

Work Plan for Registration of Conventional Pesticides

The Registration Division's FY2003 Work Plan identifies 19 new chemical candidates for decision-making during the fiscal year. From these 19 candidates, the Agency anticipates making 12 registration decisions. Five (5) of these chemicals have twenty nine (29) associated uses classified as "reduced-risk." Four (4) of these chemicals have seven (7) associated uses classified as organophosphate alternatives. The work plan includes more candidates than anticipated actual decisions. It serves as a candidate pool for achieving the registration program's regulatory goals for the fiscal year and has historically included more decision candidates than anticipated completions to ensure that the Agency's regulatory goals are met.

New Chemical Registration Candidates

Qtr	Chemical	Trade Name	Pesticide Type	Uses	Registrant	Comments
1 st	Milbemectin		Insecticide	Ornamentals	Sankyo Co.	
2 nd	Nicobifen (BAS 510F)	Endura/ Pristine	Fungicide	Beans (dry & succulent), Berries, Carrot, Canola, Grape, Lettuce, Onion, Peanut, Potato, Stone Fruit, Tomato, Tree Nuts, Turf	BASF	Joint Review; Reduced Risk; Electronic Data Submission
2 nd	Acetaminophen			Non-crop Areas	USDA	For use in Guam and Mariana Islands only
2 nd	Ammonium Nitrate	Bud Break	Plant Growth Regulator	Apple, Cherry, Grape	Western Farm Service Inc.	
2 nd	Calcium Nitrate	Bud Break	Plant Growth Regulator	Apple, Cherry, Grape	Western Farm Service Inc.	
2 nd	Clothianidin	TI-435	Insecticide	Apple, Canola (seed), Corn (seed), Pear	Bayer	Joint Review; OP Alternative; Electronic Data Submission
2 nd	EH-2001		Rodenticide	Richardson/Wyoming Ground Squirrel	Exit Holdings	Joint Review; Reduced Risk
2 nd	Fosthiazate		Insecticide	Tomato	ISK Biosciences	New OP; Methyl Bromide Alternative (tomatoes only)

2 nd	Iodomethane		Nematicide	Strawberry, Tomato	Arvesta	Methyl Bromide Alternative; grower interest ^A
-----------------	-------------	--	------------	--------------------	---------	--

Qtr	Chemical	Trade Name	Pesticide Type	Uses	Registrant	Comments
3 rd	Famoxadone	Tanos	Fungicide	Cucurbit Vegetables, Fruiting Vegetables, Grape (import), Head Lettuce, Potato, Tomato (import)	Dupont	Joint Review; grower interest ^{B,D}
3 rd	Flonicamid		Insecticide	Greenhouse Ornamentals	FMC/ISK Bioscience	OP Alternative
3 rd	Noviflumuron	XDE-007	Insecticide	Termite Bait	Dow Agro	Reduced Risk/OP Alternative; Electronic Data Submission
3 rd	Thiacloprid	Calypso	Insecticide	Apple, Cotton, Stone Fruits	Bayer/IR-4	IR-4 Submission; Electronic Data Submission; grower interest ^{C,E}
4 th	Acequinocyl	Piton	Insecticide	Almonds, Citrus, Ornamentals, Pome Fruit	Arvesta	Reduced Risk
4 th	Butafenacil	CGA-276854	Herbicide	Cotton	Syngenta	OP Alternative
4 th	Flufenpyr-ethyl		Herbicide	Corn, Soybean, Sugarcane	Valent	USDA vulnerable pest/crop
4 th	Quinoxifen	Quintec	Fungicide	Cherry, Grape, Hops	Dow Agro/IR-4	Reduced Risk (except cherry); IR-4 Submission; grower interest ^{F,G}
4 th	Spiroxamine		Fungicide	Grape, Hops	Bayer/IR-4	IR-4 Submission; grower interest ^{F,G}
4 th	Trifloxysulfuron		Herbicide	Almond, Citrus, Cotton, Sugarcane, Tomato, Turf	Syngenta	Methyl Bromide Alternative (tomatoes only); Electronic Data Submission

Key to Grower/Commodity/Agriculture Groups: (These groups have provided their ranked, critical pest controls needs listing to the Agency through the Registration Division. Send your Grower/Commodity/Agriculture Group Prioritized listing to Rachel Holloman at

Holloman.Rachel@epa.gov, Chief of the Registration Support Branch.)

