



May 13, 2013

VIA COURIER DELIVERY

Ms. Nicole Williams
Registration Division
U.S. Environmental Protection Agency
Document Processing Desk (OTHER)
Office of Pesticide Programs (7505P)
Room S4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202

☎ 703-308-5551
williams.nicole@epa.gov

**SUBJECT: PRIA M007: Request for Exclusive Use Status for Studies - Dinotefuran
On Minor Crops Per FIFRA § 3(c)(1)(F)(ii)
Dinotefuran (CAS No. 165252-70-0); EPA Chemical Number 044312**

Dear Ms. Williams:

MITSUI CHEMICALS AGRO, INC. (EPA Company No. 86203) would like to respectfully request an extension of the exclusive use period for the data supporting the registration of dinotefuran on minor crops per FIFRA § 3(c)(1)(F)(ii). For each three minor uses registered within the approved timeframe, the exclusive use period may be extended for one year. At this time, MITSUI CHEMICALS AGRO, INC. has sufficient minor use registrations as defined by the statute to qualify for an additional three years of exclusive use data protection.

Criteria Used to Determine the Number of Minor Use Registrations for Dinotefuran

In order to be considered for extension, the minor use must meet one of the four criteria listed:

- (I) “there are insufficient efficacious alternative registered pesticides available for the use;
- (II) the alternatives to the minor use pesticide pose greater risks to the environment or human health;
- (III) the minor use pesticide plays or will play a significant part in managing pest resistance; or
- (IV) the minor use pesticide plays or will play a significant part in an integrated pest management program.”

Dinotefuran Minor Uses Eligible for Petition to Extend Exclusive Use Period

Even though IR-4 was the submitter and owner of some of the data for the dinotefuran minor uses, MCAG is the registrant for all of the uses. Many of the uses below have been granted reduced risk status; therefore fulfill criteria II (the alternatives to the minor use pesticide pose greater risks to the environment or human health).

The broad spectrum of activity of dinotefuran presents opportunities for inclusion of dinotefuran in integrated pest management programs for a wide variety of crops in the control of a wide variety of insects. