# US Environmental Protection Agency Office of Pesticide Programs

Science Advisory Council for Exposure(ExpoSAC) Policy 3

March, 2021

# U.S. EPA / Office of Pesticide Programs / Health Effects Division Science Advisory Council for Exposure (ExpoSAC)

**Policy Number:** 3

**Regarding:** Agricultural Transfer Coefficients

**Effective Date(s):** March 2021

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### **ISSUE**

This policy presents transfer coefficients (TC) for agricultural or commercial activities for use in post-application exposure assessments. ExpoSAC Policies 10 (Personal Protective Equipment Use by Post-application Workers) and 11 (Mechanized Agricultural Practices and Post-application Exposure Assessments) should be referenced, as they may influence certain post-application exposure assessments.

This policy reflects adoption of all Agricultural Reentry Exposure Task Force (ARTF) data as a result of a 1995 Data Call-In (DCI) – previous versions incorporated only data available at the time. The ARTF data and the development of transfer coefficients were reviewed in 2008 by the FIFRA SAP<sup>1</sup>. Use of the data in this policy may require compensation to the ARTF under FIFRA.

To facilitate version control and tracking, the following documents the progression of the ExpoSAC Policy 3, including a detailed accounting of edits/revisions/corrections.

Date	Documentation of Revisions
May 1998	Original policy version
Aug 2000	Large-scale revision, incorporating available ARTF data
May 2011	Large-scale revision, incorporating complete set of ARTF data
	Revised list of crop/activity combinations
	Published EPA webpage on occupational post-application pesticide exposure, including link
	to Policy 3 (https://www.epa.gov/pesticide-science-and-assessing-pesticide-
	<u>risks/occupational-pesticide-post-application-exposure</u> )
Jun 2011	Added companion TC Table spreadsheet to webpage
	Typographical/editorial corrections
	o Corrected "Regions 9-11" to "Regions 8-11" (page 5 of 119)
	o TC for "Bean, dry and Pea, dry – LOW – FULL – Scouting" incorrectly assigned the SSr
	cluster (210 cm <sup>2</sup> /hr). Correction reflects appropriate assignment of SSr cluster (1100
	cm <sup>2</sup> /hr).

 $<sup>^1\</sup> https://www.regulations.gov/docketBrowser?rpp=50\&po=0\&D=EPA-HQ-OPP-2008-0673$ 

Date	Documentation of Revisions
Feb 2012	Typographical/editorial corrections in TC Table and spreadsheet
	o "Beets, garden" → "Beet, garden"
	o "Hops" → "Hop"
	o "Harvest" → "Harvesting"
	o Corrected misspelling: "Irrigiation" for Brussels Sprouts
	o Corrected hyphen in the "Hop, Mechanically-assisted Harvesting" entry to match other
	hyphens for this activity
	o Changed "Irrigation" listings to either "Irrigation (hand set)" or "Irrigation (non-hand
	set)" as appropriate
	o "Beet, sugar Thinning (plants)" → "Beet, sugar Thinning Plants"
	o Removed duplicate entries
	<ul> <li>Corn, sweet, grain, Low, Min, Hand set Irrigation</li> </ul>
	■ Nectarine, Propping
	<ul> <li>Cut flowers, High, Full, Hand set Irrigation</li> </ul>
	<ul> <li>Date, Hand pruning</li> </ul>
	• Apple, Thinning
	o Changed "Nursery (Ornamentals, Non-bearing Plants" to "Nursery/Greenhouse Crops
	(Ornamentals, Non-bearing Plants) – except entry for "Irrigation (hand set)"
	Typographical/editorial corrections in policy text
	o Removed "this version" language from intro
	o Added "Documentation of Revisions"
	o Changed "affect" to "effect" in footnote 5.
	Substantive changes to TC Table and spreadsheet
	o Added row and applicable TC for "Golf Course, Maintenance, greens only"
	■ TC = 2500 cm²/hr – the arithmetic mean from ARF057, less the exposure
	monitoring for "fairway mowing" and "irrigation repair"
	A 11 1 / A 11 TO(A) ( #T) A 11 TO (A)
	O Added row/category and applicable TC(s) for "Forestry, Harvesting, Seedling Production"
	<ul> <li>Assigned DH cluster (TC = 6700 cm²/hr)</li> </ul>
	o Added "Grape, wine" and "Grape, table"
	<ul> <li>"Grape, wine" assigned the same activities and TCs as "Grape, juice"</li> </ul>
	<ul> <li>Grape, while assigned the same activities and TCs as "Grape, raisin"</li> <li>"Grape, table" assigned the same activities and TCs as "Grape, raisin"</li> </ul>
	• "Turning" and "Girdling" applies to "Grapes, Table" only, thus removed for "Grapes, Raisin"
	<u>*</u> '
	Substantive changes to policy text
	Added default DFR and TTR estimates
July 2012	Included characterization of "initial residue as % of application rate" for solid formulations
2012	On webpage, replaced "TC lookup spreadsheet" with exposure calculator that calculates
	dose, MOEs and REIs, and includes 40CFR180 tolerance crop grouping cross-walk
	o Greenhouse and Nursery Crop categories separated for clarity
	Edited residue data analysis section to provide more guidance to assessors on use of discipation models.
	dissipation models
March 2013	Residue analysis guidance revised to reflect use of daily average measurements for
171011 2013	dissipation analysis, rather than the 3 replicates.
	dissipation analysis, rather than the 5 replicates.

Date	Documentation of Revisions
	<ul> <li>ARTF Cluster Sx revised to incorporate an additional sweet corn hand harvesting study recently submitted to EPA. The study was reviewed and accepted in March 2013 (EPA Review D403726). To note change by EPA, the Sx cluster was renamed "Sx (EPA)", as was similarly done for EPA changes to ARTF-proposed clusters.</li> <li>"Walnut" changed to "Walnut, English"</li> <li>"Corn, sweet, grain" HIGH FULL Scouting corrected from "SSr" to "SSs"</li> <li>Changes to "Re-entry Exposure Calculator" (MS Excel spreadsheet) outlined in "Update Timeline" tab</li> </ul>
January 2017	<ul> <li>Changed transfer coefficient for harvesting hops based on the ARTF submission "Estimated Transfer Coefficient for Hops Harvest (MRID 49157401). The submission was reviewed and partially accepted in August 2015 (EPA Review D413084). The transfer coefficient changed from 19,300 cm²/hr (ARTF Cluster Tx) to 1,400 cm²/hr (ARTF Cluster THb).</li> <li>Added a "No TC" designation for Mechanical Harvesting of hops</li> <li>Added scenarios for "Grasses Grown for Seed" using the same activities and transfer coefficients as "Forage Crops"</li> <li>Corrected REI Calculator spreadsheet column headers for Crop Groups</li> <li>Included discussion of Dislodgeable Boll Residue (DBR) in Policy 3 document</li> <li>Revised cotton harvesting to include use of DBR and added DBR worksheet in REI Calculator</li> <li>Revised Policy 3 document to describe transferable residue generically in some instances instead of discussing specifically dislodgeable foliar residue</li> <li>Updated 40CFR180 tolerance crop grouping in REI calculator to incorporate recent updates/additions (crop groups 4-16, 5-16, 22, 23, 24)</li> <li>Corrected erroneous crop group assignments for celery and cauliflower</li> <li>Changes to REI Calculator outlined in "Update Timeline" tab</li> </ul>
March 2021	<ul> <li>Revisions to Policy 3 document</li> <li>Typographical correction "THrg" to "THtg" in Table 1</li> <li>Added row for "DMg (EPA)" in Table 1</li> <li>Clarified in introduction that use of data "may" require data compensation under FIFRA</li> <li>Replaced 2007 "Vegetable Acreage Harvested for Sale" image with more recent figure</li> <li>Rows added as needed per REI Calculator revisions listed below</li> <li>REI Calculator revisions</li> <li>"Blueberry, lowbush" listed for crop subgroups 13-07G and 13-07H (existing lowbush blueberry entries duplicated)</li> <li>Corn revisions:         <ul> <li>Revised corn labels (", seed"; ", grain");</li> <li>Detasseling listed for seed corns (no TC difference for hand and mechanically-assisted);</li> <li>Deleted detasseling for sweet corn grain</li> <li>Hand-set irrigation (low/full) added for Sweet corn, grain (previously missing)</li> <li>Added Cranberry, highbush (assigned "blueberry, highbush" TCs)</li> <li>Cranberry listed for crop subgroup 13-07G (existing cranberry entries duplicated)</li> <li>Changed "grasses grown for seed" to no crop group</li> <li>Included groups 7, 16, 17, and 18 under "Forage Crops"</li> <li>Grapes listed for crop subgroup 13-07D (existing grapes entries duplicated)</li> </ul> </li> </ul>

Date	Docum	nentation of Revisions
	0	Kiwifruit listed for crop subgroup 13-07D and F (existing kiwifruit entries duplicated)
	0	Incorporating new crop groups 25 and 26:
		<ul><li>Changed "Mint" to "Mint, fresh leaves" and "Mint, dried leaves"</li></ul>
		<ul><li>Changed "Parsley" to "Parsley, fresh leaves" and "Parsley, dried leaves"</li></ul>
		<ul> <li>"Fresh leaves" herbs (new crop subgroup 25A) will be assigned TCs listed for the</li> </ul>
		"Vegetable, leafy" TC group and "Dried leaves" herbs (new crop subgroup 25B)
		will be assigned TCs listed for the "Field/Row Crop, low/medium" TC group
		<ul><li>Included new crop groups 25 (and subgroups A and B) and 26 in tab "40CFR180</li></ul>
		Crop Groups"
	0	Corrected crop subgroup listing for green pea from 6A to 6B
	0	Added Sugar Apple as a representative for crop subgroup 24C, assigned TCs listed for
		pomegranate
	0	Added Lychee as a representative for crop subgroup 24A; assigned TCs listed for
		pomegranate
	0	Edited crop subgroup 6B name in 40CFR180 crop group tab (now correctly listed as "pea
		and bean, succulent shelled")
	0	Added Dragonfruit as a representative for crop subgroup 24D; assigned TCs listed for
		dates
	0	Added Passionfruit as a representative for crop subgroup 24E; assigned TCs listed for
		kiwifruit
	0	Corrected pomegranate to include hand weeding (previously missing)
	0	Edits in tab "Additional Crop Match":
		Corrected Turmeric spelling error      Del colored Formula DEL colored (consequence)
		Deleted crops listed in main REI calculator (e.g., swiss chard)  Listed backs on "feeth backs" and "deleted because" to accommodate growing and the growing a
		<ul> <li>Listed herbs as "fresh leaves" and "dried leaves" to accommodate new crop group</li> <li>25</li> </ul>
		<ul> <li>Carambula changed to more common name "Starfruit"</li> <li>Deleted "Coriander (leaf)" since it is synonymous with Cilantro</li> </ul>
		<ul> <li>Crops in crop groups 23 and 24 (tropical fruits) assigned to their representative</li> </ul>
		crops
		<ul> <li>Changed "Onion" to either "Onion, green" or "Onion, bulb" as appropriate</li> </ul>
		Corrected "Welch" to "Welsh"
		Miscellaneous edits (e.g., "savory (winter/summer)")
	0	Removed crop-activity combinations that no longer occur in contemporary agriculture
		(per EPA/OPP/BEAD)
		<ul> <li>Lowbush Blueberry hand-set irrigation</li> </ul>
		<ul> <li>Sugarcane hand harvesting</li> </ul>
		<ul> <li>Sugar beet hand harvesting</li> </ul>
		<ul> <li>Processing tomato hand harvesting</li> </ul>

## **BACKGROUND**

"Transfer coefficient" is a term used to describe the ratio of post-application worker exposure to the exposure time and the dislodgeable residue of the surface contacted by the worker. The derivation and use of transfer coefficients began following the development of a standardized foliar residue sampling methodology (Iwata, 1977). The relationship or correlation between field

residues and exposure (the statistical and mathematical underpinning of transfer coefficients) was then investigated in the 1980s (USEPA, 1984; USEPA 1998, Popendorf et al, 1980; Popendorf et al, 1982; Zweig et al 1984; Zweig et al 1985). Conceptually, a transfer coefficient may be thought of as a 'contact factor' determining a worker's exposure depending on how long they work, what activity they are doing, and how much residue is available for contact and transfer. Mathematically, this is expressed as follows:

$$TC \ for \ a \ given \ crop \ / \ activity \left(\frac{sq.cm}{hour}\right) = \frac{Dermal \ Exposure \left(\frac{mg}{day}\right)}{Time \ spentdoing \ activity \left(\frac{hours}{day}\right) * \ Dislodgeable \ Foliar \ Residue \left(\frac{mg}{sq.cm}\right)}$$

Via post-application worker exposure monitoring studies and concurrent dislodgeable residue sampling, transfer coefficients can be determined for any given crop or, potentially, crop stage and activity combination (e.g., hand harvesting apples, scouting late season cotton).

Once established, transfer coefficients are used 'generically' to allow for estimation of exposure for any pesticide active ingredient (except volatile chemicals) using estimates for exposure time and the concentration of residue the workers will contact. For example, for a given chemical [X] proposed for use on apples, a worker exposure study specific for harvesting apples previously sprayed with chemical [X] is unnecessary. The established generic transfer coefficient assigned for "apple harvesting" allows for prediction of exposure to chemical [X] using estimates for the exposure time and expected foliar residue of chemical [X] on apples<sup>2</sup>. This process is considered a reasonable method for assessing exposure while saving the time and resources associated with conducting exposure studies for all proposed pesticide registrations and registration reviews. The general post-application exposure equation is as follows:

Exposure 
$$(mg/day) = [Residue (mg/cm^2) \times TC (cm^2/hr) \times Hr/day]^3$$

Because of U.S. agricultural diversity, it is impossible to conduct exposure studies for all possible crop/crop growth stage/activity combinations. The Agency has therefore adopted a method of clustering crops, crop growth stages, and post-application activities into groups that are expected to result in comparable exposure. These clusters are reflected in the exposure monitoring studies conducted by the Agricultural Reentry Task Force (ARTF)<sup>4</sup>. The choice of post-application activities studied by the ARTF as well as the subsequent assignment of transfer coefficients derived from these studies to non-monitored post-application activities was a joint effort by the ARTF and the Agency and reviewed by the FIFRA SAP in 2008. Materials presented at that meeting should be referenced for further information regarding the process of

<sup>&</sup>lt;sup>2</sup> Note that the transfer coefficients presented in this policy represent standard clothing worn by agricultural field workers: shoes, socks, long-legged pants, and long-sleeved shirts. ExpoSAC Policy 10 should be referenced regarding personal protective equipment (PPE) use by post-application workers.

<sup>&</sup>lt;sup>3</sup> The "residue" factor in this equation is dislodgeable foliar residue (DFR) for most crops, turf transferable residue (TTR) in the case of sod or golf courses, or dislodgeable boll residue (DBR) for some activities related to cotton. Other non-foliar based residue (soil, branches, etc.) can also be used, but should coincide with appropriately-derived transfer coefficients.

<sup>&</sup>lt;sup>4</sup> Information on the ARTF is available at: <a href="http://www.exposuretf.com/Home/ARTF/tabid/57/Default.aspx">http://www.exposuretf.com/Home/ARTF/tabid/57/Default.aspx</a>. Access requires a log-in and password.

study selection, data analysis, and crop-activity groupings (see footnote 1).

Table 1 below presents a summary of all ARTF exposure monitoring studies as well as their organization and combination into clusters. Agency deviations and modifications of ARTF clusters are identified with an "(EPA)" notation.

	Table 1: Organization of ARTF Studies by Cluster									
		ARTF Study		Proposed Cluster						
Code	EPA MRID	Crop	Activity	Code	Description					
ARF045	45480301	Cucumbers	Hand Harvesting		Hairy-leaf field crops: hand					
ARF049	45491902	Summer Squash	Hand Harvesting	НН	harvesting and similar contact activities					
ARF024	45005911	Tobacco	Hand harvesting	HHt	Hairy-leaf (Tobacco): hand harvesting and canopy management					
ARF022	45005909	Sunflowers	Scouting	HS	Hairy-leaf field crops: scouting and similar contact activities					
ARF051	45530103	Tomato	Tying							
AR1001	43013003	Strawberry	Hand Harvesting	SH	Smooth-leaf field crops: hand					
AR1023	40966503	Tomato	Hand Harvesting	эп	harvesting and tying					
AR1024	40966502	Strawberry	Hand Harvesting							
AR1025	42851302	Cotton	Scouting	SSr	Smooth-leaf field crops: scouting					
AR1027	42974501	Tomato	Scouting	331	in row conditions					
ARF009	45005904	Corn	Scouting	CC-	Smooth-leaf field crops: scouting					
ARF021	45005908	Dry Pea	Scouting	SSs	in solid stand conditions					
AR1006	42851302	Cotton	Hand weeding		Smooth-leaf field crops: hand					
AR1018	42689103	Cotton	Hand weeding	SW	weeding, thinning, and similar					
AR1019	42689104	Dry Pea	Hand weeding		contact activities					
ARF010	45005905	Sweet Corn	Hand harvesting	Sx	Smooth-leaf field crops: intense					
AR1033	48866801	Sweet Corn	Hand harvesting	(EPA)	contact activities					
ARF050	45530102	Cabbage	Hand harvesting	WIH	Waxy-leaf field crops, low height: hand harvesting and similar contact activities					
AR1008	42974501	Cauliflower	Scouting	WIS	Waxy-leaf field crops, low height: scouting and similar contact activities					
ARF011	45005906	Cauliflower	Scouting		Waxy-leaf field crops, medium					
ARF012	45005907	Cauliflower	Hand harvesting	Wm	height: all activities, plus full					
ARF037	45191701	Cabbage	Hand weeding		foliage weeding					
ARF025	45138202	Apples	Hand Harvesting							
ARF028	45175101	Oranges	Hand Harvesting							
ARF041	45432301	Oranges	Hand Harvesting	ОН	Orchard crops: hand harvesting					
ARF042	45432302	Grapefruit	Hand Harvesting	(EPA)	and similar contact activities					
AR1002	42830002	Peaches	Hand Harvesting	(LIA)	and similar contact activities					
AR1014	40975308	Peaches	Hand Harvesting							
AR1021	40966501	Peaches	Hand Harvesting							
AR1003	42428101	Apples	Thinning	OT (EPA)	Orchard crops: thinning					
AR1016	41848604	Almonds	Mechanical Harvesting	OHn	Orchard crops: mechanically harvesting nuts					
ARF033	45175102	Olives	Hand Pruning	OP	Orchard crops: hand pruning,					
ARF047	45480302	Apples	Hand Pruning	Or	scouting, and similar contact					

	Table 1: Organization of ARTF Studies by Cluster								
		ARTF Study			Proposed Cluster				
Code	EPA MRID	Crop	Activity	Code	Description				
					activities				
AR1017	43297602	Peaches	Propping	OW	Orchard crops: hand weeding and similar contact activities				
ARF020	46405901	Blackberries	Hand harvesting	THb	Trellis crops: hand harvesting caneberries and similar contact activities				
ARF048	45491901	Juice/Wine Grapes	Hand harvesting	THjg (EPA)	Trellis crops: hand harvesting juice/wine grapes and similar contact activities				
AR1020	43223907	Table / Raisin Grapes	Hand harvesting	THtg	Trellis crops: hand harvesting table/raisin grapes and similar				
AR1022	40985601	Table / Raisin Grapes	Hand harvesting	(EPA)	contact activities				
ARF023	45005910	Table / Raisin Grapes	Scouting	TP	Trellis crops: hand pruning, scouting, and similar contact activities				
AR1015	40975304	Table / Raisin Grapes	Cane turning	Tx	Trellis crops: intense contact activities				
ARF055	46789302	Solidasters, Snapdragons, Lillies	Hand Harvesting	GHf	Greenhouse and nursery floriculture hand harvesting: all flowers and methods				
ARF020	45138201	Blackberries	Hand Harvesting		Greenhouse vegetables: hand				
ARF051	45530103	Tomatoes, fresh	Tying	GHv	harvesting and similar contact activities				
ARF039	45344501	Chrysanthemums	Pinching		Greenhouse and nursery crops:				
ARF043	45469501	Nursery Stock Citrus Trees	Hand Pruning	GN	all activities				
ARF044	45469502	Nursery Stock Citrus Trees	Hand Harvesting		All crops: transplanting				
ARF036	45726301	Potatoes	Irrigation	I	Irrigation, any crop where hand line is possible				
				СНр	Cotton, mechanical harvesting: picker operator and raker (based on boll residues)				
AR1004	42701601	Cotton	Mechanical Harvesting	СНт	Cotton, mechanical harvesting: module builder operator (based on boll residues)				
				CHt	Cotton, mechanical harvesting: tramper (based on boll residues)				
ARF035	45432303	Sod	Mechanical Harvesting	DH	Sod: mechanical harvesting, scouting, transplanting, and hand weeding				
ARF057	46734001	Golf Course Turf	Maintenance	DM	Golf courses: maintenance activities				
ARF057	46734001	Golf Course Turf	Maintenance, greens only	DMg (EPA)	Golf courses: maintenance activities on putting greens				

# **POLICY**

Transferable Residue

[Dislodgeable Foliar Residue (DFR); Turf Transferable Residue (TTR); Dislodgeable Boll Residue (DBR)]

A variety of physical, chemical, and biological factors determine the nature of pesticide residue transformation, dislodgeability and dissipation in treated fields. These factors include volatilization or evaporation, hydrolysis, oxidation, photolysis, and biodegradation. The relative importance of these mechanisms is dependent on the pesticide's structure and other factors such as site-specific weather conditions in crop growing areas. For some pesticides, one degradation mechanism will predominate, such as hydrolysis (e.g., captan) or photolysis (e.g., pyrethrin). For other pesticides, such as the organophosphorus insecticides, all of the above factors can influence their rate of dissipation and environmental transformation. Dissipation may also be influenced by leaf expansion and plant growth, particularly during the early phases of plant development.

Transferable residues are conducted to determine the levels of pesticides that may be transferred to a worker as a result of contacting surfaces during their routine work that follows pesticide applications. In the case of field or orchard crops these studies are known as "dislodgeable foliar residue" (DFR) studies – as the worker contacts foliage during their work. For workers contacting turf, such as during golf course maintenance or on sod farms, "turf transferable residue" (TTR) studies are applicable. Finally, during cotton harvesting workers might contact residues on cotton bolls directly for which a "dislodgeable boll residue" (DBR) study would be useful. If a chemical-specific transferable residue study is available or conducted per requirement of 40 CFR Part 158.1070, the following study elements should be considered.

- <u>Use of typical end-use products</u>: Be sure to consider the range of formulations available for the active ingredient being assessed as data may be required for each formulation type. Historically, wettable powder (WP) formulations have been considered worst-case. Maximum rates should be used and applied at minimum dilution rates.
- Geographic site selection considerations: The study site(s) must be representative of the climatic conditions expected in the intended area(s) of the pesticide's use. If fewer studies are desired or available, it is preferable that they be conducted in environments that have the potential to cause the greatest persistence (e.g., areas of low rainfall less than 20 inches per year in western states such as California), though this strategy may result in the need for longer Restricted Entry Intervals (REI). DFR studies conducted on greenhouse-grown vegetables or ornamentals are also considered worst-case, provided overhead irrigation is not used. UV light which can be reduced by the glass or plastics used in greenhouses can result in slower dissipation by photolysis for certain synthetic pyrethroids.

For guidance, EPA has established growing regions, outlined in the following table:

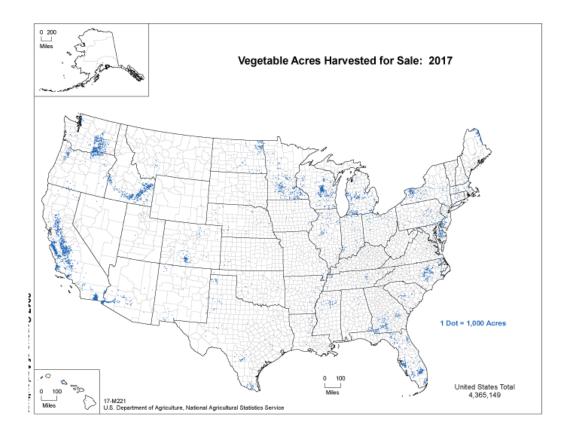
Region/Zone	Location (example states, provinces)
1 and 1a	Northeast (NY, NJ, Nova Scotia)
2	Southeast (AL, GA)
3	Florida

Region/Zone	Location
1	(example states, provinces) South central (MS, LA)
5, 5a and b	Midwest (MI, IA, Ontario, Quebec)
6	Western gulf (eastern TX and OK)
	Northern plains (western NE,
7 and 7a	ND,SD, Saskatchewan)
8	Southern plains (west TX)
	Western basin (AZ, UT, CO,
9	portions of western Alberta and
	eastern British Colombia)
	Southwest (CA ~south of San
10	Francisco and Mexico border areas
	of AZ and NM)
11	Northwest (ID, eastern OR and
11	WA)
12	Pacific coast (western OR, WA and
12	British Columbia)
13	Hawaii
14	Canadian Prairie Provinces
14	(Manitoba)

It is very unlikely that transferable residue studies will be available for all growing areas, however, there are natural climatic groups that can be considered to be similar. These are:

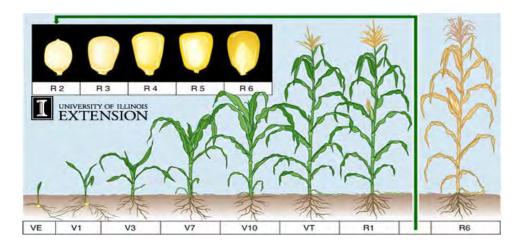
- $\triangleright$  Regions 1 6 and 13
- > Regions 7, 12 and 14
- ➤ Regions 8 11
- <u>Selection of representative crops</u>: There is no set requirement for the number of DFR studies for a given pesticide active ingredient (ai). However, it is desirable that DFR studies be representative of the crop architectures of the registered uses. If for example a pesticide is labeled for orchard crops, trellis crops, and vegetable row crops, representative crops for DFR studies may include apples, blackberries and snap beans respectively. Other considerations include the identification of formulation and site/pest combinations that represent a pesticide's major uses.

To identify representative growing areas commensurate with labeled uses, the following figure – showing major vegetable growing areas in the United States – from the USDA National Agricultural Statistical Service (NASS) is the type of information that can guide reviewers.



• <u>Timing of applications</u>: A minimum of two applications are required prior to residue sample collection (unless only one application is labeled). The application regimen should match the expected use of the pesticide. The time between applications should be based on the minimum treatment interval, if any, stated on the label (e.g., use a 7 day interval when label directions state a 7 to 10 day interval between treatments). The timing of the applications should bracket the time frames when reentry activities are anticipated to occur, with a focus on the timeframes where higher exposure activities occur. Likewise, the transferable residue samples should be collected accordingly. Sampling intervals are generally shorter earlier in the study and may lengthen with later samples. Typical sampling intervals are 4 hours, 12 hours, 1, 3, 7, 14, 21, 28, 35 days after treatment (DAT).