- A- California Strawberry Commission
- B- Florida Fruit and Vegetable Association
- C- National Peach Council
- D- National Potato Council
- E- Northwest Horticultural Council/U.S. Apple Association
- F- U.S. Hops Industry
- G- Washington Hop Commission

Work Plan for Registration of Conventional Pesticide

The Office of Pesticide Program FY2003 Work Plan identifies 10 inert (other) ingredients for decision-making during the fiscal year. Seven of these chemicals are carry-overs that could not be completed in FY2002.

Food-Use Registration Candidates

<i>Chemical</i>	<i>Use</i>	<i>Decision Date</i>	<i>Comments</i>
2-ethylhexyl glucopyranoside	Inert ¹		
2-Hydroxyacetophenone	Inert ¹		
Bronopol	Inert ¹		
EMPG	Inert ¹		
Ethyl maltol	Inert ¹		
HOE 107892	Safener ²		
Isododecane (non-food)	Inert ¹		
N-(N-octyl)-2-pyrrolidone and n-(n-dodecyl)-2-pyrrolidone)	Inert ¹		
Octanal	Inert ¹		
Two Anionic Surfactants	Inert ¹		

1 Inert = non-pesticidal active component of a pesticide product such as a surfactant or emulsifier.

2 Safener = inert ingredient used to protect desired crop from the effects of the active ingredient, typically a herbicide.

Work Plan for Registration of Conventional Pesticides
FY2003 New Use Candidates for Already-Registered Chemicals

The listing below identifies approximately 320 potential new uses for 65 already-registered chemicals. From these new use candidates, the Agency anticipates issuing 230 new use decisions. Thirty five (35) of these new uses are classified as "[reduced-risk](#)" uses. As opportunities arise during the course of the fiscal year, additional new use candidates may be added to this list for decision-making. Any additions to this list will be subjected to the prioritization criteria outlined in Pesticide Registration Notice [97-2](#) and [98-7](#).

The work plan includes more candidates than anticipated actual decisions. It serves as a candidate pool for achieving the registration program's regulatory goals for the fiscal year and has historically included more decision candidates than anticipated completions to ensure that the Agency's regulatory goals are met.

New Use Candidates for Already-Registered Chemicals

Qtr	Chemical	Trade Name	Pesticide Type	Uses	Registrant	Comments
1 st	1,3-dichloropropene	Curfew	Fungicide	Turf	Dow Agro	
1 st	Acetamiprid	Assail; Pristine	Insecticide	Mustard (seed), Canola (seed)	Aventis	Joint Review
1 st	Bifenthrin	Capture	Insecticide	Bananas (import), Citrus, Crack and Crevice, Herb subgroup (potted plants), Leafy Brassica Greens subgroup, Okra, Pear, Pecan, Spinach, Tomato, Walnut	FMC/ Boehringer/ Whitmire/IR-4	grower interest ^V
1 st	Carboxin	Vitavax	Fungicide	Canola (seed)	Gustafson; Uniroyal	grower interest ^Q
1 st	Cyprodinil	Switch	Fungicide	Caneberry, Pistachio, Watercress	IR-4	
1 st	Hexythiazox	Savey	Insecticide	Date	IR-4	
1 st	Imazethapyr	Pursuit	Herbicide	Canola (import), Clover	BASF	
1 st	Lambda-cyhalothrin	Impasse	Insecticide	Termite barrier	Syngenta	Reduced Risk Registered 10/10/2002
1 st	Mesotrione	Callisto	Herbicide	Corn (pop)	IR-4	
1 st	Pyriproxyfen	Knack; Esteem	Insecticide	Brassica Leafy Vegetable, Cucurbit Vegetable, Fig, Okra, Olive, Papaya Fruits, Sugar Apple Fruits, Ugli fruit	Valent/IR-4	Reduced Risk & OP Alternative (for all uses except Fig and Okra)
1 st	Thiamethoxam	Actara; Centric	Insecticide	Corn (field, pop, and sweet seed)	Syngenta	Registered 10/24/2002