Knowledge of crop development and the likelihood of potential reentry tasks are critical to the establishment of effective REIs. For example, various corn crop growth stage (depicted in the figure below) may impact the timing of insecticide applications prior to detasseling.



• Calculations and Presentation of Results: For DFR studies, leaf samples are gathered with a mechanical leaf punch device (e.g., Birkestrand) that can remove leaf discs of a known diameter (i.e., one inch diameter = 2.54 cm; equal to 5 cm² per disc). Ideally, triplicate samples are collected from a given study site for each DAT interval. A minimum of 40, one inch diameter samples (equal to ~200 cm² single-side, or 400 cm² double-sided) should be collected per replicate in the manner described by Iwata et al., 1977. If a smaller punch diameter is required to accommodate smaller leaf sizes, the number of punches must be adjusted accordingly to maintain the same approximate total leaf surface area (i.e., 200/400 cm²). Some crops do not lend themselves to the use of a leaf punch (e.g., some ornamentals and conifers). Determinations of leaf sample surface areas should be addressed on a case by case basis.

Conceptually, study investigators have considered that the residues washed from the leaves were removed from either one side or both sides of the leaf punch discs. This is an important study detail for reviewers to check because this impacts concentration estimates (e.g.,  $\mu g/cm^2$ ). That is because the investigator would have calculated the DFRs by dividing the residues ( $\mu g$ ) measured in the dislodging solution by 200 or 400 cm² for single-sided or double-sided surfaces respectively. Transfer coefficients developed for this policy are based on two-sided DFR measurements. Thus, the use of single-sided residues will result in overestimates of exposure (2X). Note: most studies conducted after 1995 are based on double-sided leaves. Reviews are cautioned to determine how residues were expressed (i.e., single-sided or double-sided) in studies conducted before 1995.

Though replicate samples (3, 40-punch composites) are conducted on each day, arithmetic mean DFRs should be used for a regression analysis to determine the nature of residue dissipation. This is because the intent of DFR sampling is to establish a spatial average of the residue in the area in which the individual is working. Initially, samples from different study locations should not be combined (e.g., combining DFR studies conducted in California and Florida or even within a state). Typically, all data (i.e., each study site) should be considered in an assessment or, at a minimum, discussed in terms of a representative dataset used for quantitative purposes (usually that site providing the highest risk estimates).

When a set of DFR samples for a given DAT interval (e.g., day 21, post-application) has a mixture of both detected and non-detected residues, substitute one-half the limit of detection (LOD) for any sample with no detected residues. For consecutive sampling days resulting in non-detected residues, only one day should be used – the second of the consecutive days should be excluded from the analysis.

DFR dissipation is commonly approximated by pseudo-first order decay – that is, a reduction in concentration over time due to a variety of degradation processes such as those mentioned above. Log-transformed DFR data are subjected to linear regression to define the (negative) slope and intercept. Predicted values are then calculated using a standard exponential decay equation as follows:

```
DFR_t = DFR_0 * e^{-kt}
```

Where:

 $DFR_t = DFR$  at DAT for a given time period (t)

 $DFR_0 = DFR \text{ at DAT } 0$ t = Day after treatment

e = 2.71828

k = Slope of the dissipation curve

Assessors are directed to utilize both the predicted values from the log-linear first order model as well as the actual measured values for specific time points. If no risks of concern are identified using this approach, then a more thorough evaluation of the log-linear fit is unnecessary. However, it is possible that more than one dissipation mechanism is impacting the degradation of a pesticide. There may be a rapid volatilization phase followed by a slower hydrolysis phase. For these phenomena there are techniques for conducting nonlinear curve fits such as the log-quadratic model or the use of multiple functions to describe the decay process. In these situations, where the assessor needs to re-evaluate the log-linear first order model, it is advisable that the reviewer consult a statistician.

Turf transferable residue (TTR) or dislodgeable boll residue (DBR) studies should generally follow the guidance described above for DFR studies.

If chemical-specific DFR, TTR, or DBR data are unavailable, then default estimates should be used based on the chemical's application rate. For DFR, the recommended default is 25% of the application rate (expressed as mass active ingredient per foliar surface area; e.g., mg ai/cm²) for both liquid and solid formulations. For TTR, the recommended default is 1% of the application rate (expressed as mass active ingredient per turf surface area; e.g., mg ai/cm²) for liquid formulations and 0.2% for solid formulations.<sup>5</sup>

<sup>&</sup>lt;sup>5</sup> Analysis for these defaults is presented in EPA's Standard Operating Procedures for Residential Pesticide Exposure Assessment ("Residential SOPs"): https://www.epa.gov/pesticide-science-and-assessing-pesticiderisks/standard-operating-procedures-residential-pesticide

For DBR, the recommended default value is 2 – expressed not as a percentage of the application rate, but, similarly, as a coefficient of the application rate, with units "ug ai/gm cotton boll per lb ai/acre". Applied generically, an application rate in units lb ai/acre should be multiplied by 2 resulting in a day-of-application cotton boll residue estimate in units ug ai/gm cotton boll.

# Choosing Transfer Coefficients

The *Transfer Coefficient Table* attached to this policy lists crop-activity combinations and their assigned transfer coefficients using the clusters outlined in Table 1. For the purposes of post-application exposure assessment, arithmetic mean transfer coefficients are recommended for short-, intermediate-, and long-term (i.e., chronic or cancer) assessments. Its combination with the default inputs in the standard post-application exposure algorithm (e.g., dislodgeable residue based on the maximum application rate and high-end exposure time) is expected to result in reasonably conservative exposure results. Deviation from standard inputs is possible with adequate justification.

Table 2 below is provided as an index to aid in looking up crops in the Transfer Coefficient Table. The groups in Table 2 are predominately based on the growth form and architecture of the crop and the general methods used in the production of individual crops. For example, the fruit trees cultivated in the United States have been divided into two groups ("deciduous" and "evergreen"). It is important to note that these groups are distinct from the crop groups used for tolerance-setting purposes. The U.S. EPA crop definition scheme of food groups as they relate to tolerances would place the two fruit tree groups described above into at least three defined crop-groupings (citrus, pome, and stone fruit) and several undefined groups of tropical and subtropical fruit trees (e.g., avocado, dates, figs, mango).

Table 2. Transfer Coefficient Groups					
Transfer Coefficient Groups	Typical Crops				
Berry, low	Blueberries (lowbush), cranberries, strawberries				
Bunch / bundle	Bananas, hops, tobacco				
Field / row crops, low / medium	Alfalfa, barley, beans (string and dry), rape (canola), chick peas, cotton, flax, forage plants, grasses, mint, peanuts, peas (green and dry), rice, safflower, soybeans, sugar beets, wheat (spring and winter)				
Field / row crops, tall	Corn (all types), sorghum, sunflowers				
Flowers, cut	Floriculture crops				

 $<sup>^6</sup>$ Residue analysis from "Evaluation of Worker Exposure to Tribufos During Harvesting of Cotton Treated with DEF 6" (AR1004) (EPA MRID 42701601) demonstrated the ratio of cotton boll residue on the day-of-application (ug ai/gm cotton boll) to the application rate (lb ai/acre) as approximately 2. Day-of-application measured cotton boll residue (groundboom application in California) = 3.91 ug ai/gm cotton boll following an application rate of 1.875 lb ai/acre. 3.91 ug ai/gm cotton boll  $\div$  1.875 lb ai/acre ≈ 2 ug ai/gm cotton boll per lb ai/acre.

<sup>&</sup>lt;sup>7</sup> Unless otherwise specified in the study reviews, the arithmetic mean is calculated as the simple average of the transfer coefficients in the studies within each cluster. HED notes that proper calculations of statistics from the transfer coefficient studies should account for potential correlations in the dataset (e.g., within-worker, between day, etc.) by using hierarchical modeling. Based on analyses done by the ARTF, it does not appear that such potential correlations would have a significant effect on select statistics (Bruce, E., et al. 2006). However, the Agency has yet to attempt to replicate these results or attempt its own alternative hierarchical modeling. Future revisions to this policy and the Transfer Coefficient Table may provide additional detail on this matter.

Sugarcane	Sugarcane
Trees, fruit, deciduous	Apples, apricots, cherry, figs, nectarines, peaches, pears, pomegranates, plums, prunes
Trees, fruit, evergreen	Avocados, Christmas trees, dates, grapefruit, lemons, mangos, oranges, papaya
Tree, "nut"	Almonds, hazelnuts, macadamia nuts, olives, pecans, pistachios, walnuts
Turf / sod	Golf courses, sod
Unassigned	Forestry, greenhouse vegetables, nursery crops
Vegetable, "root"	Beets (table/garden), carrots, onions (dry and green), potatoes,
vegetable, 100t	sweet potatoes, turnips
Vegetable, cucurbit	Cantaloupe, cucumbers, squash (summer and winter), watermelon, gourds, pumpkin, zucchini
Vegetable, fruiting	Eggplant, peppers (bell and chili), tomatoes (fresh and processed), okra
Vegetable, head and stem Brassica	Broccoli, Brussels sprouts, cabbage, cauliflower
Vegetable, leafy	Celery, collards, greens (leafy), kale, lettuce, parsley, spinach, Bok choy, mustard greens, Swiss chard, watercress, herbs (low and medium), Chinese cabbage (Napa)
Vegetable, stem/stalk	Artichoke, asparagus, pineapple
Vine/ trellis	Blackberries, blueberries (highbush), grapes (juice, table, raisin, wine), kiwifruit, raspberries

Exposure assessors should use the data in this policy in the following manner:

• Identify appropriate transfer coefficient group (use Table 2 as an index) and crop in the attached Transfer Coefficient Table. If the crop being assessed is not listed, it can be assigned to a transfer coefficient group based on a crop in a similar tolerance group (see 40 CFR Part 180) or assessors can consult with OPP crop experts.

Exposure for crop-activity combinations in the Transfer Coefficient Table with the note *See "Alternate TC Method" Guidance* should be assessed using the *Guidance on Crop-Activity Combinations Utilizing an Alternate TC Method* below.

- Consider the timing of the application of the pesticide relative to the crop growth stage (foliage development), the dissipation of the pesticide and its metabolites of concern, and the cultural activities typically occurring in each crop being considered. It may be the case that, though the crop-activity combination is listed in the Transfer Coefficient Table, based on the timing of the pesticide application, residue dissipation, or other factors, post-application worker exposure to residues of that pesticide during that activity are not expected.
- Selection of an appropriate activity (usually the activity with the highest transfer coefficient) for the crop can be used as a "screening-level" post-application exposure and risk assessment. This TC should be used to calculate exposure for each day after application until the target Margin of Exposure (MOE) is reached (refer to exposure calculation in Background section). Assessments for other critical activities may be calculated to give the risk manager information relating to potential exemptions to the restricted entry interval.

## Guidance on Crop-Activity Combinations Utilizing an Alternate TC Method

Unlike the vast majority of crop-activity combinations in the Transfer Coefficient Table, some common agricultural activities do not follow the standard "foliar-based" transfer coefficient methodology. This should not be interpreted to mean that there is no potential exposure from these activities but rather that "foliar-based" transfer coefficients are not applicable to evaluate worker exposure. These are activities where exposure results from contacting non-foliar surfaces such as soil, branches, stems, roots, etc. The attached *Non-Foliar Transfer Coefficient Table* provides guidance. In some cases, available non-foliar-based transfer coefficients are shown, in others, alternative guidance is provided. The table includes the following crop-activity combinations:

- Cotton // Mechanical Harvesting
- Orchard Trees // Dormant Hand Pruning
- Nut Trees // Mechanical Windrowing / Mechanical Sweeping / Dormant Hand Pruning
- Potatoes // Harvesting
- Sweet Potatoes // Harvesting
- Onions // Harvesting

### ANTICIPATED FUTURE UPDATES/REVISIONS

The information in this policy is subject to revision based on new information or changes in assessment policy. It is the intention of HED's Science Advisory Council for Exposure that this policy will be periodically updated to:

- Incorporate, and assign transfer coefficients to additional crops and/or activities. As of March 2013 this has largely been completed. The assignment of additional crops can be found within the "Re-entry Exposure Calculator" Microsoft Excel spreadsheet ("Additional Crop Match" tab) attached on the EPA webpage where Policy 3 is found.
- Change transfer coefficients or transfer coefficient groupings if provided with supporting data or other information.
- Add narratives detailing characteristics of post-application activities such as activity
  descriptions and timing of post-application tasks relative to crop growth. Such
  descriptions should aid exposure assessors in determining whether certain crop-activity
  combinations should be included in their assessment based on the pesticide under
  consideration.
- Alter transfer coefficients if supported by more robust statistical analysis (see footnote 3).
- Utilize an alternative crop grouping mechanism to aid both data organization and exposure assessments.
- Address adjustments to measurements of hand exposure due to potential residue collection inefficiencies. Such adjustments are currently under discussion and would be applicable to all occupational exposure data.

<sup>&</sup>lt;sup>8</sup> https://www.epa.gov/pesticide-science-and-assessing-pesticide-risks/occupational-pesticide-post-application-exposure

- Further establish guidance on non-foliar based transfer coefficients.
- Incorporate guidance and methods to assess post-application inhalation exposure.
- Incorporate guidance on alternative residue dissipation models.
- Provide methodology for crop-to-crop residue data translation when chemical-specific residue data needs to be assigned to multiple crops.

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	Transfer Coefficient Table Post-application Agricultural Crop-Activity Combinations and Recommended Transfer Coefficients										
	Сгор			Activity	Transfer Coefficient	<b>Exposure Study Information</b>					
Crop Group		Crop Height	Foliage Density			ARTF Data Cluster		Coon		EPA	
		J	·		(cm <sup>2</sup> /hr)	Code	Study ID	Crop	Activity	MRID	
							AR1001	Strawberry	Hand Harvesting	43013003	
Berry, low	Blueberry,	LOW	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503	
berry, row	lowbush	LOW	FULL	Harvesting, Hand	1100	ъп	AR1024	Strawberry	Hand Harvesting	40966502	
							ARF051	Tomato, Fresh	Tying	45530103	
	Blueberry,				1100	~~	ARF009	Corn, Sweet	Scouting	45005904	
Berry, low	lowbush	LOW	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908	
							AR1006	Cotton	Hand Weeding	42851302	
Berry, low	Blueberry, lowbush	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103	
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104	
Berry, low	Blueberry, lowbush	LOW	FULL	Harvesting, Mechanical	0	No TC					
Berry, low	Blueberry, lowbush	LOW	FULL	Weeding, Mechanical	0	No TC					
Berry, low	Blueberry, lowbush	LOW	MIN	Irrigation (non-hand set)	0	No TC					
							ARF039	Chrysanthemu ms	Pinching	45344501	
Berry, low	Blueberry, lowbush	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501	
							ARF044	Nursery Citrus	Hand Harvesting	45469502	
Berry, low	Blueberry, lowbush	LOW	FULL	Irrigation (non-hand set)	0	No TC					
							AR1001	Strawberry	Hand Harvesting	43013003	
Down low	Cronbour	LOW		Hamisating Hand (reling)	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503	
Berry, low	Cranberry	LOW	FULL	Harvesting, Hand (raking)	1100	зп	AR1024	Strawberry	Hand Harvesting	40966502	
							ARF051	Tomato, Fresh	Tying	45530103	
Berry, low	Crombour	LOW	FULL	Pruning, Hand (shears)	70	SW	AR1006	Cotton	Hand Weeding	42851302	
Berry, low	Cranberry	LOW	FULL	Frunnig, riand (snears)	70	SW	AR1018	Cotton	Hand Weeding	42689103	

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients				
					Transfer		Exposure Study Information					
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF Data Cluster		Const	A4224	EPA		
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
D 1		LOW		g .:	1100	a a	ARF009	Corn, Sweet	Scouting	45005904		
Berry, low	Cranberry	LOW	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908		
							AR1006	Cotton	Hand Weeding	42851302		
Berry, low	Cranberry	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
Berry, low	Cranberry	LOW	FULL	Ditching	0	No TC						
Berry, low	Cranberry	LOW	FULL	Frost Control	0	No TC						
Berry, low	Cranberry	LOW	FULL	Sanding	0	No TC						
Berry, low	Cranberry	LOW	FULL	Weeding, Mechanical	0	No TC						
	Cranberry			MIN Transplanting	230		ARF039	Chrysanthemu ms	Pinching	45344501		
Berry, low		LOW	MIN			GN	ARF043	Nursery Citrus	Pruning	45469501		
							ARF044	Nursery Citrus	Hand Harvesting	45469502		
Berry, low	Cranberry	LOW	FULL	Irrigation (non-hand set)	0	No TC						
Berry, low	Cranberry	LOW	FULL	Harvesting, Mechanical (Flood)	0	No TC						
							AR1001	Strawberry	Hand Harvesting	43013003		
Berry, low	Ctworryb ower	LOW	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503		
Berry, low	Strawberry	LOW	FULL	Harvesting, Hand	1100	SII	AR1024	Strawberry	Hand Harvesting	40966502		
							ARF051	Tomato, Fresh	Tying	45530103		
Berry, low	Strawberry	LOW	FULL	Irrigation (non-hand set)	0	No TC						
Berry, low	Strawborn	LOW	V FILL C	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302		
Berry, low	Strawberry	Suawbelly	LOW	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501	

		Post-applic	ation Agricu	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
				1	Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	G	A -40-24-	EPA
					(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
							AR1006	Cotton	Hand Weeding	42851302
Berry, low	Strawberry	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Berry, low	Strawberry	LOW	FULL	Weeding, Mechanical	0	No TC				
Berry, low	Strawberry	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Berry, low	Strawberry	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
Berry, row	Strawberry	LOW	IVIIIN	Scouning	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Berry, low	Strawberry	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							ARF039	Chrysanthemu ms	Pinching	45344501
Berry, low	Strawberry	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							AR1006	Cotton	Hand Weeding	42851302
Berry, low	Strawberry	LOW	FULL	Canopy Management	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Bunch / bundle	Banana	HIGH	FULL	Weeding, Mechanical	0	No TC				
Bunch / bundle	Banana	LOW	FULL	Weeding, Mechanical	0	No TC				
Bunch / bundle	Banana	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602
Bunch / bundle	Banana	LOW	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602
							AR1002	Peach	Hand Harvesting	42830002
Bunch / bundle	Banana	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	AR1014	Peach	Hand Harvesting	40975308
						, ,	AR1021	Peach	Hand Harvesting	40966501

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwan	A odinite.	EPA
			·		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Bunch / bundle	Banana	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Bunch / bundle	Banana	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Bunch / bundle	Нор	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	42554801
Bunch / bundle	Нор	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Bunch / bundle	Нор	HIGH	FULL	Weeding, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Bunch / bundle	Нор	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Bunch / bundle	Нор	HIGH	FULL	Harvesting, Mechanically- assisted	1400	THb	ARF020	Blackberries	Hand Harvesting	46405901
Bunch / bundle	Нор	HIGH	FULL	Stripping	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Bunch / bundle	Нор	HIGH	FULL	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Bunch / bundle	Нор	HIGH	FULL	Weeding, Mechanical	0	No TC				
Bunch / bundle	Нор	HIGH	MIN	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Bunch / bundle	Нор	HIGH	MIN	Weeding, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
							ARF039	Chrysanthemu ms	Pinching	45344501
Bunch / bundle	Нор	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Bunch / bundle	Нор	HIGH	FULL	Discing	0	No TC				
Bunch / bundle	Нор	LOW	MIN	Ditching	0	No TC				
Bunch / bundle	Нор	HIGH	FULL	Ditching	0	No TC				

		Post-applic	ation Agrici	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Corre	A -4**4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Bunch / bundle	Нор	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Bunch / bundle	Нор	LOW	MIN	Weeding, Mechanical	0	No TC				
Bunch / bundle	Нор	LOW	MIN	Scouting	640	TP	ARF023	Table/Raisin Grapes	Scouting	45005910
Bunch / bundle	Нор	LOW	MIN	Tying/Training	640	TP	ARF024	Table/Raisin Grapes	Scouting	45005910
Bunch / bundle	Нор	HIGH	MIN	Tying/Training	640	TP	ARF025	Table/Raisin Grapes	Scouting	45005910
Bunch / bundle	Tobacco	HIGH	FULL	Harvesting, Hand	800	HHt	ARF024	Tobacco	Hand Harvesting	45005911
Bunch / bundle	Tobacco	HIGH	FULL	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Bunch / bundle	Tobacco	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Bunch / bundle	Tobacco	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Bunch / bundle	Tobacco	HIGH	FULL	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Bunch / bundle	Tobacco	LOW	FULL	Scouting	90	HS	ARF023	Sunflower	Scouting	45005909
Bunch / bundle	Tobacco	HIGH	FULL	Weeding, Mechanical	0	No TC				
Bunch / bundle	Tobacco	LOW	FULL	Weeding, Mechanical	0	No TC				
Bunch / bundle	Tobacco	HIGH	FULL	Harvesting, Mechanically- assisted	800	HHt	ARF024	Tobacco	Hand Harvesting	45005911
Bunch / bundle	Tobacco	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Bunch / bundle	Tobacco	LOW	MIN	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Bunch / bundle	Tobacco	LOW	MIN	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Bunch / bundle	Tobacco	LOW	MIN	Weeding, Mechanical	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Bunch / bundle	Tobacco	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Bunch / bundle	Tobacco	HIGH	FULL	Canopy Management	800	HHt	ARF024	Tobacco	Hand Harvesting	45005911

		Post-applic	ation Agrici	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		E	Exposure Study Inf	ormation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Comm	A -4**4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Bunch / bundle	Tobacco	LOW	FULL	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Bunch / bundle	Tobacco	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Bunch / bundle	Tobacco	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Alfalfa	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Alfalfa	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, low /							ARF009	Corn, Sweet	Scouting	45005904
medium	Alfalfa	LOW	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low / medium	Alfalfa	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low / medium	Alfalfa	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Alfalfa	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Field / row crop, low /					1100		ARF009	Corn, Sweet	Scouting	45005904
medium	Alfalfa	LOW	MIN	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low / medium	Alfalfa	LOW	FULL	Fertilizing	0	No TC				
Field / row crop, low / medium	Alfalfa	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low /							ARF009	Corn, Sweet	Scouting	45005904
medium	Barley	LOW	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low / medium	Barley	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low / medium	Barley	LOW	FULL	Swathing, Mechanical	0	No TC				
Field / row crop, low /						-	ARF009	Corn, Sweet	Scouting	45005904
medium	Barley	LOW	MIN	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low / medium	Barley	LOW	FULL	Irrigation (non-hand set)	0	No TC				

		Post-applic	ation Agrici	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA
		8	·		(cm <sup>2</sup> /hr)	Code	Study ID	Сгор	Activity	MRID
Field / row crop, low / medium	Barley	LOW	FULL	Baling Straw	0	No TC				
Field / row crop, low / medium	Beans, snap	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Beans, snap	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, low /	Beans, snap	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
medium	Beans, snap	LOW	FOLL	Scouning	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, low / medium	Beans, snap	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1001	Strawberry	Hand Harvesting	43013003
Field / row crop, low /	Beans, snap	LOW	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
medium	Deans, snap	LOW	FOLL	riarvesting, riand	1100	311	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
Field / row crop, low / medium	Beans, snap	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low / medium	Beans, snap	LOW	FULL	Weeding, Mechanical	0	No TC				
Field / row crop, low /	Doong anon	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
medium	Beans, snap	LOW	IVIIIN	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
Field / row crop, low / medium	Beans, snap	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Beans, snap	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Field / row crop, low / medium	Beans, snap	LOW	FULL	Fertilizing	0	No TC				
Field / row crop, low / medium	Bean, dry and Pea, dry	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Bean, dry and Pea, dry	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, low /	Bean, dry and	LOW	FULL	Scouting	1100	SSs	ARF009	Corn, Sweet	Scouting	45005904

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		E	Exposure Study Inf	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwow	A ativity	EPA
					(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
medium	Pea, dry						ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low / medium	Bean, dry and Pea, dry	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low / medium	Bean, dry and Pea, dry	LOW	FULL	Swathing, Mechanical	0	No TC				
Field / row crop, low / medium	Bean, dry and Pea, dry	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low /	Bean, dry and	1.011	) my	a ··	1100	9.0	ARF009	Corn, Sweet	Scouting	45005904
medium	Pea, dry	LOW	MIN	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low / medium	Bean, dry and Pea, dry	LOW	MIN	Weeding, Mechanical	0	No TC				
Field / row crop, low / medium	Bean, dry and Pea, dry	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Bean, dry and Pea, dry	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, low / medium	Bean, dry and Pea, dry	LOW	MIN	Fertilizing	0	No TC				
Field / row crop, low / medium	Bean, dry and Pea, dry	HIGH	FULL	Fertilizing	0	No TC				
Field / row crop, low / medium	Bean, dry and Pea, dry	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low / medium	Bean, dry and Pea, dry	HIGH	FULL	Knifing, Mechanical	0	No TC				
Field / row crop, low /	Bean, dry and	, , , , , , , , , , , , , , , , , , ,		a .	1100	9.0	ARF009	Corn, Sweet	Scouting	45005904
medium	Pea, dry	HIGH	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low /							ARF009	Corn, Sweet	Scouting	45005904
medium	Canola	HIGH	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low / medium	Canola	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low /	G .		1000		1100	9.5	ARF009	Corn, Sweet	Scouting	45005904
medium	Canola	LOW	MIN	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low / medium	Canola	LOW	FULL	Harvesting, Mechanical	0	No TC				

		Post-applic	ation Agricu	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		E	xposure Study Inf	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	C	A	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Field / row crop, low / medium	Canola	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, low / medium	Chickpea	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Chickpea	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Field / row crop, low / medium	Chickpea	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Chickpea	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, low / medium	Chickpea	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Chickpea	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, low / medium	Chickpea	LOW	MIN	Fertilizing	0	No TC				
Field / row crop, low / medium	Chickpea	HIGH	FULL	Fertilizing	0	No TC				
Field / row crop, low / medium	Chickpea	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low / medium	Chickpea	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low / medium	Chickpea	HIGH	FULL	Knifing, Mechanical	0	No TC				
Field / row crop, low / medium	Chickpea	LOW	FULL	Swathing, Mechanical	0	No TC				
Field / row crop, low / medium	Chickpea	LOW	MIN	Weeding, Mechanical	0	No TC				
Field / row crop, low / medium	Chickpea	LOW	FULL	Weeding, Mechanical	0	No TC				
Field / row crop, low /	Chickpea	LOW	MIN	Scouting	1100	SSs	ARF009	Corn, Sweet	Scouting	45005904
medium	Спіскреа	LOW	IVIIIN	Scounig	1100	338	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low /	Chickpea	LOW	FULL	Scouting	1100	SSs	ARF009	Corn, Sweet	Scouting	45005904
medium	Спіскреа	LOW	FULL	Scoung	1100	2028	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low /	Chickpea	HIGH	FULL	Scouting	1100	SSs	ARF009	Corn, Sweet	Scouting	45005904
medium	Спіскреа	IIIOII	PULL	Scoung	1100	ەدىد	ARF021	Beans/Peas, Dry	Scouting	45005908

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
				•	Transfer			Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -40	EPA
					(cm <sup>2</sup> /hr)	Code	Study ID	Сгор	Activity	MRID
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, low / medium	Chickpea	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Field / row crop, low / medium	Cotton	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, low /	Cotton	LOW	FULL	Coopting	210	SSr	AR1025	Cotton	Scouting	42851302
medium	Cotton	LOW	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, low / medium	Cotton	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Field / row crop, low / medium	Cotton	LOW	FULL	Weeding, Mechanical	0	No TC				
Field / row crop, low / medium	Cotton	LOW	MIN	Irrigation (non-hand set)	0	No TC				
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, low / medium	Cotton	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Field / row crop, low /	Cotton	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
medium	Cotton	LOW	WIIIV	Scouning	210	551	AR1027	Tomato, Fresh	Scouting	42974501
Field / row crop, low / medium	Cotton	LOW	MIN	Weeding, Mechanical	0	No TC				
Field / row crop, low / medium	Cotton	LOW	MIN	Harvesting, Mechanical, Module Builder Operator	See "Alternate TC Method" Guidance					
Field / row crop, low / medium	Cotton	LOW	MIN	Harvesting, Mechanical, Picker Operator	See "Alternate TC Method" Guidance					

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coeff	ficients		
					Transfer		E	xposure Study Inf	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Crop	Activity	EPA
		b	·		(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
Field / row crop, low / medium	Cotton	LOW	MIN	Harvesting, Mechanical, Raker	See "Alternate TC Method" Guidance					
Field / row crop, low / medium	Cotton	LOW	MIN	Harvesting, Mechanical, Tramper	See "Alternate TC Method" Guidance					
Field / row crop, low /	-	1.011		g	1100	9.9	ARF009	Corn, Sweet	Scouting	45005904
medium	Flax	LOW	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low / medium	Flax	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low /		_					ARF009	Corn, Sweet	Scouting	45005904
medium	Flax	LOW	MIN	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low / medium	Flax	LOW	MIN	Harvesting, Mechanical	0	No TC				
Field / row crop, low / medium	Grasses Grown for Seed	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Grasses Grown for Seed	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, low /	Grasses Grown	LOW	FULL	C	1100	SSs	ARF009	Corn, Sweet	Scouting	45005904
medium	for Seed	LOW	FULL	Scouting	1100	228	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low / medium	Grasses Grown for Seed	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low / medium	Grasses Grown for Seed	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low /	Grasses Grown						ARF009	Corn, Sweet	Scouting	45005904
medium	for Seed	LOW	MIN	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low / medium	Grasses Grown for Seed	LOW	FULL	Fertilizing	0	No TC				
Field / row crop, low / medium	Forage Crop	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Forage Crop	LOW	FULL	Irrigation (non-hand set)	0	No TC				

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		E	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	G	A -41-14	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Field / row crop, low /							ARF009	Corn, Sweet	Scouting	45005904
medium	Forage Crop	LOW	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low / medium	Forage Crop	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low / medium	Forage Crop	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low /					1100		ARF009	Corn, Sweet	Scouting	45005904
medium	Forage Crop	LOW	MIN	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low / medium	Forage Crop	LOW	FULL	Fertilizing	0	No TC				
Field / row crop, low / medium	Mint, dried leaves	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Mint, dried leaves	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, low /	Mint, dried	LOW		g v	1100	a a	ARF009	Corn, Sweet	Scouting	45005904
medium	leaves	LOW	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, low / medium	Mint, dried leaves	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Field / row crop, low / medium	Mint, dried leaves	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low / medium	Mint, dried leaves	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Mint, dried leaves	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Field / row crop, low /	Mint, dried	1.077	) (T)		1100	93	ARF009	Corn, Sweet	Scouting	45005904
medium	leaves	LOW	MIN	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, low /	Mint, dried	LOW	MIN	Weeding, Hand	70	SW	AR1006	Cotton	Hand Weeding	42851302
medium	leaves	LOW	14111.4	Weeding, Hand	70	511	AR1018	Cotton	Hand Weeding	42689103

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
				•	Transfer			xposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	a		EPA
		110.9	20110103		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Field / row crop, low / medium	Mint, dried leaves	LOW	MIN	Transplanting	0	No TC				
Field / row crop, low / medium	Parsley, dried leaves	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Parsley, dried leaves	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, low /	Parsley, dried						ARF009	Corn, Sweet	Scouting	45005904
medium	leaves	LOW	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, low / medium	Parsley, dried leaves	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
medium	leaves						AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Field / row crop, low / medium	Parsley, dried leaves	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low / medium	Parsley, dried leaves	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Parsley, dried leaves	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Field / row crop, low /	Parsley, dried						ARF009	Corn, Sweet	Scouting	45005904
medium	leaves	LOW	MIN	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, low / medium	Parsley, dried leaves	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
medium	leaves						AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Field / row crop, low / medium	Parsley, dried leaves	LOW	MIN	Transplanting	0	No TC				
Field / row crop, low / medium	Peanut	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Peanut	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, low /	Peanut	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Сгор	A otivity.	EPA
		9	·		(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
medium							AR1027	Tomato, Fresh	Scouting	
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, low / medium	Peanut	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Field / row crop, low / medium	Peanut	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, low / medium	Peanut	LOW	FULL	Weeding, Mechanical	0	No TC				
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, low / medium	Peanut	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Field / row crop, low / medium	Peanut	LOW	FULL	Digging, Mechanical	0	No TC				
Field / row crop, low / medium	Pea, green	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, low / medium	Pea, green	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, low /	Dog groon	LOW	FULL	Coopting	210	CC.,	AR1025	Cotton	Scouting	42851302
medium	Pea, green	LOW	FULL	Scouting	210	SSr	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, low / medium	Pea, green	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1001	Strawberry	Hand Harvesting	43013003
Field / row crop, low /	Dan arran	LOW	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
medium	Pea, green	LOW	FULL	narvesung, nand	1100	SH	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
Field / row crop, low / medium	Pea, green	LOW	FULL	Harvesting, Mechanical	0	No TC				

Transfer Coefficient Table Post-application Agricultural Crop-Activity Combinations and Recommended Transfer Coefficients												
	Crop			Activity	Transfer Coefficient	Exposure Study Information						
Crop Group		Crop Height	Foliage Density			ARTF Data Cluster				EPA		
			·		(cm²/hr)	Code	Study ID	Сгор	Activity	MRID		
Field / row crop, low /	Dog gwaan	LOW	MIN	Coopting	210	SSr	AR1025	Cotton	Scouting	42851302		
medium	Pea, green	LOW	MIIN	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501		
							AR1006	Cotton	Hand Weeding	42851302		
Field / row crop, low / medium	Pea, green	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
Field / row crop, low / medium	Pea, green	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301		
Field / row crop, low / medium	Pea, green	LOW	MIN	Irrigation (non-hand set)	0	No TC						
Field / row crop, low / medium	Pea, green	LOW	FULL	Fertilizing	0	No TC						
Field / row crop, low / medium	Pea, green	LOW	FULL	Weeding, Mechanical	0	No TC						
Field / row crop, low /	Rice	LOW		Scouting	1100	9.0	ARF009	Corn, Sweet	Scouting	45005904		
medium			FULL			SSs	ARF021	Beans/Peas, Dry	Scouting	45005908		
Field / row crop, low / medium	Rice	LOW	FULL	Harvesting, Mechanical	0	No TC						
	Rice	LOW		L Weeding, Hand		sw	AR1006	Cotton	Hand Weeding	42851302		
Field / row crop, low / medium			FULL		70		AR1018	Cotton	Hand Weeding	42689103		
medium							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
Field / row crop, low /					1100	9.0	ARF009	Corn, Sweet	Scouting	45005904		
medium	Rice	LOW	MIN	Scouting	1100	SSs	ARF021	ARF021 Beans/Peas, Dry Scouting	Scouting	45005908		
Field / row crop, low / medium	Rice	LOW	MIN	Irrigation (non-hand set)	0	No TC						
Field / row crop, low / medium	Rice	LOW	FULL	Irrigation (non-hand set)	0	No TC						
Field / row crop, low / medium	Safflower	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301		
Field / row crop, low / medium	Safflower	LOW	FULL	Irrigation (non-hand set)	0	No TC						

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combir		ommended	Transfer Coef	icients				
	Сгор			ge Agginity	Transfer Coefficient (cm²/hr)	Exposure Study Information						
Crop Group		Crop Height	Foliage Density			ARTF Data Cluster				EPA		
						Code	Study ID	Crop	Activity	MRID		
Field / row crop, low /	G 00				1100		ARF009	Corn, Sweet	Scouting	45005904		
medium	Safflower	LOW	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908		
Field / row crop, low / medium	Safflower	LOW	FULL	Harvesting, Mechanical	0	No TC						
Field / row crop, low /							ARF009	Corn, Sweet	Scouting	45005904		
medium	Safflower	LOW	MIN	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908		
	Safflower			Weeding, Hand			AR1006	Cotton	Hand Weeding	42851302		
Field / row crop, low / medium		LOW	MIN		70	SW	AR1018	Cotton Hand Weeding		42689103		
							AR1019	Beans/Peas, Dry Hand Weedin	Hand Weeding	42689104		
Field / row crop, low / medium	Safflower	LOW	MIN	Weeding, Mechanical	0	No TC						
Field / row crop, low / medium	Soybean	LOW	FULL	Irrigation (non-hand set)	0	No TC						
Field / row crop, low /	G 1	1.011			1100	aa	ARF009	Corn, Sweet	Scouting	45005904		
medium	Soybean	LOW	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908		
	Soybean			Weeding, Hand			AR1006	Cotton	Hand Weeding	42851302		
Field / row crop, low / medium		LOW	FULL		70	SW	AR1018	R1018 Cotton Hand		42689103		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
Field / row crop, low /	C l	LOW	MIN	C4in -	1100	SSs	ARF009	Corn, Sweet	Scouting	45005904		
medium	Soybean	LOW	MIIN	Scouting	1100	338	ARF021	ARF021 Beans/Peas, Dry Scouting	Scouting	45005908		
Field / row crop, low / medium	Soybean	LOW	MIN	Harvesting, Mechanical	0	No TC						
Field / row crop, low / medium	Soybean	LOW	FULL	Harvesting, Mechanical	0	No TC						
Field / row crop, low / medium	Soybean	LOW	FULL	Weeding, Mechanical	0	No TC						
Field / row crop, low / medium	Beet, sugar	LOW	FULL	Irrigation (non-hand set)	0	No TC						

Transfer Coefficient Table Post-application Agricultural Crop-Activity Combinations and Recommended Transfer Coefficients												
					Transfer Coefficient	Exposure Study Information						
Crop Group	Crop	Crop Height	Foliage Density	Activity		ARTF Data Cluster		G	A -41-14-	EPA		
					(cm <sup>2</sup> /hr)	Code	Study ID	Crop	Activity	MRID		
Field / row crop, low /	Root sugar	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302		
medium	Beet, sugar	LOW	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501		
							AR1006	Cotton	Hand Weeding	42851302		
Field / row crop, low / medium	Beet, sugar	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
Field / row crop, low / medium	Beet, sugar	LOW	FULL	Harvesting, Mechanical	0	No TC						
Field / row crop, low / medium	Beet, sugar	LOW	FULL	Weeding, Mechanical	0	No TC						
Field / row crop, low / medium	Beet, sugar	LOW	MIN	Irrigation (non-hand set)	0	No TC						
Field / row crop, low /	Poot sugar	LOW	MIN	Scouting	210	CC.	AR1025	Cotton	Scouting	42851302		
medium	Beet, sugar	LOW	IVIIIA	Scouning	210	SSr	AR1027	Tomato, Fresh	Scouting	42974501		
	Beet, sugar	LOW	MIN	Thinning (plants)	70	SW	AR1006	Cotton	Hand Weeding	42851302		
Field / row crop, low / medium							AR1018	Cotton	Hand Weeding	42689103		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
							AR1006	Cotton	Hand Weeding	42851302		
Field / row crop, low / medium	Beet, sugar	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
Field / row crop, low / medium	Beet, sugar	LOW	MIN	Weeding, Mechanical	0	No TC						
Field / row crop, low /	***	1 011		g .	1100	g g	ARF009	Corn, Sweet	Scouting	45005904		
medium	Wheat, spring	g LOW	OW FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908		
Field / row crop, low / medium	Wheat, spring	LOW	FULL	Harvesting, Mechanical	0	No TC						
Field / row crop, low / medium	Wheat, spring	LOW	FULL	Swathing, Mechanical	0	No TC						
Field / row crop, low /	Wheat, spring	LOW	MIN	Scouting	1100	SSs	ARF009	Corn, Sweet	Scouting	45005904		

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coefi	icients				
	Crop			Activity	Transfer Coefficient	Exposure Study Information						
Crop Group		Crop Height	Foliage Density			ARTF Data Cluster		-		EPA		
		220.9	2011,010,3		(cm²/hr)	Code	Study ID	Crop	Activity	MRID		
medium							ARF021	Beans/Peas, Dry	Scouting	45005908		
Field / row crop, low / medium	Wheat, spring	LOW	FULL	Irrigation (non-hand set)	0	No TC						
Field / row crop, low / medium	Wheat, spring	LOW	FULL	Baling Straw	0	No TC						
							AR1006	Cotton	Hand Weeding	42851302		
Field / row crop, low / medium	Wheat, spring	LOW	MIN	Weeding, Hand	70	SW	SW AR1018	Cotton	Hand Weeding	42689103		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
	Wheat, spring	LOW		Weeding, Hand			AR1006	Cotton	Hand Weeding	42851302		
Field / row crop, low / medium			FULL		70	SW	AR1018		Hand Weeding	42689103		
								Beans/Peas, Dry	Hand Weeding	42689104		
Field / row crop, low / medium	Wheat, winter	LOW	FULL	Irrigation (non-hand set)	0	No TC						
Field / row crop, low /	Wheet winter	LOW	FULL	Scouting	1100	SSs	ARF009	Corn, Sweet	Scouting	45005904		
medium	Wheat, winter	LOW	FULL	Scouting	1100	338	ARF021	Beans/Peas, Dry	Scouting	45005908		
Field / row crop, low / medium	Wheat, winter	LOW	FULL	Harvesting, Mechanical	0	No TC						
		LOW					AR1006	Cotton	Hand Weeding	42851302		
Field / row crop, low / medium	Wheat, winter		FULL	Weeding, Hand	70	SW	SW AR1018	Cotton	Hand Weeding	42689103		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
Field / row crop, low / medium	Wheat, winter	LOW	MIN	Irrigation (non-hand set)	0	No TC						
Field / row crop, low /	Wheet winter	, winter LOW	MIN	Scouting	1100	SSs	ARF009	Corn, Sweet	Scouting	45005904		
medium	Wheat, winter	LOW	IVIIIN		1100	208	ARF021	Beans/Peas, Dry	Scouting	45005908		
Field / row crop, low / medium	Wheat, winter	LOW	FULL	Baling Straw	0	No TC						
Field / row crop, low / medium	Wheat, winter	LOW	FULL	Swathing, Mechanical	0	No TC						

Transfer Coefficient Table Post-application Agricultural Crop-Activity Combinations and Recommended Transfer Coefficients												
	Crop			Activity	Transfer Coefficient (cm²/hr)	Exposure Study Information						
Crop Group		Crop Height	Foliage Density			ARTF Data Cluster		Comm	A	EPA		
			·			Code	Study ID	Стор	Activity	MRID		
							AR1006	Cotton	Hand Weeding	42851302		
Field / row crop, low / medium	Wheat, winter	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103		
mediam							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
Field / row crop, tall	Sorghum, grain	HIGH	FULL	Irrigation (non-hand set)	0	No TC						
E. 11/	Sorghum,	шен	ЕШ	Scouting	210	a a	AR1025	Cotton	Scouting	42851302		
Field / row crop, tall	grain	HIGH	FULL		210	SSr	AR1027	R1027 Tomato, Fresh Scout	Scouting	42974501		
E. 11/	Sorghum, grain	LOW		Scouting	210	g g	AR1025	Cotton	Scouting	42851302		
Field / row crop, tall		LOW	FULL		210	SSr	AR1027	AR1027 Tomato, Fresh S	Scouting	42974501		
Field / row crop, tall	Sorghum, grain	HIGH	FULL	Harvesting, Mechanical	0	No TC						
Field / row crop, tall	Sorghum, grain	HIGH	FULL	Weeding, Mechanical	0	No TC						
Field / row crop, tall	Sorghum, grain	LOW	FULL	Weeding, Mechanical	0	No TC						
	Sorghum, grain	HIGH		Weeding, Hand	70	SW	AR1006	Cotton	Hand Weeding	42851302		
Field / row crop, tall			FULL				AR1018	Cotton	Hand Weeding	42689103		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
							AR1006	Cotton	Hand Weeding	42851302		
Field / row crop, tall	Sorghum, grain	LOW	FULL	Weeding, Hand	70	SW	SW AR1018	Cotton	Hand Weeding	42689103		
	gram					AR1019	AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
Field / row crop, tall	Sorghum,	LOW	MIN	Sacretin -	210	SSr	AR1025	Cotton	Scouting	42851302		
ricia / row crop, tan	grain	LOW	141114	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501		
							AR1006	Cotton	Hand Weeding	42851302		
Field / row crop, tall	Sorghum, grain	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103		
_							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		F	Exposure Study Inf	ormation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Crop	Activity	EPA
			·		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Field / row crop, tall	Sorghum, grain	LOW	MIN	Weeding, Mechanical	0	No TC				
Field / row crop, tall	Sunflower	HIGH	FULL	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Field / row crop, tall	Sunflower	LOW	MIN	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Field / row crop, tall	Sunflower	HIGH	FULL	Bird Control	90	HS	ARF022	Sunflower	Scouting	45005909
Field / row crop, tall	Sunflower	LOW	FULL	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Field / row crop, tall	Sunflower	HIGH	MIN	Harvesting, Mechanical	0	No TC				
Field / row crop, tall	Sunflower	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, tall	Corn, field, grain	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, tall	Corn, field, grain	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
	Corn, field,						ARF009	Corn, Sweet	Scouting	45005904
Field / row crop, tall	grain	HIGH	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, tall	Corn, field, grain	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, tall	Corn, field, grain	HIGH	FULL	Weeding, Mechanical	0	No TC				
Field / row crop, tall	Corn, field,	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
rieid / fow crop, tail	grain	LOW	IVIIN	Scoung	210	331	AR1027	Tomato, Fresh	Scouting	42974501
Field / row crop, tall	Corn, field, grain	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, tall	Corn, field, grain	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Field / row crop, tall	Corn, field, grain	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, tall	Corn, field, grain	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, tall	Corn, field, grain	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, tall	Corn, field, grain	HIGH	FULL	Topping	0	No TC				

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Crop	Activity	EPA
		9	·		(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
Field / row crop, tall	Corn, field, grain	LOW	MIN	Weeding, Mechanical	0	No TC				
Field / row crop, tall	Corn, field,	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
rield / fow crop, tail	grain	LOW	FOLL	Scouning	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, tall	Corn, field, grain	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
	8						AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, tall	Corn, field, grain	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Field / row crop, tall	Corn, field/pop/sweet , seed	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, tall	Corn, field/pop/sweet , seed	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
F: 11 /	Corn,	, man		g .	1100	g g	ARF009	Corn, Sweet	Scouting	45005904
Field / row crop, tall	field/pop/sweet , seed	HIGH	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, tall	Corn, field/pop/sweet , seed	HIGH	FULL	Harvesting, Mechanical	0	No TC				
E: 11 /	Corn,	HIGH	FILL	Detasseling (hand and	8800	Sx	ARF010	Sweet Corn, Fresh	Hand Harvesting	45005905
Field / row crop, tall	field/pop/sweet , seed	HIGH	FULL	mechanically-assisted)	8800	(EPA)	AR1033	Sweet Corn, Fresh	Hand Harvesting	48866801
Field / row crop, tall	Corn, field/pop/sweet , seed	HIGH	FULL	Weeding, Mechanical	0	No TC				
Field / row crop, tall	Corn, field/pop/sweet	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
riciu / iow ciop, tali	, seed	LOW	IVIIIN	Scouning	210	SSI	AR1027	Tomato, Fresh	Scouting	42974501

		Post-applic	ation Agrici	Transfer Coeffi ultural Crop-Activity Combir		ommended '	Transfer Coef	ficients		
					Transfer			Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cron	A odinitu	EPA
		D	v		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Field / row crop, tall	Corn, field/pop/sweet , seed	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, tall	Corn, field/pop/sweet , seed	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Field / row crop, tall	Corn, field/pop/sweet , seed	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, tall	Corn, field/pop/sweet , seed	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, tall	Corn, field/pop/sweet , seed	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, tall	Corn, field/pop/sweet , seed	HIGH	FULL	Topping	0	No TC				
Field / row crop, tall	Corn, field/pop/sweet , seed	LOW	MIN	Weeding, Mechanical	0	No TC				
Field / row crop, tall	Corn, field/pop/sweet	LOW	FULL	Coopting	210	SSr	AR1025	Cotton	Scouting	42851302
Field / fow crop, tall	, seed	LOW	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
	Corn,						AR1006	Cotton	Hand Weeding	42851302
Field / row crop, tall	field/pop/sweet	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
	, seed						AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, tall	Corn, field/pop/sweet	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
	, seed						AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Field / row crop, tall	Corn, pop, grain	HIGH	FULL	Irrigation (non-hand set)	0	No TC		·		
Field / row crop, tall	Corn, pop, grain	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, tall	Corn, pop,	HIGH	FULL	Scouting	1100	SSs	ARF009	Corn, Sweet	Scouting	45005904

		Post-applic	cation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	G	A -41-14-	EPA
					(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
	grain						ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, tall	Corn, pop, grain	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, tall	Corn, pop, grain	HIGH	FULL	Weeding, Mechanical	0	No TC				
Field / row crop, tall	Corn, pop,	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
rieid / fow crop, tail	grain	LOW	IVIIIN	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
Field / row crop, tall	Corn, pop, grain	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, tall	Corn, pop, grain	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Field / row crop, tall	Corn, pop, grain	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, tall	Corn, pop, grain	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, tall	Corn, pop, grain	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, tall	Corn, pop, grain	HIGH	FULL	Topping	0	No TC				
Field / row crop, tall	Corn, pop, grain	LOW	MIN	Weeding, Mechanical	0	No TC				
Field / row crop, tall	Corn, pop,	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
r iciu / row crop, tan	grain	LOW	POLL	Scouning	210	551	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, tall	Corn, pop, grain	LOW	MIN	Weeding, Hand	70	sw	AR1018	Cotton	Hand Weeding	42689103
	8						AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, tall	Corn, pop, grain	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
	Simil						AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Field / row crop, tall	Corn, sweet, grain	HIGH	FULL	Irrigation (non-hand set)	0	No TC				

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Consta	A	EPA
					(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
Field / row crop, tall	Corn, sweet, grain	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
E. 11/	Corn, sweet,	IIICII		g .·	1100	aa	ARF009	Corn, Sweet	Scouting	45005904
Field / row crop, tall	grain	HIGH	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, tall	Corn, sweet,	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
ricid / fow crop, tail	grain	LOW	FOLL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
Field / row crop, tall	Corn, sweet,	HIGH	FULL	Harvesting, Hand	8800	Sx	ARF010	Sweet Corn, Fresh	Hand Harvesting	45005905
ricia / fow crop, tan	grain	mon	FOLL	That vesting, Trand	8800	(EPA)	AR1033	Sweet Corn, Fresh	Hand Harvesting	48866801
Field / row crop, tall	Corn, sweet, grain	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, tall	Corn, sweet, grain	HIGH	FULL	Weeding, Mechanical	0	No TC				
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, tall	Corn, sweet, grain	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
	8						AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Field / row crop, tall	Corn, sweet,	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
ricid / fow crop, tan	grain	LOW	IVIIIV	Scouling	210	551	AR1027	Tomato, Fresh	Scouting	42974501
Field / row crop, tall	Corn, sweet, grain	LOW	MIN	Weeding, Mechanical	0	No TC				
Field / row crop, tall	Corn, sweet, grain	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, tall	Corn, sweet, grain	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Field / row crop, tall	Corn, sweet, grain	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, tall	Corn, sweet, grain	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, tall	Corn, sweet, grain	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, tall	Corn, sweet, grain	HIGH	FULL	Topping	0	No TC				

		Post-applic	ation Agricu	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, tall	Corn, sweet, grain	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
	gruin						AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Field / row crop, tall	Corn, sweet, processing	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, tall	Corn, sweet, processing	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
	Corn, sweet,				4400		ARF009	Corn, Sweet	Scouting	45005904
Field / row crop, tall	processing	HIGH	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Field / row crop, tall	Corn, sweet, processing	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, tall	Corn, sweet, processing	HIGH	FULL	Weeding, Mechanical	0	No TC				
Field / row crop, tall	Corn, sweet,	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
rieid / fow crop, tail	processing	LOW	WIIIN	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
Field / row crop, tall	Corn, sweet, processing	LOW	FULL	Harvesting, Mechanical	0	No TC				
Field / row crop, tall	Corn, sweet, processing	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Field / row crop, tall	Corn, sweet, processing	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, tall	Corn, sweet, processing	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Field / row crop, tall	Corn, sweet, processing	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Field / row crop, tall	Corn, sweet, processing	HIGH	FULL	Topping	0	No TC				
Field / row crop, tall	Corn, sweet, processing	LOW	MIN	Weeding, Mechanical	0	No TC				
Field / row crop, tall	Corn, sweet,	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
riciu / row crop, tall	processing	LOW	PULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
Field / row crop, tall	Corn, sweet,	LOW	MIN	Weeding, Hand	70	SW	AR1006	Cotton	Hand Weeding	42851302