Qtr	Chemical	Trade Name	Pesticide Type	Uses	Registrant	Comments
2 nd	Azoxystrobin	Abound; Quadris	Fungicide	Artichoke, Asparagus, Brassica Head & Stem subgroup, Herb subgroup	IR-4	
2 nd	Buprofezin		Insecticide	Bean (snap), Lychee, Pistachio	IR-4	
2 nd	Chlorfenapyr	Alert	Insecticide	Fruiting Vegetables (GH)	BASF	grower interest ^G
2 nd	Cryolite	Bait	Insecticide	Mint	IR-4	
2 nd	Cymoxanil	Curzate	Fungicide	Cucurbits, Fruiting Vegetables, Hops, Lychee (import)	DuPont/IR-4	grower interest ^R
2 nd	Cyromazine	Trigard	Insecticide	Bean (lima), Bean (dry), Brassica leafy vegetable group, Bulb vegetable group	IR-4	
2 nd	Deltamethrin	Decis	Insecticide	Brassica Leafy Vegetables, Bulb Vegetables, Canola, Corn (field), Cucurbit Vegetables, Fruiting Vegetables, Leafy Vegetables (except Brassica), Lychee (import), Pome Fruit, Root & Tuber Vegetables, Sorghum, Soybean, Starfruit (import), Stone Fruit, Stored Grain, Sunflower, Termites, Tree Nuts, Wood Preservative, Wheat	Aventis	OP Alternative (for Brassica Leafy Vegetables, Bulb Vegetables, Corn (field), Cucurbit Vegetables, Fruiting Vegetables, Leafy Vegetables (except Brassica), Pome Fruit, Root & Tuber Vegetables, Sorghum , Stone Fruit, Tree Nuts); grower interest ^Q
2 nd	Emamectin Benzoate		Insecticide	Cotton, Fruiting Vegetables, Leafy Vegetables (except Brassica), Tobacco	Syngenta	OP Alternative; grower interest ^G
2 nd	Fosetyl-Al	Aliette	Fungicide	Leek, Onion (green)	IR-4	
2 nd	Glufosinate-Ammonium	Liberty	Herbicide	Blueberry, Cotton, Rice	Aventis/IR-4	Reduced Risk (for Rice);
2 nd	Hydramethylnon	Amdro; Maxfor	Insecticide	Pineapple	BASF	grower interest ^O
2 nd	Imazamox	Raptor	Herbicide	All RACs	IR-4	

2 nd	Imidacloprid	Admire; Provado	Insecticide	Artichoke, Banana (import), Bean (dry), Bushberry, Corn (pop), Cranberry, Cucumber (GH), Guava, Juneberry, Leaves of root and tuber group, Legume Vegetables (except soybean) ³ , Lingonberry, Mamey Sapote, Okra, Papaya, Root vegetable (except sugar beet) subgroup, Salal, Stone fruit group, Strawberry, Tomato (GH), Watercress	Bayer/IR-4	grower interest ^{F,N,P,D}
2 nd	Methoxyfenozide		Insecticide	Cucurbit vegetable group, Cranberry, Okra, Pea (blackeyed& southern), Turnip Greens	IR-4	Electronic Data Submission; grower interest ^Q
2 nd	S-Metolachlor	Dual	Herbicide	Spinach, Sugar Beet, Sunflower, Tomato	Syngenta/IR-4	
2 nd	Sethoxydim	Poast	Herbicide	Corn (sweet), Juneberry, Lingonberry, Pistachio, Safflower, Salal, Tobacco	BASF/IR-4	
2 nd	Sulfentrazone	Authority	Herbicide	Asparagus, Bean (lima), Cabbage, Horseradish, Mint, Potato, Sunflower, Turf	PBI Gordon/IR-4	grower interest ^{H,M}
2 nd	Sulfuryl fluoride	Profume	Insecticide	Dried Fruit, Stored Grains, Tree Nuts	Dow Agro	Methyl Bromide Alternative
2 nd	Thiamethoxam*	Actara; Centric	Insecticide	Bean (succulent)[seed], Brassica Leafy Vegetables, Coffee (import), Leafy Vegetables (except Brassica Veg.), Ornamentals (professional use), Stone fruit group, Sunflower (seed), Pecans	Syngenta/IR-4	OP Alternative (for Brassica Leafy Vegetables, Leafy Vegetables (expt. Brassica Veg.), and Ornamentals); grower interest ^{B,K}
2 nd	Trifloxystrobin	Flint	Fungicide	Leaf Petioles subgroup, Root Vegetables (expt. sugar beet) subgroup	IR-4	