		Post-applic	ation Agricu	Transfer Coef altural Crop-Activity Comb		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF I	Data Cluster	Crop	A otivity.	EPA
					(cm <sup>2</sup> /hr)	Code	Study ID	Сгор	Activity	MRID
	processing						AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Field / row crop, tall	Corn, sweet, processing	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Flowers, cut	Floriculture Crop	HIGH	FULL	Harvesting, Hand	4800	GHf	ARF055	Nursery Crops	Hand Harvesting	46789301
Flowers, cut	Floriculture Crop	LOW	FULL	Harvesting, Hand	4800	GHf	ARF055	Nursery Crops	Hand Harvesting	46789301
							ARF039	Chrysanthemu ms	Pinching	45344501
Flowers, cut	Floriculture Crop	LOW	FULL	Container Moving	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							ARF039	Chrysanthemu ms	Pinching	45344501
Flowers, cut	Floriculture Crop	LOW	FULL	Pinching	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							ARF039	Chrysanthemu ms	Pinching	45344501
Flowers, cut	Floriculture Crop	HIGH	FULL	Pruning, Hand	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							ARF039	Chrysanthemu ms	Pinching	45344501
Flowers, cut	Floriculture Crop	LOW	FULL	Pruning, Hand	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
	171 . 1.						ARF039	Chrysanthemu ms	Pinching	45344501
Flowers, cut	Floriculture Crop	LOW	FULL	Weeding, Hand	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Сгор	Activity	EPA
		S	·		(cm²/hr)	Code	Study ID	Стор	Activity	MRID
							ARF039	Chrysanthemu ms	Pinching	45344501
Flowers, cut	Floriculture Crop	HIGH	FULL	Weeding, Hand	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Flowers, cut	Floriculture Crop	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Flowers, cut	Floriculture Crop	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Flowers, cut	Floriculture Crop	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
							ARF039	Chrysanthemu ms	Pinching	45344501
Flowers, cut	Floriculture Crop	HIGH	FULL	Scouting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							ARF039	Chrysanthemu ms	Pinching	45344501
Flowers, cut	Floriculture Crop	LOW	FULL	Scouting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							ARF039	Chrysanthemu ms	Pinching	45344501
Flowers, cut	Floriculture Crop	LOW	FULL	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Flowers, cut	Floriculture Crop	LOW	MIN	Weeding, Mechanical	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Flowers, cut	Floriculture Crop	LOW	MIN	Weeding, Hand	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							ARF039	Chrysanthemu ms	Pinching	45344501
Flowers, cut	Floriculture Crop	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502

		Post-applic	ation Agrici	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
		l ost uppne		artin or op receiving common				Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Transfer Coefficient	ARTF D	ata Cluster	G		EPA
		11019110	Zonstoj		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							ARF039	Chrysanthemu ms	Pinching	45344501
Flowers, cut	Floriculture Crop	LOW	MIN	Pinching	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Curana	C	шси		C4:	1100	CC-	ARF009	Corn, Sweet	Scouting	45005904
Sugarcane	Sugarcane	HIGH	FULL	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Sugarcane	Sugarcane	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Sugarcane	Sugarcane	HIGH	FULL	Weeding, Mechanical	0	No TC				
G.	g	шен	MIN	g .:	1100	a a	ARF009	Corn, Sweet	Scouting	45005904
Sugarcane	Sugarcane	HIGH	MIN	Scouting	1100	SSs	ARF021	Beans/Peas, Dry	Scouting	45005908
Sugarcane	Sugarcane	HIGH	MIN	Weeding, Mechanical	0	No TC				
							AR1006	Cotton	Hand Weeding	42851302
Sugarcane	Sugarcane	HIGH	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Sugarcane	Sugarcane	LOW	MIN	Transplanting	0	No TC				
							AR1006	Cotton	Hand Weeding	42851302
Sugarcane	Sugarcane	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Tree, "fruit", deciduous	Apple	HIGH	FULL	Scouting	580	OP	ARF033	Olive	Hand Pruning	45175102
rice, munt, deciduous	Арріс	IIIOII	POLL	Scouning	300	Oi	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Apple	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Apple	HIGH	FULL	Harvesting, Hand	1400	ОН	AR1002	Peach	Hand Harvesting	42830002
rice, munt, deciduous	Арріс	IIIOII	FULL	marvesting, manu	1400	(EPA)	AR1014	Peach	Hand Harvesting	40975308

		Post-applic	ation Agrici	Transfer Coeff ıltural Crop-Activity Combi	icient Table nations and Rec	ommended '	Transfer Coef	ficients		
				•	Transfer			Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA
		ð	·		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							AR1021	Peach	Hand Harvesting	40966501
							ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", deciduous	Apple	HIGH	FULL	Propping	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Apple	HIGH	FULL	Orchard maintenance	100	OW	AR1017	Peach	Propping	43297603
Tree, "fruit", deciduous	Amala	HIGH	EIIII	Dunning Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, Truit, deciduous	Apple	піоп	FULL	Pruning, Hand	380	OP	ARF047	Apple	Hand Pruning	45480302
T "C:4" 1 -: 1	A1 -	шси		T	500	OD	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Apple	HIGH	FULL	Training	580	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Apple	HIGH	FULL	Weeding, Mechanical	0	No TC				
Tree, "fruit", deciduous	Apple	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Tree, "fruit", deciduous	Apple	HIGH	MIN	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", deciduous	Apple	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", deciduous	Apple	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", deciduous	Apple	HIGH	MIN	Frost Control	0	No TC				
Tree, "fruit", deciduous	Apple	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", deciduous	Apple	HIGH	FULL	Spreading Bins	0	No TC				
Tree, "fruit", deciduous	Apple	LOW	FULL	Weeding, Mechanical	0	No TC				

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combi		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwan	A otivite.	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Trac "fruit" deciduous	Amala	LOW	MINI	Daning Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Apple	LOW	MIN	Pruning, Hand	360	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Apple	LOW	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Apple	HIGH	FULL	Thinning Fruit	3600	OT (EPA)	AR1003	Apple	Thinning	42428101
Tree, "fruit", deciduous	Amminat	шси		Coopting	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, Truit, deciduous	Apricot	HIGH	FULL	Scouting	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Apricot	HIGH	FULL	Orchard maintenance	100	ow	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Apricot	HIGH	FULL	Propping	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Apricot	HIGH	FULL	Thinning Fruit	3600	OT (EPA)	AR1003	Apple	Thinning	42428101
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", deciduous	Apricot	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree "fruit" deciduous	Amminat	HIGH	FULL	Pruning, Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Apricot	піоп	FULL	Fruning, Hand	360	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Apricot	HIGH	FULL	Weeding, Mechanical	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", deciduous	Apricot	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", deciduous	Apricot	HIGH	FULL	Fertilizing	0	No TC				

		Post-applic	ation Agrici	Transfer Coeff altural Crop-Activity Combin		ommended '	Transfer Coeff	icients		
					T		E	xposure Study I1	nformation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Transfer Coefficient	ARTF D	ata Cluster		A 41 14	EPA
		120.9	20110103		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Tree, "fruit", deciduous	Apricot	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Tree, "fruit", deciduous	Apricot	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", deciduous	Apricot	HIGH	FULL	Spreading Bins	0	No TC				
Tree, "fruit", deciduous	Apricot	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
Trae "fruit" deciduous	Aprilant	LOW	MIN	Secuting	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Apricot	LOW	IVIIIN	Scouting	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Apricot	HIGH	FULL	Bird Control	100	ow	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Apricot	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Amminat	HIGH	FULL	Training	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, fruit, deciduous	Apricot	піоп	FULL	Training	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Cherry	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", deciduous	Cherry	HIGH	FULL	Orchard maintenance	100	ow	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Cl ·····	шси		C	500	OD	ARF033	Olive	Hand Pruning	45175102
Tree, Truit, deciduous	Cherry	HIGH	FULL	Scouting	580	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Cherry	HIGH	FULL	Weeding, Hand	100	ow	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Cherry	HIGH	FULL	Thinning Fruit	3600	OT (EPA)	AR1003	Apple	Thinning	42428101
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
Tree, "fruit", deciduous	Cherry	HIGH	FULL	Harvesting, Hand	1400	ОН	AR1021	Peach	Hand Harvesting	40966501
rice, mun , deciduous	Cheffy	ШОП	FULL	maivesting, riand	1400	(EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwan	A otivite.	EPA
			·		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							ARF042	Grapefruit	Hand Harvesting	45432302
Troe "fruit" deciduous	Chamri	HIGH	FULL	Pruning, Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Cherry	піоп	FULL	Fruining, Hand	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Cherry	HIGH	FULL	Fertilizing	0	No TC				
Tree, "fruit", deciduous	Cherry	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Tree, "fruit", deciduous	Cherry	HIGH	FULL	Weeding, Mechanical	0	No TC				
Tree, "fruit", deciduous	Cherry	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", deciduous	Cherry	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", deciduous	Cherry	HIGH	FULL	Spreading Bins	0	No TC				
Tree, "fruit", deciduous	Chamri	LOW	MINI	Coopting	580	OP	ARF033	Olive	Hand Pruning	45175102
rree, fruit , deciduous	Cherry	LOW	MIN	Scouting	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Cherry	HIGH	FULL	Bird Control	100	ow	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Cherry	HIGH	FULL	Propping	100	ow	AR1017	Peach	Propping	43297602
T "c:" d:.d	Ch - ·····	HIGH	FULL	Tarinina	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Cherry	HIGH	FULL	Training	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Fig	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", deciduous	Fig	HIGH	FULL	Orchard maintenance	100	ow	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	D: ~	HIGH	FULL	Sacretina	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, Truit, deciddous	Fig	піоп	FULL	Scouting	360	OF	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Fig	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient (cm <sup>2</sup> /hr)	ARTF D	ata Cluster	Crop	Activity	EPA
		J	·		(cm²/nr)	Code	Study ID	Стор	Activity	MRID
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", deciduous	Fig	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", deciduous	Fig	HIGH	FULL	Pruning, Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
riee, mun , deciduous	rig	nion	FULL	Fiulling, Hand	360	Or	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Fig	HIGH	FULL	Weeding, Mechanical	0	No TC				
Tree, "fruit", deciduous	Fig	HIGH	FULL	Harvesting, Mechanical	0	No TC				
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", deciduous	Fig	HIGH	FULL	Pollination	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", deciduous	Fig	HIGH	MIN	Weeding, Mechanical	0	No TC				
Tree, "fruit", deciduous	Fig	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
Tree, "fruit", deciduous	Fig	LOW	MIN	Transplanting	230	GN	ARF039	Chrysanthemu ms	Pinching	45344501
							ARF043	Nursery Citrus	Pruning	45469501

		Post-applic	ation Agrici	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer			Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	<b>C</b>	A -4**4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", deciduous	Lychee	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", deciduous	Lychee	HIGH	FULL	Orchard maintenance	100	ow	AR1017	Peach	Propping	43297602
T ((C:4)? 1:1	I analasa	шси		C	580	OD	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Lychee	HIGH	FULL	Scouting	380	OP	ARF047	Apple	Hand Pruning	45480302
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", deciduous	Lychee	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", deciduous	Lychee	HIGH	FULL	Weeding, Hand	100	ow	AR1017	Peach	Propping	43297602
Trac "fruit" deciduous	Lyahaa	шси	EIIII	Dunning Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Lychee	HIGH	FULL	Pruning, Hand	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Lychee	HIGH	FULL	Weeding, Mechanical	0	No TC				
Trac "fruit" deciduous	Lyahaa	HIGH	MIN	Pruning, Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Lychee	піоп	IVIIIN	Fruining, Hand	380	OP	ARF047	Apple	Hand Pruning	45480302
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", deciduous	Lychee	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", deciduous	Nectarine	HIGH	FULL	Sacretina	580	OP	ARF033	Olive	Hand Pruning	45175102
Tiee, fruit, deciduous	Nectarnie	пон	FULL	Scouting	300	Or	ARF047	Apple	Hand Pruning	45480302

		Post-applic	ation Agrici	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Crop	Activity	EPA
		ð	·		(cm <sup>2</sup> /hr)	Code	Study ID	Сгор	Activity	MRID
Tree, "fruit", deciduous	Nectarine	HIGH	FULL	Orchard maintenance	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Nectarine	HIGH	FULL	Thinning Fruit	3600	OT (EPA)	AR1003	Apple	Thinning	42428101
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", deciduous	Nectarine	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
						, ,	ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Troe "fruit" deciduous	Nectarine	HIGH	FULL	Duning Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Nectarine	піоп	FULL	Pruning, Hand	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Nectarine	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", deciduous	Nectarine	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", deciduous	Nectarine	HIGH	MIN	Fertilizing	0	No TC				
Tree, "fruit", deciduous	Nectarine	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Tree, "fruit", deciduous	Nectarine	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", deciduous	Nectarine	HIGH	FULL	Spreading Bins	0	No TC				
Tree, "fruit", deciduous	Nectarine	HIGH	FULL	Weeding, Mechanical	0	No TC				
Tree, "fruit", deciduous	Nectarine	HIGH	FULL	Propping	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Nectarine	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combi		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA
					(cm <sup>2</sup> /hr)	Code	Study ID	Crop	Activity	MRID
T ((C:42) 1:1	NI 4	IIICII		Territorio	500	OD	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Nectarine	HIGH	FULL	Training	580	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Peach	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", deciduous	Peach	HIGH	FULL	Orchard maintenance	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Peach	HIGH	FULL	Scouting	580	OP	ARF033	Olive	Hand Pruning	45175102
riee, fruit , deciduous	reacii	поп	FULL	Scouting	360	Or	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Peach	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Peach	HIGH	FULL	Thinning Fruit	3600	OT (EPA)	AR1003	Apple	Thinning	42428101
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", deciduous	Peach	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree "fruit" deciduous	Doooh	HIGH	FULL	Dunning Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Peach	піоп	FULL	Pruning, Hand	360	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Peach	HIGH	FULL	Weeding, Mechanical	0	No TC				
Tree, "fruit", deciduous	Peach	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", deciduous	Peach	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coeff	ïcients		
					Transfer		E	xposure Study Ir	nformation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Tree, "fruit", deciduous	Peach	HIGH	MIN	Fertilizing	0	No TC				
Tree, "fruit", deciduous	Peach	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Tree, "fruit", deciduous	Peach	HIGH	FULL	Spreading Bins	0	No TC				
Tree, "fruit", deciduous	Peach	HIGH	FULL	Propping	100	ow	AR1017	Peach	Propping	43297602
Τ "ε:ν' 1:1	D1-	ШСП		Taninina	580	OD	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Peach	HIGH	FULL	Training	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Pear	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", deciduous	Pear	HIGH	FULL	Orchard maintenance	100	OW	AR1017	Peach	Propping	43297602
T "C '.' 1 '1	D	HIGH	ЕШТ	G	500	OD	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Pear	HIGH	FULL	Scouting	580	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Pear	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Pear	HIGH	FULL	Thinning Fruit	3600	OT (EPA)	AR1003	Apple	Thinning	42428101
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", deciduous	Pear	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
						,	ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Trop "fm:'4" ]-::	De	ШСИ	EILI	Dannin - II1	500	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Pear	HIGH	FULL	Pruning, Hand	580	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Pear	HIGH	FULL	Weeding, Mechanical	0	No TC				
Tree, "fruit", deciduous	Pear	HIGH	MIN	Scouting	580	OP	ARF033	Olive	Hand Pruning	45175102

		Post-applic	ation Agrici	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	<b>C</b>	A -4**4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Pear	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", deciduous	Pear	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", deciduous	Pear	HIGH	FULL	Fertilizing	0	No TC				
Tree, "fruit", deciduous	Pear	HIGH	FULL	Propping	100	OW	AR1017	Peach	Propping	43297602
Trace "fruit" deciduous	Pear	HIGH	FULL	Troining	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	real	поп	FULL	Training	360	Or	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Plum, prune	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", deciduous	Dl	HIGH		C	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, Truit, deciduous	Plum, prune	піоп	FULL	Scouting	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Plum, prune	HIGH	FULL	Orchard maintenance	100	ow	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Plum, prune	HIGH	FULL	Thinning Fruit	3600	OT (EPA)	AR1003	Apple	Thinning	42428101
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", deciduous	Plum, prune	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
						(== 1.2)	ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", deciduous	Plum, prune	HIGH	FULL	Pruning, Hand	580	OP	ARF033	Olive	Hand Pruning	45175102

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Corre	A -4**4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Plum, prune	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Tree, "fruit", deciduous	Plum, prune	HIGH	FULL	Weeding, Mechanical	0	No TC				
Tree, "fruit", deciduous	Plum, prune	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", deciduous	Plum, prune	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", deciduous	Plum, prune	HIGH	MIN	Fertilizing	0	No TC				
Tree, "fruit", deciduous	Plum, prune	HIGH	FULL	Spreading Bins	0	No TC				
Tree, "fruit", deciduous	Plum, prune	HIGH	FULL	Propping	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Plum, prune	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", deciduous	Plum, prune	HIGH	FULL	Training	580	OP	ARF033	Olive	Hand Pruning	45175102
riee, mun , deciduous	Fluin, prune	nion	FULL	Training	360	Or	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Pomegranate	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", deciduous	Pomegranate	HIGH	FULL	Orchard maintenance	100	OW	AR1017	Peach	Propping	43297602
T (C:42) 1	D	HIGH	FULL	C	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Pomegranate	HIGH	FULL	Scouting	380	OP	ARF047	Apple	Hand Pruning	45480302
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
Tree, "fruit", deciduous	Pomegranate	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	AR1021	Peach	Hand Harvesting	40966501
							ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101

		Post-applic	ation Agrici	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwan	A otivite.	EPA
		8	·		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", deciduous	Pomegranate	HIGH	FULL	Weeding, Hand	100	ow	AR1017	Peach	Propping	43297602
Trac "fruit" deciduous	Domograpato	шси	БШ	Dunning Hand	590	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Pomegranate	HIGH	FULL	Pruning, Hand	580	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Pomegranate	HIGH	FULL	Weeding, Mechanical	0	No TC				
T "C:4" 1 -: 1	D	шси	MINI	Downing Hand	500	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Pomegranate	HIGH	MIN	Pruning, Hand	580	OP	ARF047	Apple	Hand Pruning	45480302
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", deciduous	Pomegranate	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", deciduous	Sugar Apple	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", deciduous	Sugar Apple	HIGH	FULL	Orchard maintenance	100	ow	AR1017	Peach	Propping	43297602
T ((C:42) 1:1	C A1-	HIGH		C4:	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Sugar Apple	HIGH	FULL	Scouting	380	OP	ARF047	Apple	Hand Pruning	45480302
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", deciduous	Sugar Apple	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", deciduous	Sugar Apple	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602

		Post-applic	ation Agricu	Transfer Coeffi ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwon	A otivite.	EPA
		ð	·		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Tree, "fruit", deciduous	C A1-	HIGH	FULL	Don's a Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, Truit, deciduous	Sugar Apple	піоп	FULL	Pruning, Hand	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", deciduous	Sugar Apple	HIGH	FULL	Weeding, Mechanical	0	No TC				
Trac "fruit" deciduous	Sugar Appla	шси	MIN	Pruning, Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", deciduous	Sugar Apple	HIGH	IVIIIN	Fruillig, Halid	380	OP	ARF047	Apple	Hand Pruning	45480302
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", deciduous	Sugar Apple	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", evergreen	Avocado	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", evergreen	Avocado	HIGH	FULL	Orchard maintenance	100	ow	AR1017	Peach	Propping	43297602
Tree, "fruit", evergreen	Avanada	HIGH	FULL	Caputina	580	OP	ARF033	Olive	Hand Pruning	45175102
rree, fruit , evergreen	Avocado	піоп	FULL	Scouting	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Avocado	HIGH	FULL	Weeding, Hand	100	ow	AR1017	Peach	Propping	43297602
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", evergreen	Avocado	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", evergreen	Avocado	HIGH	FULL	Pruning, Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, muit, evergreen	Avocado	пип	FULL	Framing, Halla	300	OF	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Avocado	HIGH	FULL	Weeding, Mechanical	0	No TC				

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
				, v	Transfer			Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Corre	A -4**4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Tree, "fruit", evergreen	Avocado	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", evergreen	Avocado	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", evergreen	Christmas tree	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", evergreen	Christmas tree	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", evergreen	Christmas tree	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Tree, "fruit", evergreen	Christmas tree	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Tree, "fruit", evergreen	Chui-tur tur-	шен		S	500	OP	ARF033	Olive	Hand Pruning	45175102
Tree, Truit, evergreen	Christmas tree	HIGH	FULL	Scouting	580	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Christmas tree	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", evergreen	Christmas tree	HIGH	FULL	Harvesting	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", evergreen	Christmas tree	HIGH	FULL	Fertilizing	0	No TC				
Tree, "fruit", evergreen	Christmas tree	HIGH	FULL	Weeding, Mechanical	0	No TC				
Tree, "fruit", evergreen	Christmas tree	HIGH	FULL	Grading/Tagging	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", evergreen	Christmas tree	HIGH	FULL	Pruning, Mechanical	0	No TC				

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combi		ommended	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient (cm <sup>2</sup> /hr)	ARTF D	ata Cluster	Сгор	Activity	EPA
		J	·		(cm <sup>2</sup> /nr)	Code	Study ID	Стор	Activity	MRID
Tree, "fruit", evergreen	Christmas tree	LOW	MIN	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", evergreen	Christmas tree	LOW	MIN	Weeding, Mechanical	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", evergreen	Christmas tree	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", evergreen	Christmas tree	LOW	MIN	Scouting	580	OP	ARF033	Olive	Hand Pruning	45175102
Tiee, fruit , evergreen	Christmas tree	LOW	IVIIIN	Scouting	380	Of	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Christmas tree	HIGH	FULL	Shaping	580	OP	ARF033	Olive	Hand Pruning	45175102
riee, muit , evergreen	Christmas tree	nion	FULL	Shaping	360	Or	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Christmas tree	LOW	MIN	Grading/Tagging	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", evergreen	Date	HIGH	FULL	Scouting	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, fruit , evergreen	Date	пібп	FULL	Scouting	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Date	HIGH	FULL	Weeding, Hand	100	ow	AR1017	Peach	Propping	43297602
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", evergreen	Date	HIGH	FULL	Bagging Fruit	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
							AR1002	Peach	Hand Harvesting	42830002
Tree, "fruit", evergreen	Date	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combi		ommended	Transfer Coeff	icients		
					Transfer		E	xposure Study Ir	nformation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient (cm²/hr)	ARTF D	ata Cluster	Crop	Activity	EPA
					(cm-/nr)	Code	Study ID	Стор	Activity	MRID
							ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", evergreen	Date	HIGH	FULL	Pollination	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
						,	ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", evergreen	Date	HIGH	FULL	Thinning Fruit	3600	OT (EPA)	AR1003	Apple	Thinning	42428101
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", evergreen	Date	HIGH	FULL	Pruning, Hand	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
						(====)	ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", evergreen	Date	HIGH	FULL	Weeding, Mechanical	0	No TC				
							AR1002	Peach	Hand Harvesting	42830002
Tree, "fruit", evergreen	Date	HIGH	FULL	Dethorning Trees	1400	OH (EPA)	AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	C	A	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", evergreen	Date	HIGH	FULL	Harvesting, Mechanical	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", evergreen	Date	HIGH	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", evergreen	Date	HIGH	FULL	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", evergreen	Dragonfruit	HIGH	FULL	Scouting	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, muit, evergreen	Diagonifult	nion	FULL	Scouning	360	Or	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Dragonfruit	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", evergreen	Dragonfruit	HIGH	FULL	Bagging Fruit	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", evergreen	Dragonfruit	HIGH	FULL	Harvesting, Hand	1400	ОН	AR1002	Peach	Hand Harvesting	42830002
rice, muit , evergreen	Diagomiult	IIIOII	FULL	marvesting, mand	1400	(EPA)	AR1014	Peach	Hand Harvesting	40975308

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coeff	ïcients		
					Transfer		E	xposure Study Ir	nformation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient (cm <sup>2</sup> /hr)	ARTF D	ata Cluster	Crop	Activity	EPA
					(cm-/nr)	Code	Study ID	Стор	Activity	MRID
							AR1021	Peach	Hand Harvesting	40966501
							ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", evergreen	Dragonfruit	HIGH	FULL	Pollination	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", evergreen	Dragonfruit	HIGH	FULL	Thinning Fruit	3600	OT (EPA)	AR1003	Apple	Thinning	42428101
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", evergreen	Dragonfruit	HIGH	FULL	Pruning, Hand	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", evergreen	Dragonfruit	HIGH	FULL	Weeding, Mechanical	0	No TC				
Tree, "fruit", evergreen	Dragonfruit	HIGH	FULL	Dethorning Trees	1400	ОН	AR1002	Peach	Hand Harvesting	42830002
rice, muit, evergreen	Diagomiult	пон	FULL	Demorning frees	1400	(EPA)	AR1014	Peach	Hand Harvesting	40975308

		Post-applic	ation Agricı	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		E	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Crop	A ativitu	EPA
		8	·		(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
							AR1021	Peach	Hand Harvesting	40966501
							ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", evergreen	Dragonfruit	HIGH	FULL	Harvesting, Mechanical	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", evergreen	Dragonfruit	HIGH	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", evergreen	Dragonfruit	HIGH	FULL	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", evergreen	Grapefruit	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", evergreen	Grapefruit	HIGH	FULL	Orchard maintenance	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", evergreen	Grapefruit	HIGH	FULL	Scouting	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, muit, evergreen	Graperruit	nion	FULL	Scouting	360	Or	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Grapefruit	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
Tree, "fruit", evergreen	Grapefruit	HIGH	FULL	Harvesting, Hand	1400	ОН	AR1021	Peach	Hand Harvesting	40966501
rice, muit, evergreen	Graperruit	пон	FULL	maivesting, mand	1400	(EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301

		Post-applic	ation Agrici	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster			EPA
		110.9	2011,010,0		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							ARF042	Grapefruit	Hand Harvesting	45432302
T ((C:42)	C	IIICII		Descional Hand	500	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", evergreen	Grapefruit	HIGH	FULL	Pruning, Hand	580	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Grapefruit	HIGH	FULL	Weeding, Mechanical	0	No TC				
Tree, "fruit", evergreen	Grapefruit	HIGH	FULL	Baiting/Trapping	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", evergreen	Grapefruit	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", evergreen	Grapefruit	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", evergreen	Grapefruit	LOW	FULL	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", evergreen	Grapefruit	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", evergreen	Grapefruit	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", evergreen	Grapefruit	HIGH	FULL	Pruning, Mechanical	0	No TC				
Troe "fruit" evergreen	Composit	LOW	FULL	Cocuting	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", evergreen	Grapefruit	LOW	FULL	Scouting	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Grapefruit	LOW	FULL	Weeding, Hand	100	ow	AR1017	Peach	Propping	43297602
Tree, "fruit", evergreen	Lemon	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", evergreen	Lemon	HIGH	FULL	Orchard maintenance	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", evergreen	Lemon	HIGH	FULL	Scouting	580	OP	ARF033	Olive	Hand Pruning	45175102
				-			ARF047	Apple	Hand Pruning	45480302

		Post-applic	ation Agrici	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		E	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Crop	Activity	EPA
		J			(cm²/hr)	Code	Study ID	Стор	Activity	MRID
Tree, "fruit", evergreen	Lemon	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", evergreen	Lemon	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
TP	T	шан		D . II I	500	O.D.	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", evergreen	Lemon	HIGH	FULL	Pruning, Hand	580	OP	ARF047	Apple	Hand Pruning	45480302
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", evergreen	Lemon	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", evergreen	Lemon	LOW	FULL	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", evergreen	Lemon	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", evergreen	Lemon	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", evergreen	Lemon	HIGH	FULL	Pruning, Mechanical	0	No TC				
Tree, "fruit", evergreen	Lamon	LOW	FULL	Scouting	580	OP	ARF033	Olive	Hand Pruning	45175102
rice, mun , evergreen	Lemon	LOW	FULL	Scouting	300	OF	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Lemon	HIGH	FULL	Baiting/Trapping	100	ow	AR1017	Peach	Propping	43297602
Tree, "fruit", evergreen	Lemon	LOW	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602

		Post-applic	ation Agrici	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coeff	icients		
					Transfer		E	xposure Study I1	nformation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwam	A ativity	EPA
			·		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", evergreen	Mango	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", evergreen	Mango	HIGH	FULL	Thinning Fruit	3600	OT (EPA)	AR1003	Apple	Thinning	42428101
T "C:4"	Manaa	HIGH		Don's a Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", evergreen	Mango	HIGH	FULL	Pruning, Hand	580	OP	ARF047	Apple	Hand Pruning	45480302
T "C:4"	Mana	HCH		C4:	500	OD	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", evergreen	Mango	HIGH	FULL	Scouting	580	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Orange	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", evergreen	Orange	HIGH	FULL	Orchard maintenance	100	ow	AR1017	Peach	Propping	43297602
Tuon "funit" avanguan	Omomoo	шси	FULL	Coopting	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, "fruit", evergreen	Orange	HIGH	FULL	Scouting	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Orange	HIGH	FULL	Weeding, Hand	100	ow	AR1017	Peach	Propping	43297602
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
Troo "fm:it" avangraan	Omonoo	HIGH	FULL	Howarting Hand	1400	ОН	AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", evergreen	Orange	поп	FULL	Harvesting, Hand	1400	(EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301

		Post-applic	ation Agricı	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
				1	Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	G	A -4**4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", evergreen	Orongo	HIGH	FULL	Pruning, Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
rree, fruit , evergreen	Orange	пюп	FULL	Fruining, Hand	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Orange	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", evergreen	Orange	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", evergreen	Orange	LOW	FULL	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", evergreen	Orange	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", evergreen	Orange	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", evergreen	Orange	HIGH	FULL	Pruning, Mechanical	0	No TC				
Tree, "fruit", evergreen	Orange	LOW	FULL	Scouting	580	OP	ARF033	Olive	Hand Pruning	45175102
rice, mun , evergreen	Orange	LOW	FOLL	Scouning	360	OI	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Orange	HIGH	FULL	Baiting/Trapping	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", evergreen	Orange	LOW	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", evergreen	Papaya	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "fruit", evergreen	Papaya	HIGH	FULL	Orchard maintenance	100	OW	AR1017	Peach	Propping	43297602
Tree, "fruit", evergreen	Papaya	HIGH	FULL	Scouting	580	OP	ARF033	Olive	Hand Pruning	45175102
rice, munt, evergreen	1 apaya	IIIOII	FULL	Scouning	300	Oi	ARF047	Apple	Hand Pruning	45480302
Tree, "fruit", evergreen	Papaya	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
				12001411, 00011201	Transfer	×		Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Const	A4224	EPA
					(cm <sup>2</sup> /hr)	Code	Study ID	Crop	Activity	MRID
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "fruit", evergreen	Papaya	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
						, ,	ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "fruit", evergreen	Domovio	HIGH	FULL	Pruning, Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, fruit , evergreen	Papaya	піоп	FULL	Frunnig, Hand	380	OP	ARF047	Apple	Hand Pruning	45480302
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "fruit", evergreen	Papaya	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "fruit", evergreen	Domovio	HIGH	MIN	Pruning, Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
rree, rruit , evergreen	Papaya	пюп	MIIN	Frunnig, Hand	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "nut"	Almond	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "nut"	Almond	HIGH	FULL	Orchard maintenance	100	OW	AR1017	Peach	Propping	43297602
Tree, "nut"	Almond	HIGH	FULL	Harvesting, Mechanical (shaking)	190	OHn	AR1016	Almonds	Mechanical Harvesting	41848604
Tree, "nut"	Almond	HIGH	FULL	Scouting	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, nut	Ailliona	пюп	FULL	Scouning	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "nut"	Almond	HIGH	FULL	Poling	100	OW	AR1017	Peach	Propping	43297602
Tree, "nut"	Almond	HIGH	FULL	Sweeping, Mechanical	See "Alternate TC Method" Guidance					

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Сгор	A odinite.	EPA
			·		(cm <sup>2</sup> /hr)	Code	Study ID	Сгор	Activity	MRID
Tree, "nut"	Almond	HIGH	FULL	Windrowing, Mechanical	See "Alternate TC Method" Guidance					
Tree, "nut"	Almond	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "nut"	Almond	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "nut"	Hazelnut	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "nut"	Hazelnut	HIGH	FULL	Orchard maintenance	100	OW	AR1017	Peach	Propping	43297602
Tree, "nut"	Hazelnut	HIGH	FULL	Scouting	580	OP	ARF033	Olive	Hand Pruning	45175102
rree, nut	Hazemut	IIIOII	FOLL	Scouning	380	Of	ARF047	Apple	Hand Pruning	45480302
Tree, "nut"	Hazelnut	HIGH	FULL	Weeding, Mechanical	0	No TC				
Tree, "nut"	Hazelnut	HIGH	FULL	Sweeping, Mechanical	See "Alternate TC Method" Guidance					
Tree, "nut"	Hazelnut	HIGH	FULL	Windrowing, Mechanical	See "Alternate TC Method" Guidance					
Tree, "nut"	Hazelnut	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "nut"	Hazelnut	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Сгор	Activity	EPA
		J			(cm²/hr)	Code	Study ID	Стор	Activity	MRID
Tree, "nut"	Hazelnut	HIGH	FULL	Harvesting, Mechanical (shaking)	190	OHn	AR1016	Almonds	Mechanical Harvesting	41848604
Tree, "nut"	Macadamia nut	HIGH	FULL	Pruning, Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
rice, nut	wiacadainia nut	mon	FOLL	Truming, Trand	360	Oi	ARF047	Apple	Hand Pruning	45480302
Tree, "nut"	Macadamia nut	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "nut"	Macadamia nut	HIGH	FULL	Orchard maintenance	100	OW	AR1017	Peach	Propping	43297602
Tree, "nut"	Magadamia mut	HIGH	FULL	Coopting	580	OP	ARF033	Olive	Hand Pruning	45175102
rree, nut	Macadamia nut	пібп	FULL	Scouting	380	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "nut"	Macadamia nut	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "nut"	Macadamia nut	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "nut"	Macadamia nut	HIGH	FULL	Harvesting, Mechanical (shaking)	190	OHn	AR1016	Almonds	Mechanical Harvesting	41848604
Tree, "nut"	Macadamia nut	HIGH	FULL	Sweeping, Mechanical	See "Alternate TC Method" Guidance					
Tree, "nut"	Macadamia nut	HIGH	FULL	Windrowing, Mechanical	See "Alternate TC Method" Guidance					
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
Tree, "nut"	Olive	HIGH	FULL	Harvesting, Hand	1400	OH (EPA)	AR1021	Peach	Hand Harvesting	40966501
							ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101

		Post-applic	ation Agrici	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	G	A -40-24-	EPA
					(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Tree, "nut"	Olive	HIGH	FULL	Harvesting, Mechanical (shaking)	190	OHn	AR1016	Almonds	Mechanical Harvesting	41848604
Tree, "nut"	Olive	HIGH	FULL	Pruning, Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
rice, nut	Onve	mon	FOLL	Truning, Hand	360	Oi	ARF047	Apple	Hand Pruning	45480302
Tree, "nut"	Olive	HIGH	FULL	Thinning Fruit	3600	OT (EPA)	AR1003	Apple	Thinning	42428101
Tree, "nut"	Olive	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "nut"	Olive	HIGH	FULL	Orchard maintenance	100	OW	AR1017	Peach	Propping	43297602
Tree, "nut"	Olive	HIGH	FULL	Weeding, Mechanical	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "nut"	Olive	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "nut"	Olive	HIGH		Coopting	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, nut	Olive	піоп	FULL	Scouting	360	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "nut"	Pecan	HIGH	FULL	Harvesting, Mechanical (shaking)	190	OHn	AR1016	Almonds	Mechanical Harvesting	41848604
Tree, "nut"	Pecan	HIGH	FULL	Poling	100	OW	AR1017	Peach	Propping	43297602
Tree, "nut"	Pecan	HIGH	FULL	Pruning, Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
Tree, nut	Pecan	піоп	FULL	Fruining, Hand	360	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "nut"	Pecan	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "nut"	Pecan	HIGH	FULL	Orchard maintenance	100	ow	AR1017	Peach	Propping	43297602
T	D.	шен		G ·:	£00	OB	ARF033	Olive	Hand Pruning	45175102
Tree, "nut"	Pecan	HIGH	FULL	Scouting	580	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "nut"	Pecan	HIGH	FULL	Weeding, Hand	100	ow	AR1017	Peach	Propping	43297602

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	G		EPA
			2 0223203		(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
Tree, "nut"	Pecan	HIGH	FULL	Weeding, Mechanical	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "nut"	Pecan	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "nut"	Pecan	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
Tree, "nut"	Pecan	HIGH	FULL	Sweeping, Mechanical	See "Alternate TC Method" Guidance					
Tree, "nut"	Pecan	HIGH	FULL	Windrowing, Mechanical	See "Alternate TC Method" Guidance					
Tree, "nut"	Pistachio	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "nut"	Pistachio	HIGH	FULL	Orchard maintenance	100	ow	AR1017	Peach	Propping	43297602
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Tree, "nut"	Pistachio	HIGH	FULL	Harvesting, Hand (net)	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
							ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
T " "	D: 1:	шен	БІПТ	San C	500	OB	ARF033	Olive	Hand Pruning	45175102
Tree, "nut"	Pistachio	HIGH	FULL	Scouting	580	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "nut"	Pistachio	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Tree, "nut"	Pistachio	HIGH	FULL	Weeding, Mechanical	0	No TC				
Tree, "nut"	Pistachio	HIGH	FULL	Harvesting, Mechanical (shaking)	190	OHn	AR1016	Almonds	Mechanical Harvesting	41848604
Tree, "nut"	Pistachio	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
							ARF039	Chrysanthemu ms	Pinching	45344501
Tree, "nut"	Pistachio	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Tree, "nut"	Walnut	HIGH	FULL	Harvesting, Mechanical (shaking)	190	OHn	AR1016	Almonds	Mechanical Harvesting	41848604
Tree, "nut"	Walnut	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Tree, "nut"	Walnut	HIGH	FULL	Orchard maintenance	100	ow	AR1017	Peach	Propping	43297602
Tree, "nut"	Walnut	HIGH	FULL	Poling	100	OW	AR1017	Peach	Propping	43297602
T "	W-1	шси		C	500	OD	ARF033	Olive	Hand Pruning	45175102
Tree, "nut"	Walnut	HIGH	FULL	Scouting	580	OP	ARF047	Apple	Hand Pruning	45480302
Tree, "nut"	Walnut	HIGH	FULL	Sweeping, Mechanical	See "Alternate TC Method" Guidance					
Tree, "nut"	Walnut	HIGH	FULL	Windrowing, Mechanical	See "Alternate TC Method" Guidance					
Tree, "nut"	Walnut	HIGH	FULL	Weeding, Hand	100	ow	AR1017	Peach	Propping	43297602
Tree, "nut"	Walnut	HIGH	FULL	Weeding, Mechanical	0	No TC				
Tree, "nut"	Walnut	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
Tree, "nut"	Walnut	LOW	MIN	Transplanting	230	GN	ARF039	Chrysanthemu ms	Pinching	45344501

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Turf / sod	Golf Course	LOW	FULL	Maintenance	3700	DM	ARF057	Golf Course Turf	Maintenance	46734001
Turf / sod	Golf Course	LOW	FULL	Maintenance, greens only	2500	DMg (EPA)	ARF057	Golf Course Turf	Maintenance	46734001
Turf / sod	Sod	LOW	FULL	Maintenance	6700	DH	ARF035	Sod	Harvesting	45432303
Turf / sod	Sod	LOW	FULL	Harvesting, Slab	6700	DH	ARF035	Sod	Harvesting	45432303
Turf / sod	Sod	LOW	FULL	Transplanting/Planting	6700	DH	ARF035	Sod	Harvesting	45432303
Turf / sod	Sod	LOW	FULL	Harvesting, Roll	0	No TC				
Unassigned	Forestry	HIGH	FULL	Harvesting, Mechanical	0	No TC				
							AR1002	Peach	Hand Harvesting	42830002
							AR1014	Peach	Hand Harvesting	40975308
							AR1021	Peach	Hand Harvesting	40966501
Unassigned	Forestry	HIGH	FULL	Harvesting, Seed Cone (Conifers)	1400	OH (EPA)	ARF025	Apple	Hand Harvesting	45138202
				, , ,			ARF028	Orange	Hand Harvesting	45175101
							ARF041	Orange	Hand Harvesting	45432301
							ARF042	Grapefruit	Hand Harvesting	45432302
Unassigned	Forestry	HIGH	FULL	Harvesting, Seedling Production	6700	DH	ARF035	Sod	Harvesting	45432303
Unassigned	Forestry	HIGH	FULL	Pruning, Hand	580	OP	ARF033	Olive	Hand Pruning	45175102
Ollassigned	Polestry	IIIOII	FOLL	Truning, Hand	380	Of	ARF047	Apple	Hand Pruning	45480302
Unassianed	Forestry	HIGH	FULL	Scouting	580	OP	ARF033	Olive	Hand Pruning	45175102
Unassigned	rotestry	ШОП	PULL	Scouting	300	Or	ARF047	Apple	Hand Pruning	45480302
Unassigned	Forestry	HIGH	FULL	Weeding, Hand	100	OW	AR1017	Peach	Propping	43297602
Unassigned	Forestry	HIGH	MIN	Weeding, Mechanical	0	No TC				

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combi		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA
		9	·		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Unassigned	Forestry	HIGH	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Unassigned	Forestry	HIGH	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
Unassigned	Forestry	HIGH	MIN	Scouting	580	OP	ARF033	Olive	Hand Pruning	45175102
Onassigned	Polestry	Inon	IVIIIN	Scouting	380	Of	ARF047	Apple	Hand Pruning	45480302
Unassigned	Forestry	LOW	MIN	Weeding, Hand	100	ow	AR1017	Peach	Propping	43297602
							ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	Forestry	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Unassigned	Forestry	HIGH	FULL	Burndown	0	No TC				
Unassigned	Forestry	HIGH	FULL	Fertilizing	0	No TC				
Unassigned	Forestry	HIGH	FULL	Weeding, Mechanical	0	No TC				
Unassigned	Forestry	LOW	MIN	Pruning, Hand	See "Alternate TC Method" Guidance					
I Innerious d	Greenhouse	шси		Hamadina Hand	1200	CH	ARF020	Blackberries	Hand Harvesting	46405901
Unassigned	Vegetable	HIGH	FULL	Harvesting, Hand	1200	GHv	ARF051	Tomato, Fresh	Tying	45530103
	Greenhouse	LOW			1200	CH	ARF020	Blackberries	Hand Harvesting	46405901
Unassigned	Vegetable	LOW	FULL	Harvesting, Hand	1200	GHv	ARF051	Tomato, Fresh	Tying	45530103
	Greenhouse	1.011	) my	D: 1:	1200	GH	ARF020	Blackberries	Hand Harvesting	46405901
Unassigned	Vegetable	LOW	MIN	Pinching	1200	GHv	ARF051	Tomato, Fresh	Tying	45530103
II ' 1	Greenhouse	шен		Dim. 1.	1200	CH	ARF020	Blackberries	Hand Harvesting	46405901
Unassigned	Vegetable	HIGH	FULL	Pinching	1200	GHv	ARF051	Tomato, Fresh	Tying	45530103

		Post-applic	ation Agricu	Transfer Coefultural Crop-Activity Comb		ommended	Transfer Coef	ficients		
					Transfer			Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Corre	A -40-24-	EPA
		g			(cm <sup>2</sup> /hr)	Code	Study ID	Crop	Activity	MRID
Unassianad	Greenhouse	HIGH	FULL	Pollination	1200	GHv	ARF020	Blackberries	Hand Harvesting	46405901
Unassigned	Vegetable	піоп	FULL	Politiation	1200	GHV	ARF051	Tomato, Fresh	Tying	45530103
Unassigned	Greenhouse	LOW	FULL	Pruning, Hand	1200	GHv	ARF020	Blackberries	Hand Harvesting	46405901
Unassigned	Vegetable	LOW	FULL	Pruning, Hand	1200	GHV	ARF051	Tomato, Fresh	Tying	45530103
Unassigned	Greenhouse	HIGH	FULL	Caputing	1200	GHv	ARF020	Blackberries	Hand Harvesting	46405901
Unassigned	Vegetable	піоп	FULL	Scouting	1200	GHV	ARF051	Tomato, Fresh	Tying	45530103
Unassigned	Greenhouse	HIGH	FULL	Turning	1200	GHv	ARF020	Blackberries	Hand Harvesting	46405901
Ollassigned	Vegetable	IIIOII	FOLL	Turning	1200	GHV	ARF051	Tomato, Fresh	Tying	45530103
Unassigned	Greenhouse	HIGH	FULL	Tying/Training	1200	GHv	ARF020	Blackberries	Hand Harvesting	46405901
Ollassigned	Vegetable	IIIOII	FOLL	Tying/Training	1200	GHV	ARF051	Tomato, Fresh	Tying	45530103
Unassigned	Greenhouse	HIGH	FULL	Weeding, Hand	1200	GHv	ARF020	Blackberries	Hand Harvesting	46405901
Chassigned	Vegetable	mon	FOLL	weeding, Irand	1200	GIIV	ARF051	Tomato, Fresh	Tying	45530103
Unassigned	Greenhouse	LOW	MIN	Propagating	1200	GHv	ARF020	Blackberries	Hand Harvesting	46405901
Unassigned	Vegetable	LOW	IVIIIV	Tropagating	1200	GIIV	ARF051	Tomato, Fresh	Tying	45530103
Unassigned	Greenhouse	LOW	MIN	Pruning, Hand	1200	GHv	ARF020	Blackberries	Hand Harvesting	46405901
Unassigned	Vegetable	LOW	IVIIIV	Truning, Trand	1200	GIIV	ARF051	Tomato, Fresh	Tying	45530103
Unassigned	Greenhouse	LOW	MIN	Scouting	1200	GHv	ARF020	Blackberries	Hand Harvesting	46405901
Unassigned	Vegetable	LOW	IVIIIN	Scouting	1200	GHV	ARF051	Tomato, Fresh	Tying	45530103
Unassigned	Greenhouse	LOW	MIN	Weeding, Hand	1200	GHv	ARF020	Blackberries	Hand Harvesting	46405901
Ollassigned	Vegetable	LOW	IVIIIN	weeding, Hand	1200	GHV	ARF051	Tomato, Fresh	Tying	45530103
	Canada						ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	Greenhouse Vegetable	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwan	A ativity	EPA
		8			(cm <sup>2</sup> /hr)	Code	Study ID	Crop	Activity	MRID
II	Greenhouse	HIGH	FULL	Donning Hand	1200	GHv	ARF020	Blackberries	Hand Harvesting	46405901
Unassigned	Vegetable	піоп	FULL	Pruning, Hand	1200	GHV	ARF051	Tomato, Fresh	Tying	45530103
							ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	Greenhouse Vegetable	HIGH	FULL	Irrigation (hand watering)	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Unassigned	Nursery/Green house Crop (Ornamentals, Non-bearing Plants)	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Unassigned	Nursery/Green house Crop (Ornamentals, Non-bearing Plants)	LOW	FULL	Harvesting, Mechanical	0	No TC				
Unassigned	Nursery/Green house Crop (Ornamentals, Non-bearing Plants)	HIGH	FULL	Weeding, Mechanical	0	No TC				
	Nursery/Green						ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	house Crop (Ornamentals,	HIGH	FULL	Harvesting, Hand	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	Non-bearing Plants)						ARF044	Nursery Citrus	Hand Harvesting	45469502
	Nursery/Green house Crop						ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	(Ornamentals, Non-bearing	LOW	FULL	Harvesting, Hand	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	Plants)						ARF044	Nursery Citrus	Hand Harvesting	45469502
Unassigned	Nursery Crop (Ornamentals, Non-bearing Plants)	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301

## **Transfer Coefficient Table** Post-application Agricultural Crop-Activity Combinations and Recommended Transfer Coefficients **Exposure Study Information** Transfer Crop **Foliage Crop Group** Crop Activity Coefficient **ARTF Data Cluster EPA** Height **Density** (cm<sup>2</sup>/hr) Crop Activity **MRID** Code **Study ID** Nursery/Green house Crop Unassigned (Ornamentals, HIGH **FULL** 0 No TC Irrigation (non-hand set) Non-bearing Plants) Nursery Crop (Ornamentals, LOW Unassigned **FULL** Irrigation (hand set) 1900 I ARF036 Potato Irrigation 45726301 Non-bearing Plants) Nursery/Green house Crop Unassigned (Ornamentals, LOW **FULL** Irrigation (non-hand set) 0 No TC Non-bearing Plants) Chrysanthemu Nursery/Green ARF039 Pinching 45344501 ms house Crop (Ornamentals, 230 GN Unassigned HIGH **FULL** Pruning, Hand ARF043 45469501 Nursery Citrus Pruning Non-bearing 45469502 ARF044 Nursery Citrus Hand Harvesting Plants) Chrysanthemu Nursery/Green ARF039 Pinching 45344501 ms house Crop (Ornamentals, LOW **FULL** 230 GN Unassigned Pruning, Hand ARF043 Nursery Citrus Pruning 45469501 Non-bearing Plants) ARF044 Nursery Citrus Hand Harvesting 45469502 Chrysanthemu Nursery/Green ARF039 Pinching 45344501 ms house Crop HIGH GN Unassigned (Ornamentals, **FULL** Scouting 230 45469501 ARF043 Nursery Citrus Pruning Non-bearing ARF044 Nursery Citrus Hand Harvesting 45469502 Plants) Chrysanthemu Nursery/Green ARF039 45344501 Pinching ms house Crop LOW GN Unassigned (Ornamentals, **FULL** Scouting 230 ARF043 Nursery Citrus Pruning 45469501 Non-bearing ARF044 Nursery Citrus Hand Harvesting 45469502 Plants) Chrysanthemu Nursery/Green ARF039 Pinching 45344501 ms house Crop GN Unassigned (Ornamentals, HIGH **FULL Container Moving** 230 45469501 ARF043 Nursery Citrus Pruning Non-bearing ARF044 Hand Harvesting 45469502 Nursery Citrus Plants)

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient (cm²/hr)	ARTF D	ata Cluster	Crop	Activity	EPA
		J	Č		(cm-/nr)	Code	Study ID	Стор	Activity	MRID
	Nursery/Green house Crop						ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	(Ornamentals, Non-bearing	HIGH	FULL	Weeding, Hand	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	Plants)						ARF044	Nursery Citrus	Hand Harvesting	45469502
	Nursery/Green house Crop						ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	(Ornamentals, Non-bearing	LOW	FULL	Weeding, Hand	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	Plants)						ARF044	Nursery Citrus	Hand Harvesting	45469502
Unassigned	Nursery/Green house Crop (Ornamentals, Non-bearing Plants)	LOW	FULL	Weeding, Mechanical	0	No TC				
	Nursery/Green house Crop						ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	(Ornamentals, Non-bearing	HIGH	FULL	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	Plants)						ARF044	Nursery Citrus	Hand Harvesting	45469502
	Nursery/Green house Crop						ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	(Ornamentals, Non-bearing	LOW	FULL	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	Plants)						ARF044	Nursery Citrus	Hand Harvesting	45469502
Unassigned	Nursery/Green house Crop (Ornamentals, Non-bearing Plants)	HIGH	MIN	Harvesting, Mechanical	0	No TC				
Unassigned	Nursery/Green house Crop (Ornamentals, Non-bearing Plants)	LOW	MIN	Fertilizing	0	No TC				
Unassigned	Nursery/Green house Crop	LOW	MIN	Grafting	230	GN	ARF039	Chrysanthemu ms	Pinching	45344501
J	(Ornamentals,			C			ARF043	Nursery Citrus	Pruning	45469501

		Post-applic	ation Agrici	Transfer Coef ultural Crop-Activity Combi		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient (cm²/hr)	ARTF I	Data Cluster	Crop	Activity	EPA
					(CIII-/III-)	Code	Study ID	Стор	Activity	MRID
	Non-bearing Plants)						ARF044	Nursery Citrus	Hand Harvesting	45469502
	Nursery/Green house Crop						ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	(Ornamentals, Non-bearing	HIGH	MIN	Harvesting, Hand	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	Plants)						ARF044	Nursery Citrus	Hand Harvesting	45469502
	Nursery/Green house Crop						ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	(Ornamentals, Non-bearing	LOW	MIN	Propagating	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	Plants)						ARF044	Nursery Citrus	Hand Harvesting	45469502
	Nursery/Green house Crop						ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	(Ornamentals, Non-bearing	HIGH	MIN	Pruning, Hand	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	Plants)						ARF044	Nursery Citrus	Hand Harvesting	45469502
	Nursery/Green house Crop						ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	(Ornamentals, Non-bearing	HIGH	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	Plants)						ARF044	Nursery Citrus	Hand Harvesting	45469502
	Nursery/Green house Crop						ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	(Ornamentals, Non-bearing	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	Plants)						ARF044	Nursery Citrus	Hand Harvesting	45469502
	Nursery/Green house Crop						ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	(Ornamentals, Non-bearing	LOW	FULL	Pinching	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	Plants)						ARF044	Nursery Citrus	Hand Harvesting	45469502
	Nursery/Green house Crop						ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	(Ornamentals, Non-bearing	HIGH	FULL	Pinching	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	Plants)						ARF044	Nursery Citrus	Hand Harvesting	45469502

		Post-applic	ration Agric	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
		l ost uppiic		True are price vity combined				Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Transfer Coefficient	ARTF D	ata Cluster	Corre	A -40-04-	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
	Nursery/Green house Crop						ARF039	Chrysanthemu ms	Pinching	45344501
Unassigned	(Ornamentals, Non-bearing	LOW	FULL	Tying/Training	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	Plants)						ARF044	Nursery Citrus	Hand Harvesting	45469502
Unassigned	Nursery/Green house Crop (Ornamentals, Non-bearing Plants)	LOW	FULL	Spreading Bins	0	No TC				
Unassigned	Nursery/Green house Crop (Ornamentals, Non-bearing Plants)	HIGH	FULL	Spreading Bins	0	No TC				
							AR1001	Strawberry	Hand Harvesting	43013003
Vegetable, "root"	Beet, garden	LOW	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
vegetable, 100t	Beet, garden	LOW	FOLL	marvesting, mand	1100	311	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
Vegetable, "root"	Beet, garden	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, "root"	Beet, garden	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, "root"	Doot condon	LOW	FULL	Coonting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, 100t	Beet, garden	LOW	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, "root"	Beet, garden	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, "root"	Beet, garden	LOW	FULL	Harvesting, Mechanical	0	No TC				
Vegetable, "root"	Beet, garden	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, "root"	Beet, garden	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301