Qtr	Chemical	Trade Name	Pesticide Type	Uses	Registrant	Comments
3 rd	Bifenazate	Floramite	Insecticide	Cucurbit vegetable group, Fruiting vegetable group, Mint, Pistachio, Tomato (GH), Tree nut group	IR-4	
3 rd	Cyprodinil*	Switch	Fungicide	Brassica leafy vegetable group, Bushberry, Carrot, Herb subgroup, Juneberry, Lingonberry, Lychee, Salal	IR-4	Electronic Data Submission

3rd	DRC-1339	Starlicide	Avicide	Barley, Corn, Rice, Soybean, Wheat, Sunflower	USDA/APHIS	USDA Interest
3rd	Fenhexamid	Elevate	Fungicide	Cucumber (GH), Fruiting vegetable group, Kiwi, Lettuce (GH), Pome fruit group (post harvest), Pomegranate, Stone fruit group(postharvest)	IR-4	
3rd	Fenpropathrin		Insecticide	Currant, Pea (succulent), Fruiting vegetable group	IR-4	
3rd	Fenpyroximate	Fuji; Fujimite	Insecticide	Cotton, Grape, Pome fruit group	Nichino America/IR-4	Reduced Risk (for Apple, Cotton & Grape)
3rd	Fludioxonil	Switch	Fungicide	Brassica leafy vegetable group, Carrot, Herb subgroup, Lychee	IR-4	Electronic Data Submission
3rd	Fluroxypyr	Starane	Herbicide	Corn (field & sweet), Range & Pastureland, Sorghum, Turf	Platte Chemical	Reduced Risk (for Corn [field & sweet]); grower interest ^{L,K,L}
3rd	Folpet	Folpan 80 WDG	Fungicide	Hops	IR-4/MANA	grower interest ^{R,S}
3rd	Pyraflufen-ethyl	ET-751	Herbicide	Cotton, Corn, Potato, Soybean, Wheat	Ninchino	Cotton & Potato uses is Electronic Data Submission
3rd	Pyridaben	Pyramite	Insecticide	Hops, Papaya, Strawberry, Tomato (GH)	IR-4	Hops, Strawberry and Tomato are s; grower interest ^{D,R}

Qtr	Chemical	Trade Name	Pesticide Type	Uses	Registrant	Comments
4th	Abamectin	AgriMek; Avert; Avid; Zephyr	Insecticide	Avocado, Basil, Food Handling Establishments, Spinach	Syngenta; Whitmire; Merck/IR-4	
4th	Ammonium Thiosulfate	ATS	Herbicide	Apple	National Chelating	grower interest ^{N,P}
4th	Dimethenamid	Outlook	Herbicide	Beet (sugar & garden), Data per condition of registration, Horseradish, Onion (dry bulb), Tuberous and corm vegetable subgroup	BASF/IR-4	grower interest ^K
4th	Dimethomorph	Acrobat	Fungicide	Brassica leafy greens subgroup, Fruiting vegetables, Taro	IR-4	
4th	Etoxazole	Tetrasan	Insecticide	Cotton, Pome Fruit, Strawberry	Valent	Reduced Risk
4th	Flumioxazin	Valor	Herbicide	Almonds, Cotton, grape, ornamentals, shrubs, sugarcane, trees	Valent	grower interest ^A
4th	Gamma-Cyhalothrin	XDE-225	Insecticide			
4th	Imazapyr	Arsenal	Herbicide	Aquatic Sites, Rangeland	BASF	
4th	Mefenoxam	Ridomil Gold	Fungicide	Brassica Leafy Vegetables	IR-4	
4th	Mesotrione*	Callisto	Herbicide	Corn (sweet)	Syngenta	Reduced Risk