		Post-applic	cation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Vegetable, "root"	Beet, garden	LOW	MIN	Irrigation (non-hand set)		No TC				
Vegetable, "root"	Doot gordon	LOW	MIN	Coopting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, 100t	Beet, garden	LOW	MIIN	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, "root"	Beet, garden	LOW	MIN	Thinning Plants	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, "root"	Beet, garden	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, "root"	Beet, garden	LOW	MIN	Weeding, Mechanical	0	No TC				
							AR1001	Strawberry	Hand Harvesting	43013003
Vegetable, "root"	Carrot	LOW	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
vegetable, 100t	Carrot	LOW	FOLL	marvesting, mand	1100	311	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
Vegetable, "root"	Carrot	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, "root"	Carrot	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, "root"	Carrot	LOW	FULL	Scouting	210	CC	AR1025	Cotton	Scouting	42851302
vegetable, 100t	Carrot	LOW	FULL	Scouting	210	SSr	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, "root"	Carrot	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, "root"	Carrot	LOW	FULL	Harvesting, Mechanical	0	No TC				
Vegetable, "root"	Carrot	LOW	FULL	Weeding, Mechanical	0	No TC				

		Post-applic	ation Agrici	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Сгор	Activity	EPA
		ð	v		(cm <sup>2</sup> /hr)	Code	Study ID	Сгор	Activity	MRID
Vegetable, "root"	Carrot	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, "root"	Carrot	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vacatable "seet"	Comet	LOW	MIN	Coopting	210	55	AR1025	Cotton	Scouting	42851302
Vegetable, "root"	Carrot	LOW	IVIIIN	Scouting	210	SSr	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, "root"	Carrot	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, "root"	Carrot	LOW	MIN	Weeding, Mechanical	0	No TC				
Vegetable, "root"	Onion, bulb	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, "root"	Onion, bulb	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, "root"	Onion, bulb	LOW	FULL	Scouting	1400	WlH	ARF050	Cabbage	Hand Harvesting	45530102
							ARF011	Cauliflower	Scouting	45005906
Vegetable, "root"	Onion, bulb	LOW	FULL	Weeding, Hand	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907
							ARF037	Cabbage	Hand Weeding	45191701
Vegetable, "root"	Onion, bulb	LOW	FULL	Harvesting, Mechanical	0	No TC				
Vegetable, "root"	Onion, bulb	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, "root"	Onion, bulb	LOW	FULL	Harvesting, Hand	See "Alternate TC Method" Guidance					
Vegetable, "root"	Onion, bulb	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vegetable, "root"	Onion, bulb	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, "root"	Onion, bulb	LOW	MIN	Scouting	330	WIS	AR1008	Cauliflower	Scouting	42974501
Vegetable, "root"	Onion, bulb	LOW	MIN	Thinning Plants	330	WIS	AR1008	Cauliflower	Scouting	42974501
Vegetable, "root"	Onion, bulb	LOW	MIN	Weeding, Hand	1400	WlH	ARF050	Cabbage	Hand Harvesting	45530102

		Post-applic	ation Agrici	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Vegetable, "root"	Onion, bulb	LOW	MIN	Weeding, Mechanical	0	No TC				
Vegetable, "root"	Onion, green	LOW	FULL	Harvesting, Hand	1400	WlH	ARF050	Cabbage	Hand Harvesting	45530102
Vegetable, "root"	Onion, green	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, "root"	Onion, green	LOW	FULL	Scouting	1400	WlH	ARF050	Cabbage	Hand Harvesting	45530102
							ARF011	Cauliflower	Scouting	45005906
Vegetable, "root"	Onion, green	LOW	FULL	Weeding, Hand	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907
							ARF037	Cabbage	Hand Weeding	45191701
Vegetable, "root"	Onion, green	LOW	FULL	Harvesting, Mechanical	0	No TC				
Vegetable, "root"	Onion, green	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, "root"	Onion, green	LOW	MIN	Scouting	330	WIS	AR1008	Cauliflower	Scouting	42974501
Vegetable, "root"	Onion, green	LOW	MIN	Weeding, Hand	1400	WlH	ARF050	Cabbage	Hand Harvesting	45530102
Vegetable, "root"	Onion, green	LOW	MIN	Weeding, Mechanical	0	No TC				
Vegetable, "root"	Onion, green	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, "root"	Onion, green	LOW	MIN	Thinning Plants	330	WIS	AR1008	Cauliflower	Scouting	42974501
Vegetable, "root"	Potato	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, "root"	Potato	LOW	FULL	Irrigation (non-hand set)	0	No TC				
XI . 11	D	LOW	ЕШ	g .:	210	G G	AR1025	Cotton	Scouting	42851302
Vegetable, "root"	Potato	LOW	FULL	Scouting	210	SSr	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, "root"	Potato	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, "root"	Potato	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, "root"	Potato	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA
		9	·		(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
Vegetable, "root"	Potato	LOW	MIN	Irrigation (non-hand set)	0	No TC				
V . 11 " .22	D	LOW	MN	G .	210	G G	AR1025	Cotton	Scouting	42851302
Vegetable, "root"	Potato	LOW	MIN	Scouting	210	SSr	AR1027	Tomato, Fresh	Scouting	42974501
Vegetable, "root"	Potato	LOW	MIN	Harvesting, Mechanical	0	No TC				
Vegetable, "root"	Potato	LOW	MIN	Weeding, Mechanical	0	No TC				
Vegetable, "root"	Potato	LOW	MIN	Harvesting, Hand	See "Alternate TC Method" Guidance					
Vegetable, "root"	Potato	LOW	FULL	Harvesting, Mechanical	0	No TC				
Vegetable, "root"	Potato, Sweet	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, "root"	Potato, Sweet	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vegetable, "root"	Potato, Sweet	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, 100t	Polato, Sweet	LOW	FULL	Scouting		331	AR1027	Tomato, Fresh	Scouting	42974501
Vegetable, "root"	Potato, Sweet	LOW	FULL	Harvesting, Hand	See "Alternate TC Method" Guidance					
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, "root"	Potato, Sweet	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, "root"	Potato, Sweet	LOW	FULL	Harvesting, Mechanical	0	No TC				
Vegetable, "root"	Potato, Sweet	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, "root"	Potato, Sweet	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, "root"	Potato, Sweet	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, "root"	Potato, Sweet	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwan	A otivity.	EPA
					(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
							AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, "root"	Potato, Sweet	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, "root"	Potato, Sweet	LOW	MIN	Weeding, Mechanical	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, "root"	Potato, Sweet	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							AR1001	Strawberry	Hand Harvesting	43013003
M4-L1- "4"	Т	LOW	FULL	Harvesting, Hand	1100	CII	AR1023	Tomato, Fresh	Hand Harvesting	40966503
Vegetable, "root"	Turnip	LOW	FULL	Harvesting, Hand	1100	SH	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
Vegetable, "root"	Turnip	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, "root"	Turnip	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, "root"	Turnin	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, 100t	Turnip	LOW	FULL	Scouning	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, "root"	Turnip	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, "root"	Turnip	LOW	FULL	Harvesting, Mechanical	0	No TC				
Vegetable, "root"	Turnip	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vegetable, "root"	Turnip	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, "root"	Turnip	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
				•	Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	G	A -40-24-	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, "root"	Turnip	LOW	MIN	Thinning Plants	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, "root"	Turnip	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, "root"	Turnip	LOW	MIN	Weeding, Mechanical	0	No TC				
Vegetable, cucurbit	Cantaloupe	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, cucurbit	Cantaloupe	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, cucurbit	Cantaloupe	LOW	FULL	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Cantaloupe	LOW	FULL	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
W 11		LOW			550	1111	ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Cantaloupe	LOW	FULL	Harvesting, Hand	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Cantaloupe	LOW	FULL	Pruning, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Cantaloupe	LOW	MIN	Thinning Fruit	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Cantaloupe	LOW	FULL	Weeding, Mechanical	0	No TC				
77		LOW		Harvesting, Mechanically-	550		ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Cantaloupe	LOW	FULL	assisted	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Cantaloupe	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, cucurbit	Cantaloupe	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vegetable, cucurbit	Cantaloupe	LOW	MIN	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Cantaloupe	LOW	MIN	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Crop	A odinite.	EPA
		9			(cm <sup>2</sup> /hr)	Code	Study ID	Сгор	Activity	MRID
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, cucurbit	Cantaloupe	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Cantaloupe	LOW	FULL	Turning	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
77		LOW		m · ·	550		ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Cantaloupe	LOW	FULL	Training	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Cucumber	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, cucurbit	Cucumber	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, cucurbit	Cucumber	LOW	FULL	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Cucumber	LOW	FULL	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
							ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Cucumber	LOW	FULL	Harvesting, Hand	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Cucumber	LOW	FULL	Pruning, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Cucumber	LOW	FULL	Thinning Fruit	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Cucumber	LOW	FULL	Weeding, Mechanical	0	No TC				
				Harvesting, Mechanically-			ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Cucumber	LOW	FULL	assisted	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Cucumber	LOW	MIN	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Cucumber	LOW	MIN	Thinning Fruit	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Cucumber	LOW	MIN	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Cucumber	LOW	MIN	Transplanting	230	GN	ARF039	Chrysanthemu ms	Pinching	45344501

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
				•	Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster			EPA
		11019110	20110103		(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
							ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, cucurbit	Cucumber	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, cucurbit	Cucumber	LOW	MIN	Irrigation (non-hand set)	0	No TC				
							ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Cucumber	LOW	FULL	Training	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Gourd	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, cucurbit	Gourd	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, cucurbit	Gourd	LOW	FULL	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Gourd	LOW	FULL	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
77	G 1	LOW			550	1111	ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Gourd	LOW	FULL	Harvesting, Hand	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Gourd	LOW	FULL	Pruning, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Gourd	LOW	FULL	Weeding, Mechanical	0	No TC				
77 . 11 . 12		LOW		Harvesting, Mechanically-	550		ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Gourd	LOW	FULL	assisted	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Gourd	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, cucurbit	Gourd	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vegetable, cucurbit	Gourd	LOW	MIN	Thinning Fruit	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Gourd	LOW	MIN	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Gourd	LOW	MIN	Weeding, Mechanical	0	No TC				
Vegetable, cucurbit	Gourd	LOW	MIN	Transplanting	230	GN	ARF039	Chrysanthemu ms	Pinching	45344501
	23010	_3	,			21,	ARF043	Nursery Citrus	Pruning	45469501

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	G	A -4**4	EPA
					(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, cucurbit	Gourd	LOW	MIN	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Gourd	LOW	MIN	Fertilizing	0	No TC				
							ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Gourd	LOW	FULL	Training	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, cucurbit	Pumpkin	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Pumpkin	LOW	FULL	Harvesting, Hand	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
	ъ 1:	LOW	F74.14.14	m :	7.50		ARF053	Cucumber	Hand Harvesting	45503503
Vegetable, cucurbit	Pumpkin	LOW	FULL	Turning	550	НН	ARF057	Squash, Summer	Hand Harvesting	45515104
Vegetable, cucurbit	Pumpkin	LOW	FULL	Pruning, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Pumpkin	LOW	MIN	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Pumpkin	LOW	FULL	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Pumpkin	LOW	MIN	Thinning Fruit	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Pumpkin	LOW	MIN	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Pumpkin	LOW	FULL	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Pumpkin	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, cucurbit	Pumpkin	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
				Harvesting, Mechanically-			ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Pumpkin	LOW	FULL	assisted	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwan	A otivity.	EPA
			·		(cm <sup>2</sup> /hr)	Code	Study ID	Сгор	Activity	MRID
							ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Pumpkin	LOW	FULL	Training	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Pumpkin	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, cucurbit	Pumpkin	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vegetable, cucurbit	Pumpkin	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, cucurbit	Squash, summer	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, cucurbit	Squash, summer	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, cucurbit	Squash, summer	LOW	FULL	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Squash, summer	LOW	FULL	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
	Squash,						ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	summer	LOW	FULL	Harvesting, Hand	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Squash, summer	LOW	FULL	Pruning, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Squash, summer	LOW	FULL	Weeding, Mechanical	0	No TC				
	Squash,			Harvesting, Mechanically-			ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	summer	LOW	FULL	assisted	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Squash, summer	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, cucurbit	Squash, summer	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vegetable, cucurbit	Squash, summer	LOW	MIN	Thinning Fruit	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Squash, summer	LOW	MIN	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Squash, summer	LOW	MIN	Weeding, Mechanical	0	No TC				
Vegetable, cucurbit	Squash, summer	LOW	MIN	Transplanting	230	GN	ARF039	Chrysanthemu ms	Pinching	45344501

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coel	ficients		
					Transfer		1	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Conse	A -4::4	EPA
					(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
							ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, cucurbit	Squash, summer	LOW	MIN	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Squash, summer	LOW	MIN	Fertilizing	0	No TC				
77	Squash,	LOW		m · ·	550		ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	summer	LOW	FULL	Training	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Squash, winter	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, cucurbit	Squash, winter	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, cucurbit	Squash, winter	LOW	FULL	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Squash, winter	LOW	FULL	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
							ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Squash, winter	LOW	FULL	Harvesting, Hand	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
77 . 11 . 12		LOW		Harvesting, Mechanically-	550		ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Squash, winter	LOW	FULL	assisted	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Squash, winter	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, cucurbit	Squash, winter	LOW	MIN	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Squash, winter	LOW	MIN	Thinning Fruit	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Squash, winter	LOW	MIN	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, cucurbit	Squash, winter	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, cucurbit	Squash, winter	LOW	FULL	Fertilizing	0	No TC				

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA
					(cm <sup>2</sup> /hr)	Code	Study ID	Crop	Activity	MRID
		_					ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Squash, winter	LOW	FULL	Training	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Watermelon	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, cucurbit	Watermelon	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, cucurbit	Watermelon	LOW	FULL	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Watermelon	LOW	FULL	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
***	***	1 0111			7.50		ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Watermelon	LOW	FULL	Harvesting, Hand	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Watermelon	LOW	FULL	Pruning, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
37 411 124	XX 4 1	LOW		Tr.	550	1111	ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Watermelon	LOW	FULL	Turning	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Watermelon	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, cucurbit	Watermelon	LOW	FULL	Harvesting, Mechanically-	550	НН	ARF045	Cucumber	Hand Harvesting	45480301
vegetable, cuculbit	w atermeron	LOW	FOLL	assisted	330	1111	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, cucurbit	Watermelon	LOW	MIN	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Watermelon	LOW	MIN	Thinning Fruit	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Watermelon	LOW	MIN	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, cucurbit	Watermelon	LOW	MIN	Weeding, Mechanical	0					
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, cucurbit	Watermelon	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, cucurbit	Watermelon	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Corne	A -4::4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Vegetable, cucurbit	Watermelon	LOW	MIN	Irrigation (non-hand set)	0	No TC				
							ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, cucurbit	Watermelon	LOW	FULL	Training	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
77 (11 C '4'	F 1 4	HIGH	FILL		550	1111	ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, fruiting	Eggplant	HIGH	FULL	Harvesting, Hand	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Manadala Conidio	Engelout	LOW		Hamastina Hand	550	1111	ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, fruiting	Eggplant	LOW	FULL	Harvesting, Hand	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, fruiting	Eggplant	LOW	FULL	Pruning, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
37 (11 6 %	F 1 .	LOW		m · /m · ·	550	1111	ARF045	Cucumber	Hand Harvesting	45480301
Vegetable, fruiting	Eggplant	LOW	FULL	Tying/Training	550	НН	ARF049	Squash, Summer	Hand Harvesting	45491902
Vegetable, fruiting	Eggplant	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, fruiting	Eggplant	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, fruiting	Eggplant	HIGH	FULL	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, fruiting	Eggplant	LOW	FULL	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, fruiting	Eggplant	HIGH	FULL	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, fruiting	Eggplant	LOW	FULL	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, fruiting	Eggplant	LOW	MIN	Pruning, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, fruiting	Eggplant	LOW	MIN	Scouting	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, fruiting	Eggplant	LOW	MIN	Thinning Fruit	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, fruiting	Eggplant	LOW	MIN	Weeding, Hand	90	HS	ARF022	Sunflower	Scouting	45005909
Vegetable, fruiting	Eggplant	LOW	MIN	Transplanting	230	GN	ARF039	Chrysanthemu ms	Pinching	45344501
· • • • • • • • • • • • • • • • • • • •	-55P1	20,,	1.211	- Tamopaniang		51,	ARF043	Nursery Citrus	Pruning	45469501

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer			Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	G	A -40-24-	EPA
					(cm <sup>2</sup> /hr)	Code	Study ID	Crop	Activity	MRID
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, fruiting	Eggplant	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, fruiting	Eggplant	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vegetable, fruiting	Eggplant	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, fruiting	Eggplant	LOW	FULL	Irrigation (non-hand set)	0	No TC				
							AR1001	Strawberry	Hand Harvesting	43013003
V	Okra	LOW	FULL	Hamadina Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
Vegetable, fruiting	Okra	LOW	FULL	Harvesting, Hand	1100	SH	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
							AR1001	Strawberry	Hand Harvesting	43013003
Vegetable, fruiting	Okra	LOW	FULL	Tying/Training	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
vegetable, fruiting	Okra	LOW	FULL	Tying/Training	1100	ъп	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
Vegetable, fruiting	Okra	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, fruiting	Okra	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Wassella finition	Olama	LOW		C4:	210	SSr	AR1025	Cotton	Scouting	42851302
Vegetable, fruiting	Okra	LOW	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, fruiting	Okra	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, fruiting	Okra	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, fruiting	Okra	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vegetable, fruiting	Okra	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combi		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwan	A odinite.	EPA
		9	·		(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
							AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, fruiting	Okra	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, fruiting	Okra	LOW	MIN	Weeding, Mechanical	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, fruiting	Okra	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							AR1001	Strawberry	Hand Harvesting	43013003
Vacatable fruiting	Okra	HIGH	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
Vegetable, fruiting	Окга	HIGH	FULL	Harvesting, Hand	1100	SH	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
Vagatable fruiting	Okra	HIGH	FULL	Secuting	210	SSr	AR1025	Cotton	Scouting	42851302
Vegetable, fruiting	Okra	піоп	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1001	Strawberry	Hand Harvesting	43013003
Vegetable, fruiting	Donner hell	LOW	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
vegetable, fruiting	Pepper, bell	LOW	FULL	narvesting, nand	1100	ъп	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
							AR1001	Strawberry	Hand Harvesting	43013003
Vegetable, fruiting	Pepper, bell	LOW	FULL	Tying/Training	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
vegetable, iruiting	repper, ben	LOW	FULL	rymg/rrammg	1100	эп	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
Vegetable, fruiting	Pepper, bell	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301

	Transfer Coefficient Table Post-application Agricultural Crop-Activity Combinations and Recommended Transfer Coefficients											
					Transfer		I	Exposure Study In	formation			
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwan	A otivite.	EPA		
		ð	·		(cm <sup>2</sup> /hr)	Code	Study ID	Сгор	Activity	MRID		
Vegetable, fruiting	Pepper, bell	LOW	FULL	Irrigation (non-hand set)	0	No TC						
Vegetable, fruiting	Dannar hall	LOW	FULL	Socuting	210	SSr	AR1025	Cotton	Scouting	42851302		
vegetable, fruiting	Pepper, bell	LOW	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501		
							AR1006	Cotton	Hand Weeding	42851302		
Vegetable, fruiting	Pepper, bell	LOW	FULL	Weeding, Hand	70	sw	AR1018	Cotton	Hand Weeding	42689103		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
Vegetable, fruiting	Pepper, bell	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301		
Vegetable, fruiting	Pepper, bell	LOW	MIN	Irrigation (non-hand set)	0	No TC						
Vegetable, fruiting	Dannar hall	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302		
vegetable, fruiting	Pepper, bell	LOW	MIIN	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501		
							AR1006	Cotton	Hand Weeding	42851302		
Vegetable, fruiting	Pepper, bell	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
Vegetable, fruiting	Pepper, bell	LOW	MIN	Weeding, Mechanical	0	No TC						
							ARF039	Chrysanthemu ms	Pinching	45344501		
Vegetable, fruiting	Pepper, bell	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501		
							ARF044	Nursery Citrus	Hand Harvesting	45469502		
							AR1001	Strawberry	Hand Harvesting	43013003		
Wantalia finitina	D h.11	шси		Hamadina Hard	1100	CII	AR1023	Tomato, Fresh	Hand Harvesting	40966503		
Vegetable, fruiting	Pepper, bell	HIGH	FULL	Harvesting, Hand	1100	SH	AR1024	Strawberry	Hand Harvesting	40966502		
							ARF051	Tomato, Fresh	Tying	45530103		
Vegetable feeting	Danner Is-11	шси	121111	Coordin -	210	gg	AR1025	Cotton	Scouting	42851302		
Vegetable, fruiting	Pepper, bell	HIGH	FULL	Scouting	210	SSr	AR1027	Tomato, Fresh	Scouting	42974501		

	Transfer Coefficient Table Post-application Agricultural Crop-Activity Combinations and Recommended Transfer Coefficients												
					Transfer		F	Exposure Study In	formation				
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Const	A -4::4	EPA			
					(cm <sup>2</sup> /hr)	Code	Study ID	Crop	Activity	MRID			
							AR1001	Strawberry	Hand Harvesting	43013003			
Vacatable finiting	Donnan ahili	LOW	FULL	Howarding Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503			
Vegetable, fruiting	Pepper, chili	LOW	FULL	Harvesting, Hand	1100	SII	AR1024	Strawberry	Hand Harvesting	40966502			
							ARF051	Tomato, Fresh	Tying	45530103			
							AR1006	Cotton	Hand Weeding	42851302			
Vegetable, fruiting	Pepper, chili	LOW	FULL	Pruning, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103			
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104			
Vegetable, fruiting	Pepper, chili	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301			
Vegetable, fruiting	Pepper, chili	LOW	FULL	Irrigation (non-hand set)	0	No TC							
Vegetable, fruiting	Pepper, chili	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302			
vegetable, nutting	r epper, ciiii	LOW	FOLL	Scouning	210	331	AR1027	Tomato, Fresh	Scouting	42974501			
							AR1006	Cotton	Hand Weeding	42851302			
Vegetable, fruiting	Pepper, chili	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103			
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104			
Vegetable, fruiting	Pepper, chili	LOW	FULL	Weeding, Mechanical	0	No TC							
Vegetable, fruiting	Pepper, chili	LOW	FULL	Harvesting, Mechanical	0	No TC							
Vegetable, fruiting	Pepper, chili	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301			
Vegetable, fruiting	Pepper, chili	LOW	MIN	Irrigation (non-hand set)	0	No TC							
Vegetable, fruiting	Pepper, chili	LOW	MIN	Socuting	210	SSr	AR1025	Cotton	Scouting	42851302			
vegetable, fruiting	repper, cilli	LOW	IVIIIN	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501			
							AR1006	Cotton	Hand Weeding	42851302			
Vegetable, fruiting	Pepper, chili	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103			
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104			

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combi		ommended	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4224	EPA
		9			(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Vegetable, fruiting	Pepper, chili	LOW	MIN	Weeding, Mechanical	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, fruiting	Pepper, chili	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							AR1001	Strawberry	Hand Harvesting	43013003
Vegetable, fruiting	Dannar chili	HIGH	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
vegetable, fruiting	Pepper, chili	nion	FULL	Haivesting, Hand	1100	SH	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
Vegetable, fruiting	Pepper, chili	HIGH	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, multing	repper, cilli	nion	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1001	Strawberry	Hand Harvesting	43013003
Vegetable, fruiting	Tomato	HIGH	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
vegetable, multing	Tomato	nion	FULL	Haivesting, Hand	1100	эп	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
							AR1001	Strawberry	Hand Harvesting	43013003
Vegetable, fruiting	Tomato	LOW	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
vegetable, fruiting	Tomato	LOW	FOLL	Harvesting, Hand	1100	311	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, fruiting	Tomato	HIGH	FULL	Pruning, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, fruiting	Tomato	LOW	FULL	Pruning, Hand	70	SW	AR1006	Cotton	Hand Weeding	42851302
regetable, truting	Tomato	LOW	TOLL	Truming, Tranq	7.0	511	AR1018	Cotton	Hand Weeding	42689103

	Transfer Coefficient Table Post-application Agricultural Crop-Activity Combinations and Recommended Transfer Coefficients											
					Transfer		F	Exposure Study In	formation			
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA		
					(cm²/hr)	Code	Study ID	Сгор	Activity	MRID		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
							AR1001	Strawberry	Hand Harvesting	43013003		
Vegetable, fruiting	Tomato	HIGH	FULL	Tying/Training	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503		
vegetable, nutting	Tomato	Inon	FOLL	Tynig/Training	1100	311	AR1024	Strawberry	Hand Harvesting	40966502		
							ARF051	Tomato, Fresh	Tying	45530103		
							AR1001	Strawberry	Hand Harvesting	43013003		
Vegetable, fruiting	Tomato	LOW	FULL	Tying/Training	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503		
vegetable, fruiting	Тошаю	LOW	FULL	r ying/ rranning	1100	SII	AR1024	Strawberry	Hand Harvesting	40966502		
							ARF051	Tomato, Fresh	Tying	45530103		
Vegetable, fruiting	Tomato	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301		
Vegetable, fruiting	Tomato	HIGH	FULL	Irrigation (non-hand set)	0	No TC						
Vegetable, fruiting	Tomato	LOW	FULL	Coopting	210	SSr	AR1025	Cotton	Scouting	42851302		
vegetable, multing	Tomato	LOW	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501		
							AR1006	Cotton	Hand Weeding	42851302		
Vegetable, fruiting	Tomato	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
							AR1006	Cotton	Hand Weeding	42851302		
Vegetable, fruiting	Tomato	HIGH	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
							AR1006	Cotton	Hand Weeding	42851302		
Vegetable, fruiting	Tomato	LOW	MIN	Pruning, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103		
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104		
Vegetable, fruiting	Tomato	LOW	MIN	Tying/Training	1100	SH	AR1001	Strawberry	Hand Harvesting	43013003		

	Transfer Coefficient Table Post-application Agricultural Crop-Activity Combinations and Recommended Transfer Coefficients												
		l ost uppro			Transfer	VVV-		Exposure Study In	formation				
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient (cm <sup>2</sup> /hr)	ARTF D	ata Cluster	Сгор	Activity	EPA			
		, o	·		(cm²/nr)	Code	Study ID	Стор	Activity	MRID			
							AR1023	Tomato, Fresh	Hand Harvesting	40966503			
							AR1024	Strawberry	Hand Harvesting	40966502			
							ARF051	Tomato, Fresh	Tying	45530103			
Vegetable, fruiting	Tomato	LOW	MIN	Irrigation (non-hand set)	0	No TC							
Vacatable fruiting	Tomata	LOW	MIN	Coouting	210	SSr	AR1025	Cotton	Scouting	42851302			
Vegetable, fruiting	Tomato	LOW	MIIN	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501			
							AR1006	Cotton	Hand Weeding	42851302			
Vegetable, fruiting	Tomato	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103			
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104			
							ARF039	Chrysanthemu ms	Pinching	45344501			
Vegetable, fruiting	Tomato	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501			
							ARF044	Nursery Citrus	Hand Harvesting	45469502			
Vegetable, fruiting	Tomato	LOW	FULL	Irrigation (non-hand set)	0	No TC							
Vegetable, fruiting	Tomato	HIGH	MIN	Irrigation (non-hand set)	0	No TC							
Vegetable, fruiting	Tomato	HIGH	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302			
vegetable, fruiting	Tomato	поп	FULL	Scouning	210	331	AR1027	Tomato, Fresh	Scouting	42974501			
Vegetable, fruiting	Tomato, processing	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301			
Vegetable, fruiting	Tomato, processing	LOW	FULL	Irrigation (non-hand set)		No TC							
Vegetable, fruiting	Tomato,	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302			
vegetable, fluiting	processing	LOW	PULL	Scouning	210	SSI	AR1027	Tomato, Fresh	Scouting	42974501			
Vegetable, fruiting	Tomato,	LOW	FULL	Weeding, Hand	70	SW	AR1006	Cotton	Hand Weeding	42851302			
vegetable, multing	processing	LOW	POLL	weeding, Hand	70		AR1018	Cotton	Hand Weeding	42689103			

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Crop	Activity	EPA
			·		(cm²/hr)	Code	Study ID	Стор	Activity	MRID
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, fruiting	Tomato, processing	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, fruiting	Tomato, processing	LOW	FULL	Harvesting, Mechanical	0	No TC				
Vegetable, fruiting	Tomato,	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, fruiting	processing	LOW	IVIIIN	Scouning	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, fruiting	Tomato, processing	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
	1 8						AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, fruiting	Tomato, processing	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							ARF011	Cauliflower	Scouting	45005906
Vegetable, head and stem Brassica	Broccoli	LOW	FULL	Scouting	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907
							ARF037	Cabbage	Hand Weeding	45191701
							ARF011	Cauliflower	Scouting	45005906
Vegetable, head and stem Brassica	Broccoli	LOW	FULL	Harvesting, Hand	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907
							ARF037	Cabbage	Hand Weeding	45191701
Vegetable, head and stem Brassica	Broccoli	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
							ARF011	Cauliflower	Scouting	45005906
Vegetable, head and stem Brassica	Broccoli	LOW	FULL	Weeding, Hand	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907
							ARF037	Cabbage	Hand Weeding	45191701
Vegetable, head and stem Brassica	Broccoli	LOW	FULL	Weeding, Mechanical	0	No TC				

		Post-applic	ation Agricu	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Сгор	Activity	EPA
			·		(cm²/hr)	Code	Study ID	Стор	Activity	MRID
Vegetable, head and stem Brassica	Broccoli	LOW	MIN	Scouting	330	WIS	AR1008	Cauliflower	Scouting	42974501
Vegetable, head and stem Brassica	Broccoli	LOW	MIN	Thinning Plants	330	WIS	AR1008	Cauliflower	Scouting	42974501
Vegetable, head and stem Brassica	Broccoli	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, head and stem Brassica	Broccoli	LOW	MIN	Irrigation (non-hand set)	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, head and stem Brassica	Broccoli	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, head and stem Brassica	Broccoli	LOW	MIN	Weeding, Hand	1400	WlH	ARF050	Cabbage	Hand Harvesting	45530102
Vegetable, head and stem Brassica	Broccoli	LOW	MIN	Fertilizing, Injection	0	No TC				
Vegetable, head and stem Brassica	Broccoli	LOW	MIN	Weeding, Mechanical	0	No TC				
							ARF011	Cauliflower	Scouting	45005906
Vegetable, head and stem Brassica	Brussels Sprouts	LOW	FULL	Scouting	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907
	•						ARF037	Cabbage	Hand Weeding	45191701
							ARF011	Cauliflower	Scouting	45005906
Vegetable, head and stem Brassica	Brussels Sprouts	LOW	FULL	Harvesting, Hand	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907
	1						ARF037	Cabbage	Hand Weeding	45191701
Vegetable, head and stem Brassica	Brussels Sprouts	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, head and stem Brassica	Brussels Sprouts	LOW	FULL	Irrigation (non-hand set)	0	No TC				
							ARF011	Cauliflower	Scouting	42974501
Vegetable, head and stem Brassica	Brussels Sprouts	LOW	FULL	Topping	4200	Wm	ARF012	Cauliflower	Hand Harvesting	
	F						ARF037	Cabbage	Hand Weeding	
Vegetable, head and stem	Brussels	LOW	FULL	Weeding, Hand	4200	Wm	ARF011	Cauliflower	Scouting	45005906

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Crop	Activity	EPA
		9	·		(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
Brassica	Sprouts						ARF012	Cauliflower	Hand Harvesting	45005907
							ARF037	Cabbage	Hand Weeding	45191701
Vegetable, head and stem Brassica	Brussels Sprouts	LOW	MIN	Scouting	330	WIS	AR1008	Cauliflower	Scouting	42974501
							ARF011	Cauliflower	Scouting	45005906
Vegetable, head and stem Brassica	Brussels Sprouts	LOW	MIN	Weeding, Hand	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907
	-						ARF037	Cabbage	Hand Weeding	45191701
Vegetable, head and stem Brassica	Brussels Sprouts	LOW	MIN	Weeding, Mechanical	0	No TC				
	•						ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, head and stem Brassica	Brussels Sprouts	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	_						ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, head and stem Brassica	Brussels Sprouts	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, head and stem Brassica	Brussels Sprouts	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
							ARF011	Cauliflower	Scouting	45005906
Vegetable, head and stem Brassica	Brussels Sprouts	HIGH	FULL	Harvesting, Hand	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907
	•						ARF037	Cabbage	Hand Weeding	45191701
							ARF011	Cauliflower	Scouting	45005906
Vegetable, head and stem Brassica	Brussels Sprouts	HIGH	FULL	Scouting	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907
	•						ARF037	Cabbage	Hand Weeding	45191701
Vegetable, head and stem Brassica	Cabbage	LOW	FULL	Scouting	1400	WlH	ARF050	Cabbage	Hand Harvesting	45530102
Vegetable, head and stem Brassica	Cabbage	LOW	FULL	Harvesting, Hand	1400	WIH	ARF050	Cabbage	Hand Harvesting	45530102
Vegetable, head and stem Brassica	Cabbage	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, head and stem Brassica	Cabbage	LOW	FULL	Irrigation (non-hand set)	0	No TC				

	Transfer Coefficient Table Post-application Agricultural Crop-Activity Combinations and Recommended Transfer Coefficients												
					Transfer		F	Exposure Study In	formation				
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	G	A -4**4	EPA			
					(cm <sup>2</sup> /hr)	Code	Study ID	Сгор	Activity	MRID			
							ARF011	Cauliflower	Scouting	45005906			
Vegetable, head and stem Brassica	Cabbage	LOW	FULL	Weeding, Hand	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907			
							ARF037	Cabbage	Hand Weeding	45191701			
Vegetable, head and stem Brassica	Cabbage	LOW	FULL	Weeding, Mechanical	0	No TC							
Vegetable, head and stem Brassica	Cabbage	LOW	FULL	Harvesting, Mechanically- assisted	1400	WIH	ARF050	Cabbage	Hand Harvesting				
Vegetable, head and stem Brassica	Cabbage	LOW	MIN	Scouting	330	WIS	AR1008	Cauliflower	Scouting	42974501			
Vegetable, head and stem Brassica	Cabbage	LOW	MIN	Thinning Plants	330	WIS	AR1008	Cauliflower	Scouting	42974501			
Vegetable, head and stem Brassica	Cabbage	LOW	MIN	Weeding, Hand	1400	WlH	ARF050	Cabbage	Hand Harvesting	45530102			
Vegetable, head and stem Brassica	Cabbage	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301			
Vegetable, head and stem Brassica	Cabbage	LOW	MIN	Irrigation (non-hand set)	0	No TC							
							ARF039	Chrysanthemu ms	Pinching	45344501			
Vegetable, head and stem Brassica	Cabbage	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501			
							ARF044	Nursery Citrus	Hand Harvesting	45469502			
							ARF011	Cauliflower	Scouting	45005906			
Vegetable, head and stem Brassica	Cauliflower	LOW	FULL	Scouting	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907			
							ARF037	Cabbage	Hand Weeding	45191701			
							ARF011	Cauliflower	Scouting	45005906			
Vegetable, head and stem Brassica	Cauliflower	LOW	FULL	Harvesting, Hand	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907			
							ARF037	Cabbage	Hand Weeding	45191701			
Vegetable, head and stem Brassica	Cauliflower	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301			
Vegetable, head and stem Brassica	Cauliflower	LOW	FULL	Irrigation (non-hand set)	0	No TC							
Vegetable, head and stem	Cauliflower	LOW	FULL	Tying/Training	4200	Wm	ARF011	Cauliflower	Scouting	45005906			

		Post-applic	ation Agricu	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Crop	A otivite.	EPA
		8	·		(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
Brassica							ARF012	Cauliflower	Hand Harvesting	45005907
							ARF037	Cabbage	Hand Weeding	45191701
							ARF011	Cauliflower	Scouting	45005906
Vegetable, head and stem Brassica	Cauliflower	LOW	FULL	Weeding, Hand	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907
							ARF037	Cabbage	Hand Weeding	45191701
Vegetable, head and stem Brassica	Cauliflower	LOW	MIN	Scouting	330	WIS	AR1008	Cauliflower	Scouting	42974501
Vegetable, head and stem Brassica	Cauliflower	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, head and stem Brassica	Cauliflower	LOW	MIN	Irrigation (non-hand set)	0	No TC				
21465204							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, head and stem Brassica	Cauliflower	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, head and stem Brassica	Cauliflower	LOW	MIN	Fertilizing, Injection	0	No TC				
Vegetable, head and stem Brassica	Cauliflower	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, head and stem Brassica	Cauliflower	LOW	MIN	Weeding, Hand	1400	WIH	ARF050	Cabbage	Hand Harvesting	45530102
Vegetable, head and stem Brassica	Cauliflower	LOW	MIN	Thinning Plants	330	WIS	AR1008	Cauliflower	Scouting	42974501
	Cabbage,						ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, leafy	chinese, Bok	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
	choy						ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, leafy	Cabbage, chinese, Bok choy	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Cabbage, chinese, Bok choy	LOW	MIN	Irrigation (non-hand set)	0	No TC				

	Transfer Coefficient Table Post-application Agricultural Crop-Activity Combinations and Recommended Transfer Coefficients												
					Transfer		F	Exposure Study In	formation				
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4224	EPA			
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID			
Vegetable, leafy	Cabbage, chinese, Bok choy	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301			
Vegetable, leafy	Cabbage, chinese, Bok choy	LOW	FULL	Irrigation (non-hand set)	0	No TC							
Vegetable, leafy	Cabbage, chinese, Bok choy	LOW	FULL	Weeding, Mechanical	0	No TC							
Vegetable, leafy	Cabbage, chinese, Bok choy	LOW	FULL	Harvesting, Hand	1400	WIH	ARF050	Cabbage	Hand Harvesting	45530102			
Vegetable, leafy	Cabbage, chinese, Bok choy	LOW	FULL	Scouting	1400	WIH	ARF050	Cabbage	Hand Harvesting	45530102			
Vegetable, leafy	Cabbage, chinese, Bok choy	LOW	MIN	Weeding, Hand	1400	WIH	ARF050	Cabbage	Hand Harvesting	45530102			
Vegetable, leafy	Cabbage, chinese, Bok choy	LOW	MIN	Scouting	330	WIS	AR1008	Cauliflower	Scouting	42974501			
Vegetable, leafy	Cabbage, chinese, Bok choy	LOW	MIN	Thinning Plants	330	WIS	AR1008	Cauliflower	Scouting	42974501			
	Cabbage,						ARF011	Cauliflower	Scouting	45005906			
Vegetable, leafy	chinese, Bok	LOW	FULL	Weeding, Hand	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907			
	choy						ARF037	Cabbage	Hand Weeding	45191701			
Vegetable, leafy	Celery	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301			
Vegetable, leafy	Celery	LOW	FULL	Irrigation (non-hand set)	0	No TC							
Vacatalla lasfa	Ce1	LOW	EIIII	San-ti	210	gg	AR1025	Cotton	Scouting	42851302			
Vegetable, leafy	Celery	LOW	FULL	Scouting	210	SSr	AR1027	Tomato, Fresh	Scouting	42974501			
							AR1001	Strawberry	Hand Harvesting	43013003			
Vegetable, leafy	Celery	LOW	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503			
							AR1024	Strawberry	Hand Harvesting	40966502			

		Post-applic	cation Agricu	Transfer Coeff		ommended	Transfer Coef	ficients		
					Transfer			Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	G	A -40-24-	EPA
					(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
							ARF051	Tomato, Fresh	Tying	45530103
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Celery	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, leafy	Celery	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, leafy	Celery	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Celery	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vegetable, leafy	Colory	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, leary	Celery	LOW	IVIIIN	Scouning	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Celery	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, leafy	Celery	LOW	MIN	Weeding, Mechanical	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, leafy	Celery	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
	G II						ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, leafy	Cabbage, chinese, Napa	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, leafy	Cabbage, chinese, Napa	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Cabbage, chinese, Napa	LOW	MIN	Irrigation (non-hand set)		No TC				
Vegetable, leafy	Cabbage, chinese, Napa	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301

		Post-applic	cation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Crop	Activity	EPA
		9	·		(cm <sup>2</sup> /hr)	Code	Study ID	Сгор	Activity	MRID
Vegetable, leafy	Cabbage, chinese, Napa	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, leafy	Cabbage, chinese, Napa	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, leafy	Cabbage, chinese, Napa	LOW	FULL	Harvesting, Hand	1400	WlH	ARF050	Cabbage	Hand Harvesting	45530102
Vegetable, leafy	Cabbage, chinese, Napa	LOW	FULL	Scouting	1400	WlH	ARF050	Cabbage	Hand Harvesting	45530102
Vegetable, leafy	Cabbage, chinese, Napa	LOW	MIN	Weeding, Hand	1400	WlH	ARF050	Cabbage	Hand Harvesting	45530102
Vegetable, leafy	Cabbage, chinese, Napa	LOW	MIN	Scouting	330	WIS	AR1008	Cauliflower	Scouting	42974501
Vegetable, leafy	Cabbage, chinese, Napa	LOW	MIN	Thinning Plants	330	WIS	AR1008	Cauliflower	Scouting	42974501
							ARF011	Cauliflower	Scouting	45005906
Vegetable, leafy	Cabbage, chinese, Napa	LOW	FULL	Weeding, Hand	4200	Wm	ARF012	Cauliflower	Hand Harvesting	45005907
	, .						ARF037	Cabbage	Hand Weeding	45191701
Vegetable, leafy	Collards	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Collards	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, leafy	Collards	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, leary	Conards	LOW	FOLL	Scouning	210	551	AR1027	Tomato, Fresh	Scouting	42974501
							AR1001	Strawberry	Hand Harvesting	43013003
V	Callanda	LOW		Hamadina Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
Vegetable, leafy	Collards	LOW	FULL	Harvesting, Hand	1100	SH	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Collards	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, leafy	Collards	LOW	FULL	Weeding, Mechanical	0	No TC		_		

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Vegetable, leafy	Collards	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Collards	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vacatable leafy	Collards	LOW	MIN	Caputina	210	CC	AR1025	Cotton	Scouting	42851302
Vegetable, leafy	Conards	LOW	MIIN	Scouting	210	SSr	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Collards	LOW	MIN	Thinning Plants	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, leafy	Collards	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Collards	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, leafy	Greens, leafy	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Greens, leafy	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Wassella lasks	Correct lands	LOW	FULL	Constitute	210	SSr	AR1025	Cotton	Scouting	42851302
Vegetable, leafy	Greens, leafy	LOW	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1001	Strawberry	Hand Harvesting	43013003
Wassella lask.	Correct lands	LOW	FULL	Hamadina Hard	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
Vegetable, leafy	Greens, leafy	LOW	FULL	Harvesting, Hand	1100	ъп	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
Vacatable leaf-	Crooms losts	LOW	MIN	Thinning Dlants	70	SW	AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Greens, leafy	LOW	MIN	Thinning Plants	/0	SW	AR1018	Cotton	Hand Weeding	42689103

		Post-applic	ation Agrici	Transfer Coeffi ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	G	A -40-24-	EPA
					(cm <sup>2</sup> /hr)	Code	Study ID	Сгор	Activity	MRID
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Greens, leafy	LOW	FULL	Weeding, Hand	70	sw	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, leafy	Greens, leafy	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Greens, leafy	LOW	MIN	Socuting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, leary	Greens, reary	LOW	WIIN	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Greens, leafy	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, leafy	Greens, leafy	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, leafy	Greens, leafy	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, leafy	Kale	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Kale	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Voqetable leefy	Kale	LOW	FULL	Socuting	210	SSr	AR1025	Cotton	Scouting	42851302
Vegetable, leafy	Kale	LOW	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1001	Strawberry	Hand Harvesting	43013003
V 411 1 6	17.1	LOW			1100	CII	AR1023	Tomato, Fresh	Hand Harvesting	40966503
Vegetable, leafy	Kale	LOW	FULL	Harvesting, Hand	1100	SH	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
Vegetable, leafy	Kale	LOW	FULL	Weeding, Hand	70	SW	AR1006	Cotton	Hand Weeding	42851302

		Post-applic	ation Agric	Transfer Coeff		ommended '	Transfer Coef	ficients		
					Transfer			Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	a a		EPA
		220.9	2011,010,0		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, leafy	Kale	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, leafy	Kale	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Kale	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vegetable, leafy	Kale	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, leary	Kale	LOW	WIIN	Scouning	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Kale	LOW	MIN	Thinning Plants	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Kale	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, leafy	Kale	LOW	MIN	Weeding, Mechanical	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, leafy	Kale	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, leafy	Lettuce, leaf	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Lettuce, leaf	LOW	FULL	Irrigation (non-hand set)		No TC				
Vegetable, leafy	Lettuce, leaf	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, leafy	Lettuce, leaf	LOW	POLL	Scouning	210	331	AR1027	Tomato, Fresh	Scouting	42974501
Vagatable leafy	Lettuce, leaf	LOW	FULL	Harvesting, Hand	1100	SH	AR1001	Strawberry	Hand Harvesting	43013003
Vegetable, leafy	Lettuce, leaf	LOW	FULL	naivesung, nand	1100	SII	AR1023	Tomato, Fresh	Hand Harvesting	40966503

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer			Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Lettuce, leaf	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, leafy	Lettuce, leaf	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Lettuce, leaf	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vagatable leafy	Lattuce leef	LOW	MIN	Coopting	210	SSr	AR1025	Cotton	Scouting	42851302
Vegetable, leafy	Lettuce, leaf	LOW	WIIN	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Lettuce, leaf	LOW	MIN	Thinning Plants	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Lettuce, leaf	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, leafy	Lettuce, leaf	LOW	MIN	Weeding, Mechanical	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, leafy	Lettuce, leaf	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, leafy	Mint, fresh leaves	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Mint, fresh leaves	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, leafy	Mint, fresh	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302

		Post-applic	ation Agrici	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
		- пррис		j	Transfer			Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Corre	A -4**4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
	leaves						AR1027	Tomato, Fresh	Scouting	42974501
							AR1001	Strawberry	Hand Harvesting	43013003
Wassella lasfa	Mint, fresh	LOW	FULL	Hamadina Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
Vegetable, leafy	leaves	LOW	FULL	Harvesting, Hand	1100	SH	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Mint, fresh leaves	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, leafy	Mint, fresh leaves	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, leafy	Mint, fresh leaves	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Mint, fresh leaves	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vegetable, leafy	Mint, fresh	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, leary	leaves	LOW	IVIIIN	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Mint, fresh leaves	LOW	MIN	Thinning Plants	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Mint, fresh leaves	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, leafy	Mint, fresh leaves	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502

		Post-applic	ation Agrici	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwan	A otivite.	EPA
		8	·		(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
Vegetable, leafy	Mint, fresh leaves	LOW	FULL	Harvesting, Mechanical	0	No TC				
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, leafy	Mustard Green	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, leafy	Mustard Green	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Mustard Green	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vegetable, leafy	Mustard Green	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Mustard Green	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, leafy	Mustard Green	LOW	FULL	Harvesting, Mechanical	0	No TC				
Vegetable, leafy	Mustard Green	LOW	FULL	Weeding, Mechanical	0	No TC				
							AR1001	Strawberry	Hand Harvesting	43013003
Vegetable, leafy	Mustard Green	LOW	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
vegetable, leary	Widstard Green	LOW	FULL	narvesting, nand	1100	SII	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
Wassialla laska	Martand Carre	LOW	MINI	C4:	210	SSr	AR1025	Cotton	Scouting	42851302
Vegetable, leafy	Mustard Green	LOW	MIN	Scouting	210	221	AR1027	Tomato, Fresh	Scouting	42974501
Wassialla laska	Martand Carre	LOW		C4:	210	gg	AR1025	Cotton	Scouting	42851302
Vegetable, leafy	Mustard Green	LOW	FULL	Scouting	210	SSr	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Mustard Green	LOW	MIN	Thinning Plants	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vagatable leafy	Mustard Green	LOW	MIN	Weeding, Hand	70	SW	AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	wiustard Green	LOW	IVIIIN	weeding, fiand	70	S W	AR1018	Cotton	Hand Weeding	42689103

		Post-applic	cation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer			Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	G		EPA
			20110103		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Mustard Green	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, leafy	Parsley, fresh leaves	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Parsley, fresh leaves	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, leafy	Parsley, fresh	LOW	FULL	Secuting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, leary	leaves	LOW	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1001	Strawberry	Hand Harvesting	43013003
Vagetable leefy	Parsley, fresh	LOW	FULL	Howastina Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
Vegetable, leafy	leaves	LOW	FULL	Harvesting, Hand	1100	SII	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Parsley, fresh leaves	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, leafy	Parsley, fresh leaves	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, leafy	Parsley, fresh leaves	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Parsley, fresh leaves	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vagatable leefy	Parsley, fresh	LOW	MIN	Secuting	210	CC.	AR1025	Cotton	Scouting	42851302
Vegetable, leafy	leaves	LOW	IVIIIN	Scouting	210	SSr	AR1027	Tomato, Fresh	Scouting	42974501
Vegetable, leafy	Parsley, fresh	LOW	MIN	Thinning Plants	70	SW	AR1006	Cotton	Hand Weeding	42851302
vegetable, lealy	leaves	LOW	IVIIIN	Timining Frants	70	20 44	AR1018	Cotton	Hand Weeding	42689103

		Post-applic	cation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
		l ost uppiic		Training Training				Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Transfer Coefficient	ARTF D	ata Cluster	Coon	A -4°	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Parsley, fresh leaves	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
	ISUN US						AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, leafy	Parsley, fresh leaves	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, leafy	Parsley, fresh leaves	LOW	FULL	Harvesting, Mechanical	0	No TC				
Vegetable, leafy	Spinach	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Spinach	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, leafy	Spinach	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, leary	Spinach	LOW	FOLL	Scouling	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1001	Strawberry	Hand Harvesting	43013003
Vegetable, leafy	Spinach	LOW	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
vegetable, leary	Spinach	LOW	FULL	Haivesting, Hand	1100	SIT	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Spinach	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, leafy	Spinach	LOW	FULL	Weeding, Mechanical	0	No TC				
Vegetable, leafy	Spinach	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Spinach	LOW	MIN	Irrigation (non-hand set)	0	No TC				

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwan	A otivite.	EPA
		9	v		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Vegetable, leafy	Cninaah	LOW	MIN	Secuting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, leary	Spinach	LOW	IVIIIN	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Spinach	LOW	MIN	Thinning Plants	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Spinach	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, leafy	Spinach	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, leafy	Swiss Chard	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, leafy	Swiss Chard	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Swiss Chard	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vegetable, leafy	Swiss Chard	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Swiss Chard	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, leafy	Swiss Chard	LOW	FULL	Harvesting, Mechanical	0	No TC				
Vegetable, leafy	Swiss Chard	LOW	FULL	Weeding, Mechanical	0	No TC				
							AR1001	Strawberry	Hand Harvesting	43013003
Vegetable, leafy	Swiss Chard	LOW	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
							AR1024	Strawberry	Hand Harvesting	40966502

		Post-applic	ation Agricı	Transfer Coeffi ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Const	A -4::4	EPA
					(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
							ARF051	Tomato, Fresh	Tying	45530103
Vegetable, leafy	Swiss Chard	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, leary	Swiss Chard	LOW	IVIIIN	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
Voqetable leafy	Swiss Chard	LOW	FULL	Coopting	210	SSr	AR1025	Cotton	Scouting	42851302
Vegetable, leafy	Swiss Chard	LOW	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Swiss Chard	LOW	MIN	Thinning Plants	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Swiss Chard	LOW	MIN	Weeding, Hand	70	sw	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Swiss Chard	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, leafy	Watercress	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Watercress	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, leafy	Watercress	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, leary	watereress	LOW	POLL	Scouling	210	551	AR1027	Tomato, Fresh	Scouting	42974501
							AR1001	Strawberry	Hand Harvesting	43013003
Vegetable, leafy	Watercress	LOW	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
v egetable, leary	vv atereress	LOW	FULL	marcoung, mand	1100	511	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
Vegetable, leafy	Watercress	LOW	MIN	Thinning Plants	70	SW	AR1006	Cotton	Hand Weeding	42851302

		Post-annlie	ation Agricu	Transfer Coeff altural Crop-Activity Combin		ommended	Transfer Coef	ficients		
		Тозт-аррис	ation Agrice	intural Crop-Activity Comon		ommended		Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Transfer Coefficient	ARTF D	ata Cluster	G	A 45 54	EPA
		120.9	2 0115203		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Watercress	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, leafy	Watercress	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, leafy	Watercress	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, leary	watercress	LOW	IVIIIN	Scouling	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, leafy	Watercress	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, leafy	Watercress	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, leafy	Watercress	LOW	FULL	Weeding, Mechanical	0	No TC				
							AR1001	Strawberry	Hand Harvesting	43013003
Vacatable stem / stells	Artichoke,	HIGH	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
Vegetable, stem / stalk	globe	піоп	FULL	Harvesting, Hand	1100	SII	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, stem / stalk	Artichoke, globe	LOW	FULL	Pruning, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
	g1000						AR1019	Beans/Peas, Dry	Hand Weeding	42689104