4th	Prallethrin	ETOC	Insecticide	Mosquito Adulticide	Sumitomo	
4th	Pymetrozine	Fulfill	Insecticide	Asparagus, Blueberry	Syngenta/ IR-4	
4th	Pyraclostrobin	Cabrio; Headline EC	Fungicide	Head and Stem Brassica Vegetable subgroup, Leafy Greens (except spinach), Turnip (tops)	IR-4	
4th	Pyrimethanil	Scala	Fungicide	Bulb Vegetables, Banana (import), Citrus Fruits (field and post-harvest), Grape (domestic and import), Pome Fruits (field and post-harvest), Rice, Stone Fruits, Strawberry, Tomato, Tree Nuts, Tuberous & Corm Vegetables	Bayer/Janssen	Reduced Risk (for Bulb Vegetables, Grape, Pome Fruits (field), Stone Fruits, Strawberry, Tomato, Tree Nuts, Tuberous & Corm Vegetables); USDA and grower interest ^U
4th	Tebufenozide	Confirm	Insecticide	Citrus Fruits, Grape, Rotational Crops, Tuberous and Corm vegetable subgroup	Rohm & Haas; IR-4	Reduced Risk (for Citrus Fruits)
4th	Zinc Phosphide		Insecticide	Alfalfa, Barley, Bean (dry & succulent), Beet (sugar), Grass (timothy), Potato, Wheat	IR-4	

* Chemical that is repeated in the table

Key to Grower/Commodity/Agriculture Groups: (These groups have provided their ranked, critical pest controls needs listing to the Agency through the Registration Division. Send your Grower/Commodity/Agriculture Group Prioritized listing to Rachel Holloman at Holloman.Rachel@epa.gov, Chief of the Registration Support Branch.)

A - Almond Board of California
Agriculture Council of Arkansas
American Nursery & Landscape Association
- Tom Dodd Nurseries Inc.
- Texas Nursery & Landscape Association
- Zelenka Nurseries
- Suncrest Nurseries, Inc.
- Spring Meadow Nursery
- Creekside Nursery
- The Connecticut Agricultural Experiment Station
California Grape & Tree Fruit League
Georgia Cotton Commission
Mathisen Tree Farms
North Carolina Cotton Producers Association
South Carolina Cotton Board
State of Mississippi Department of Agriculture
The Ohio State University

I - K-State Research and Extension Lebanon Turf Products
National Cattleman and Beef Association
Texas and Southwestern Cattle Raisers Association
North Dakota State University Extension Service
National Grain Sorghum Producers
- Nebraska Grain Sorghum Board
- Texas Grain Sorghum Association
- Texas Grain Sorghum Producers
- Kansas Grain Sorghum Producers Association
-Oklahoma Grain Sorghum Producers
-Oklahoma Wheat Growers Association
-New Mexico Grain Sorghum Association
The Scotts Company
TruGreen ChemLawn
USDA

Extension University of California Cooperative Extension University of Georgia Cooperative Extension Service	Washington State University Research and Extension Center
B - American Nursery & Landscape Association	J - National Peach Council
C - California Citrus Mutual	K - National Potato Council
D - California Strawberry Commission	L - North Dakota State University
E - California Tomato Research Institute	M - North Dakota Commissioner of Agriculture
F - Cranberry Institute	N - Northwest Horticultural Council
G - Florida Fruit and Vegetable Association	O - State of Hawaii
H - Kansas Department of Agriculture	P - U.S. Apple Association
	Q - U.S. Canola Association
	R - U.S. Hops Industry
	S - Washington Hop Commission
	T - Washington State Department of Agriculture
	U - Washington Tree Fruit Research Commission Calif. Pear Advisory Board Florida Dept. of Citrus FL Citrus Packers Sunkist Winter Pear Control Committee
	V - International Banana Association