		Post-applic	cation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwan	A otivite.	EPA
		9	·		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, stem / stalk	Artichoke, globe	HIGH	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
	globe						AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, stem / stalk	Artichoke, globe	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
	C						AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, stem / stalk	Artichoke, globe	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, stem / stalk	Artichoke, globe	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Voqetable stom / stells	Artichoke,	HIGH	FULL	Coopting	210	SSr	AR1025	Cotton	Scouting	42851302
Vegetable, stem / stalk	globe	піоп	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
Vegetable, stem / stalk	Artichoke, globe	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, stem / stalk	Artichoke, globe	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vegetable, stem / stalk	Artichoke,	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, stem/ stark	globe	LOW	WIIIV	Scouling	210	551	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, stem / stalk	Artichoke, globe	LOW	MIN	Thinning Plants	70	SW	AR1018	Cotton	Hand Weeding	42689103
	8						AR1019	Beans/Peas, Dry	Hand Weeding	42689104
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, stem / stalk	Artichoke, globe	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, stem / stalk	Artichoke, globe	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, stem / stalk	Artichoke, globe	LOW	FULL	Irrigation (non-hand set)	0	No TC				

		Post-applic	ation Agricı	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer			Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	G	A -4**4	EPA
					(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
							AR1001	Strawberry	Hand Harvesting	43013003
V	Artichoke,	LOW	EIII I	и с и і	1100	CII	AR1023	Tomato, Fresh	Hand Harvesting	40966503
Vegetable, stem / stalk	globe	LOW	FULL	Harvesting, Hand	1100	SH	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
Vacatable atom / stells	Artichoke,	LOW		C4:	210	SSr	AR1025	Cotton	Scouting	42851302
Vegetable, stem / stalk	globe	LOW	FULL	Scouting	210	SSr	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, stem / stalk	Asparagus	HIGH	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, stem / stalk	Asparagus	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, stem / stalk	Asparagus	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, stem / stalk	Asparagus	HIGH	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, stelli / stalk	Asparagus	поп	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
Vegetable, stem / stalk	Asparagus	HIGH	FULL	Weeding, Mechanical	0	No TC				
Vegetable, stem / stalk	Asparagus	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, stem / stalk	Asparagus	LOW	MIN	Irrigation (non-hand set)	0	No TC				
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, stem / stalk	Asparagus	LOW	MIN	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, stem / stalk	Asparagus	LOW	MIN	Fertilizing	0	No TC				
Vegetable, stem / stalk	Asparagus	LOW	MIN	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
regetable, stelli / stalk	7 isparagus	LOW	141114	Scoung	210	551	AR1027	Tomato, Fresh	Scouting	42974501
Vegetable, stem / stalk	Asparagus	LOW	MIN	Weeding, Mechanical	0	No TC				

		Post-applic	ation Agric	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4224	EPA
					(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
							AR1001	Strawberry	Hand Harvesting	43013003
Vegetable, stem / stalk	A spore and	LOW	MIN	Harvesting	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
vegetable, stelli / stalk	Asparagus	LOW	IVIIIN	Harvesung	1100	SIT	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
							ARF039	Chrysanthemu ms	Pinching	45344501
Vegetable, stem / stalk	Asparagus	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vegetable, stem / stalk	Asparagus	LOW	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vegetable, stem / stalk	Asparagus	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vegetable, stem / stalk	A spore gus	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
vegetable, stelli / stalk	Asparagus	LOW	FULL	Scouting	210	331	AR1027	Tomato, Fresh	Scouting	42974501
							AR1006	Cotton	Hand Weeding	42851302
Vegetable, stem / stalk	Asparagus	LOW	FULL	Weeding, Hand	70	SW	AR1018	Cotton	Hand Weeding	42689103
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vegetable, stem / stalk	Pineapple	LOW	FULL	Irrigation (non-hand set)	0	No TC				
							AR1001	Strawberry	Hand Harvesting	43013003
Vegetable, stem / stalk	Pineapple	LOW	FULL	Harvesting, Hand	1100	SH	AR1023	Tomato, Fresh	Hand Harvesting	40966503
vegetable, stem / stark	т теарріс	LOW	FOLL	Harvesting, Hand	1100	511	AR1024	Strawberry	Hand Harvesting	40966502
							ARF051	Tomato, Fresh	Tying	45530103
Vegetable, stem / stalk	Pineapple	LOW	FULL	Scouting	210	SSr	AR1025	Cotton	Scouting	42851302
regetable, stelli / stalk	т пісарріє	LOW	POLL	Scounig	210	331	AR1027	Tomato, Fresh	Scouting	42974501
Vegetable, stem / stalk	Pineapple	LOW	FULL	Weeding, Hand	70	SW	AR1006	Cotton	Hand Weeding	42851302
regetable, stelli / stalk	т теарріс	LOW	TOLL	Weeding, Hand	70	5 **	AR1018	Cotton	Hand Weeding	42689103

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Сгор	A odinite.	EPA
		8	·		(cm <sup>2</sup> /hr)	Code	Study ID	Сгор	Activity	MRID
							AR1019	Beans/Peas, Dry	Hand Weeding	42689104
Vine / trellis	Blackberry	HIGH	FULL	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Blackberry	HIGH	FULL	Harvesting, Hand	1400	THb	ARF020	Blackberry	Hand Harvesting	46405901
Vine / trellis	Blackberry	HIGH	FULL	Pruning, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Blackberry	HIGH	FULL	Tying/Training	1400	THb	ARF020	Blackberry	Hand Harvesting	46405901
Vine / trellis	Blackberry	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vine / trellis	Blackberry	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Vine / trellis	Blackberry	HIGH	FULL	Weeding, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Blackberry	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Vine / trellis	Blackberry	LOW	MIN	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
							ARF039	Chrysanthemu ms	Pinching	45344501
Vine / trellis	Blackberry	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vine / trellis	Blackberry	HIGH	MIN	Burndown	0	No TC				
Vine / trellis	Blackberry	LOW	MIN	Frost Control	0	No TC				
Vine / trellis	Blackberry	LOW	MIN	Weeding, Mechanical	0	No TC				
Vine / trellis	Blackberry	HIGH	FULL	Weeding, Mechanical	0	No TC				
Vine / trellis	Blackberry	LOW	MIN	Pruning, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Blackberry	HIGH	MIN	Pruning, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Blackberry	LOW	FULL	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Blackberry	HIGH	MIN	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Blackberry	LOW	MIN	Tying/Training	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910

		Post-applic	ation Agricu	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer			Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Crop	Activity	EPA
			·		(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
Vine / trellis	Blackberry	HIGH	MIN	Tying/Training	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Blackberry	LOW	FULL	Weeding, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Blueberry, highbush	HIGH	FULL	Scouting	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
Vine / trellis	Blueberry, highbush	HIGH	FULL	Harvesting, Hand	1400	THb	ARF020	Blackberry	Hand Harvesting	46405901
Vine / trellis	Blueberry, highbush	HIGH	FULL	Pruning, Hand	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
Vine / trellis	Blueberry, highbush	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vine / trellis	Blueberry, highbush	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Vine / trellis	Blueberry, highbush	HIGH	FULL	Weeding, Hand	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
Vine / trellis	Blueberry, highbush	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Vine / trellis	Blueberry, highbush	HIGH	FULL	Weeding, Mechanical	0	No TC				
Vine / trellis	Blueberry, highbush	HIGH	MIN	Pruning, Hand	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
							ARF039	Chrysanthemu ms	Pinching	45344501
Vine / trellis	Blueberry, highbush	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vine / trellis	Blueberry, highbush	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vine / trellis	Blueberry, highbush	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vine / trellis	Blueberry, highbush	LOW	FULL	Harvesting, Hand	1400	THb	ARF020	Blackberry	Hand Harvesting	46405901
Vine / trellis	Blueberry, highbush	LOW	MIN	Pruning, Hand	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
Vine / trellis	Blueberry, highbush	LOW	FULL	Pruning, Hand	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
Vine / trellis	Blueberry, highbush	LOW	FULL	Scouting	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911

		Post-applic	ation Agricu	Transfer Coeffi ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwan	A ativity	EPA
		9	·		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Vine / trellis	Blueberry, highbush	HIGH	FULL	Bird Control	640	TP	ARF025	Grapes, Table/Raisin	Scouting	45005912
Vine / trellis	Blueberry, highbush	LOW	FULL	Weeding, Hand	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
Vine / trellis	Blueberry, highbush	LOW	MIN	Frost Control	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
Vine / trellis	Cranberry, highbush	HIGH	FULL	Scouting	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
Vine / trellis	Cranberry, highbush	HIGH	FULL	Harvesting, Hand	1400	THb	ARF020	Blackberry	Hand Harvesting	46405901
Vine / trellis	Cranberry, highbush	HIGH	FULL	Pruning, Hand	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
Vine / trellis	Cranberry, highbush	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vine / trellis	Cranberry, highbush	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Vine / trellis	Cranberry, highbush	HIGH	FULL	Weeding, Hand	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
Vine / trellis	Cranberry, highbush	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Vine / trellis	Cranberry, highbush	HIGH	FULL	Weeding, Mechanical	0	No TC				
Vine / trellis	Cranberry, highbush	HIGH	MIN	Pruning, Hand	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
							ARF039	Chrysanthemu ms	Pinching	45344501
Vine / trellis	Cranberry, highbush	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vine / trellis	Cranberry, highbush	LOW	MIN	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vine / trellis	Cranberry, highbush	LOW	MIN	Irrigation (non-hand set)	0	No TC				
Vine / trellis	Cranberry, highbush	LOW	FULL	Harvesting, Hand	1400	THb	ARF020	Blackberry	Hand Harvesting	46405901
Vine / trellis	Cranberry, highbush	LOW	MIN	Pruning, Hand	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
Vine / trellis	Cranberry, highbush	LOW	FULL	Pruning, Hand	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Cwan	A otivity.	EPA
		ð	·		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Vine / trellis	Cranberry, highbush	LOW	FULL	Scouting	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
Vine / trellis	Cranberry, highbush	HIGH	FULL	Bird Control	640	TP	ARF025	Grapes, Table/Raisin	Scouting	45005912
Vine / trellis	Cranberry, highbush	LOW	FULL	Weeding, Hand	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
Vine / trellis	Cranberry, highbush	LOW	MIN	Frost Control	640	TP	ARF024	Grapes, Table/Raisin	Scouting	45005911
Vine / trellis	Grape, juice	HIGH	FULL	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, juice	HIGH	FULL	Tying/Training	10100	THjg (EPA)	ARF048	Grapes, Wine	Hand Harvesting	45491901
Vine / trellis	Grape, juice	HIGH	FULL	Harvesting, Hand	10100	THjg (EPA)	ARF048	Grapes, Wine	Hand Harvesting	45491901
Vine / trellis	Grape, juice	HIGH	FULL	Pruning, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, juice	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vine / trellis	Grape, juice	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Vine / trellis	Grape, juice	HIGH	FULL	Weeding, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, juice	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Vine / trellis	Grape, juice	HIGH	FULL	Weeding, Mechanical	0	No TC				
Vine / trellis	Grape, juice	HIGH	MIN	Tying/Training	10100	THjg (EPA)	ARF048	Grapes, Wine	Hand Harvesting	45491901
Vine / trellis	Grape, juice	HIGH	MIN	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, juice	LOW	MIN	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, juice	LOW	MIN	Weeding, Mechanical	0	No TC				
Vine / trellis	Grape, juice	LOW	MIN	Propagating	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
							ARF039	Chrysanthemu ms	Pinching	45344501
Vine / trellis	Grape, juice	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Сгор	Activity	EPA
			·		(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Vine / trellis	Grape, juice	HIGH	FULL	Burndown	0	No TC				
Vine / trellis	Grape, juice	HIGH	FULL	Ditching	0	No TC				
Vine / trellis	Grape, juice	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vine / trellis	Grape, juice	HIGH	MIN	Pruning, Mechanical	0	No TC				
Vine / trellis	Grape, juice	HIGH	FULL	Leaf Pulling	10100	THjg (EPA)	ARF048	Grapes, Wine	Hand Harvesting	45491901
Vine / trellis	Grape, juice	HIGH	FULL	Bird Control	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, juice	LOW	MIN	Trellis Repair	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, juice	LOW	MIN	Tying/Training	10100	THjg (EPA)	ARF048	Grapes, Wine	Hand Harvesting	45491901
Vine / trellis	Grape, juice	LOW	FULL	Tying/Training	10100	THjg (EPA)	ARF048	Grapes, Wine	Hand Harvesting	45491901
Vine / trellis	Grape, wine	HIGH	FULL	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, wine	HIGH	FULL	Tying/Training	10100	THjg (EPA)	ARF048	Grapes, Wine	Hand Harvesting	45491901
Vine / trellis	Grape, wine	HIGH	FULL	Harvesting, Hand	10100	THjg (EPA)	ARF048	Grapes, Wine	Hand Harvesting	45491901
Vine / trellis	Grape, wine	HIGH	FULL	Pruning, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, wine	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vine / trellis	Grape, wine	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Vine / trellis	Grape, wine	HIGH	FULL	Weeding, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, wine	HIGH	FULL	Harvesting, Mechanical	0	No TC				
Vine / trellis	Grape, wine	HIGH	FULL	Weeding, Mechanical	0	No TC				
Vine / trellis	Grape, wine	HIGH	MIN	Tying/Training	10100	THjg (EPA)	ARF048	Grapes, Wine	Hand Harvesting	45491901
Vine / trellis	Grape, wine	HIGH	MIN	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, wine	LOW	MIN	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910

		Post-applic	ation Agricu	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients		
					Transfer		F	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Const	A -4::4	EPA
					(cm²/hr)	Code	Study ID	Сгор	Activity	MRID
Vine / trellis	Grape, wine	LOW	MIN	Weeding, Mechanical	0	No TC				
Vine / trellis	Grape, wine	LOW	MIN	Propagating	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
							ARF039	Chrysanthemu ms	Pinching	45344501
Vine / trellis	Grape, wine	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vine / trellis	Grape, wine	HIGH	FULL	Burndown	0	No TC				
Vine / trellis	Grape, wine	HIGH	FULL	Ditching	0	No TC				
Vine / trellis	Grape, wine	LOW	FULL	Irrigation (non-hand set)	0	No TC				
Vine / trellis	Grape, wine	HIGH	MIN	Pruning, Mechanical	0	No TC				
Vine / trellis	Grape, wine	HIGH	FULL	Leaf Pulling	10100	THjg (EPA)	ARF048	Grapes, Wine	Hand Harvesting	45491901
Vine / trellis	Grape, wine	HIGH	FULL	Bird Control	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, wine	LOW	MIN	Trellis Repair	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, wine	LOW	MIN	Tying/Training	10100	THjg (EPA)	ARF048	Grapes, Wine	Hand Harvesting	45491901
Vine / trellis	Grape, wine	LOW	FULL	Tying/Training	10100	THjg (EPA)	ARF048	Grapes, Wine	Hand Harvesting	45491901
Vine / trellis	Grape, raisin	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vine / trellis	Grape, raisin	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Vine / trellis	Grape, raisin	HIGH	FULL	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, raisin	HIGH	FULL	Tying/Training	5500	THtg	AR1020	Grapes, Table/Raisin	Hand Harvesting	43223907
vine / tiens	Orape, raisili	111011	TOLL	1 ying/11aining	3300	(EPA)	AR1022	Grapes, Table/Raisin	Hand Harvesting	40985601
Vine / trellis	Grape, raisin	HIGH	FULL	Harvesting, Hand	5500	THtg	AR1020	Grapes, Table/Raisin	Hand Harvesting	43223907
vine / tiellis	Grape, raisin	111011	TOLL	Tim vesting, Timid	3300	(EPA)	AR1022	Grapes, Table/Raisin	Hand Harvesting	40985601

		Post-applic	ation Agrici	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Coon	A -4::4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Vine / trellis	Grape, raisin	HIGH	FULL	Pruning, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, raisin	HIGH	FULL	Leaf Pulling	5500	THtg	AR1020	Grapes, Table/Raisin	Hand Harvesting	43223907
, me, uems	Grupe, ruisiii	111011	1022			(EPA)	AR1022	Grapes, Table/Raisin	Hand Harvesting	40985601
Vine / trellis	Grape, raisin	HIGH	FULL	Weeding, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, raisin	LOW	MIN	Tying/Training	5500	THtg	AR1020	Grapes, Table/Raisin	Hand Harvesting	43223907
v me / trems	Grupe, ruisin	2011	171111	Tymg Huming	3300	(EPA)	AR1022	Grapes, Table/Raisin	Hand Harvesting	40985601
							ARF039	Chrysanthemu ms	Pinching	45344501
Vine / trellis	Grape, raisin	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vine / trellis	Grape, table	HIGH	FULL	Girdling	19300	Tx	AR1015	Grapes, Table/Raisin	Cane Turning	40975304
Vine / trellis	Grape, table	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301
Vine / trellis	Grape, table	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Vine / trellis	Grape, table	HIGH	FULL	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, table	HIGH	FULL	Turning	19300	Tx	AR1015	Grapes, Table/Raisin	Cane Turning	40975304
Vine / trellis	Grape, table	HIGH	FULL	Tying/Training	5500	THtg	AR1020	Grapes, Table/Raisin	Hand Harvesting	43223907
vine / trems	Grape, table	IIIOII	FOLL	Tynig/Training	3300	(EPA)	AR1022	Grapes, Table/Raisin	Hand Harvesting	40985601
Vine / trellis	Grape, table	HIGH	FULL	Harvesting, Hand	5500	THtg	AR1020	Grapes, Table/Raisin	Hand Harvesting	43223907
vine / tienis	Grape, table	mon	POLL	riai vesting, riand	3300	(EPA)	AR1022	Grapes, Table/Raisin	Hand Harvesting	40985601
Vine / trellis	Grape, table	HIGH	FULL	Pruning, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grape, table	HIGH	FULL	Leaf Pulling	5500	THtg	AR1020	Grapes, Table/Raisin	Hand Harvesting	43223907
vine / tienis	Grape, table	111011	TOLL	Lear Lunning	3300	(EPA)	AR1022	Grapes, Table/Raisin	Hand Harvesting	40985601

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended	Transfer Coef	ficients		
					Transfer		I	Exposure Study In	formation	
Crop Group	Crop	Crop Height	Foliage Density	Activity	Coefficient	ARTF D	ata Cluster	Const	A -4::4	EPA
					(cm²/hr)	Code	Study ID	Crop	Activity	MRID
Vine / trellis	Grape, table	HIGH	FULL	Weeding, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Grana tabla	LOW	MIN	Tying/Training	5500	THtg	AR1020	Grapes, Table/Raisin	Hand Harvesting	43223907
ville / trems	Grape, table	LOW	IVIIIN	Tymg/Training	3300	(EPA)	AR1022	Grapes, Table/Raisin	Hand Harvesting	40985601
							ARF039	Chrysanthemu ms	Pinching	45344501
Vine / trellis	Grape, table	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vine / trellis	Kiwifruit	HIGH	FULL	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Kiwifruit	HIGH	FULL	Harvesting, Hand	10100	THjg (EPA)	ARF048	Grapes, Wine	Hand Harvesting	45491901
Vine / trellis	Kiwifruit	HIGH	FULL	Pruning, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Kiwifruit	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Vine / trellis	Kiwifruit	HIGH	FULL	Weeding, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Kiwifruit	HIGH	FULL	Weeding, Mechanical	0	No TC				
Vine / trellis	Kiwifruit	HIGH	MIN	Tying/Training	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
							ARF039	Chrysanthemu ms	Pinching	45344501
Vine / trellis	Kiwifruit	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501
							ARF044	Nursery Citrus	Hand Harvesting	45469502
Vine / trellis	Passionfruit	HIGH	FULL	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Passionfruit	HIGH	FULL	Harvesting, Hand	10100	THjg (EPA)	ARF048	Grapes, Wine	Hand Harvesting	45491901
Vine / trellis	Passionfruit	HIGH	FULL	Pruning, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910
Vine / trellis	Passionfruit	HIGH	FULL	Irrigation (non-hand set)	0	No TC				
Vine / trellis	Passionfruit	HIGH	FULL	Weeding, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910

		Post-applic	ation Agric	Transfer Coeff ultural Crop-Activity Combin		ommended '	Transfer Coef	ficients				
				Activity	Transfer Coefficient (cm²/hr)	Exposure Study Information						
Crop Group	Crop	Crop Height	Foliage Density			ARTF Data Cluster		Consta		EPA		
						Code	Study ID	Сгор	Activity	MRID		
Vine / trellis	Passionfruit	HIGH	FULL	Weeding, Mechanical	0	No TC						
Vine / trellis	Passionfruit	HIGH	MIN	Tying/Training	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910		
							ARF039	Chrysanthemu ms	Pinching	45344501		
Vine / trellis	Passionfruit	LOW	MIN	Transplanting	230	GN	ARF043	Nursery Citrus	Pruning	45469501		
							ARF044	Nursery Citrus	Hand Harvesting	45469502		
Vine / trellis	Raspberry	HIGH	FULL	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910		
Vine / trellis	Raspberry	HIGH	FULL	Harvesting, Hand	1400	THb	ARF020	Blackberry	Hand Harvesting	46405901		
Vine / trellis	Raspberry	HIGH	FULL	Pruning, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910		
Vine / trellis	Raspberry	HIGH	FULL	Tying/Training	1400	THb	ARF020	Blackberry	Hand Harvesting	46405901		
Vine / trellis	Raspberry	HIGH	FULL	Irrigation (hand set)	1900	I	ARF036	Potato	Irrigation	45726301		
Vine / trellis	Raspberry	HIGH	FULL	Irrigation (non-hand set)	0	No TC						
Vine / trellis	Raspberry	HIGH	FULL	Weeding, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910		
Vine / trellis	Raspberry	HIGH	FULL	Harvesting, Mechanical	0	No TC						
Vine / trellis	Raspberry	LOW	MIN	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910		
					230		ARF039	Chrysanthemu ms	Pinching	45344501		
Vine / trellis	Raspberry	LOW	MIN	Transplanting		GN	ARF043	Nursery Citrus	Pruning	45469501		
							ARF044	Nursery Citrus	Hand Harvesting	45469502		
Vine / trellis	Raspberry	HIGH	MIN	Burndown	0	No TC						
Vine / trellis	Raspberry	LOW	MIN	Frost Control	0	No TC						
Vine / trellis	Raspberry	LOW	MIN	Weeding, Mechanical	0	No TC						
Vine / trellis	Raspberry	HIGH	FULL	Weeding, Mechanical	0	No TC						
Vine / trellis	Raspberry	LOW	MIN	Pruning, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910		

	Transfer Coefficient Table Post-application Agricultural Crop-Activity Combinations and Recommended Transfer Coefficients												
	Сгор			Activity	Transfer Coefficient (cm²/hr)	Exposure Study Information							
Crop Group		Crop Height	Foliage Density			ARTF Data Cluster		Cwan	A -4::4	EPA			
						Code	Study ID	Crop	Activity	MRID			
Vine / trellis	Raspberry	HIGH	MIN	Pruning, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910			
Vine / trellis	Raspberry	LOW	FULL	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910			
Vine / trellis	Raspberry	HIGH	MIN	Scouting	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910			
Vine / trellis	Raspberry	LOW	MIN	Tying/Training	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910			
Vine / trellis	Raspberry	HIGH	MIN	Tying/Training	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910			
Vine / trellis	Raspberry	LOW	FULL	Weeding, Hand	640	TP	ARF023	Grapes, Table/Raisin	Scouting	45005910			

	Non-Foliar Transfer Coefficient Table												
		Crop Height				Exposure Study Information							
Crop Group	Crop		Foliage Density	Activity	Trai	ARTF Data Cluster		C	Activity	EPA MRID			
		b	·			Code	Study ID	Crop					
Field / row crop, low / medium	Cotton	HIGH	MIN	Harvesting, Mechanical (Module Builder Operator)	900 gm cotton boll/hr	Harvesting occurs	CHm	AR1004	Cotton	Harvesting, Mechanical	42701601		
Field / row crop, low / medium	Cotton	HIGH	MIN	Harvesting, Mechanical (Picker Operator)	2400 gm cotton boll/hr	following defoliation. Exposure results from contacting cotton bolls.	СНр	AR1004	Cotton	Harvesting, Mechanical	42701601		
Field / row crop, low / medium	Cotton	HIGH	MIN	Harvesting, Mechanical (Raker)	2400 gm cotton boll/hr	Estimate of dislodgeable residue on cotton bolls (ug ai/gm cotton boll) is	СНр	AR1004	Cotton	Harvesting, Mechanical	42701601		
Field / row crop, low / medium	Cotton	HIGH	MIN	Harvesting, Mechanical (Tramper)	necessary to calculate exposure.  5050 gm cotton boll/hr		CHt	AR1004	Cotton	Harvesting, Mechanical	42701601		
Tree, "fruit", deciduous	All	HIGH	MIN	Pruning, Hand	Transfer coefficients for dormant pruning are unavailable. Assessment options include requesting exposure data or a qualitative comparison with a post-application exposure scenario assumed to result in higher exposure. Note that								
Tree, "fruit", evergreen	All	111011	1,211	(dormant)	dislodgeable branch or bark residue would be needed for an exposure assessment, as this would be the surface contacted by workers performing this activity.						the surface		

Non-Foliar Transfer Coefficient Table											
		Op Crop Height					Exposure Study Information				
Crop Group	Crop		Foliage Density	Activity	Transfer Coefficient	ARTF Data Cluster		Crop Activity		EDA MDID	
						Code	Study ID	Crop	Activity	EPA MRID	
Tree, "nut"	All										
Vegetable, "root"	Potato			MIN Harvest, Hand	Harvesting occurs following defoliation, and exposure results via contact with residues in the soil, for which transfer coefficients are currently unavailable. Assessment options include requesting exposure data or a qualitative						
Vegetable, "root"	Potato, Sweet	LOW	MIN		comparison with a post-application exposure scenario assumed to result in higher exposure. Note that dislodgeable soil residue would be needed for an exposure assessment, as this would be the media contacted by worker's performing this activity. A study monitoring exposure to juvenile potato harvesters is available ( <i>Youth in Agriculture:</i>						
Vegetable, "root"	Onion, bulb				Dermal and Respiratory Exposure Assessmen University of South Carolina, 1982), howe	it of Juven	ile Potato Harv	esters, Arooi	nstock County Mo	aine, Medical	
T	All (except Pistachio and Olive)	HIGH	` .		Mechanical Sweeping	Exposure during nut sweeping and windrowi currently unavailable. Assessment options incl application exposure scenario assumed to resu	lude reque ult in high	sting exposure er exposure. N	data or a qua ote that dislo	litative compariso dgeable soil resid	on with a post- lue would be
Tree, "nut"			FULL	Mechanical Windrowing	G 75' COLUD CL'CC C .' 1004 EDA MDID 40777401) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						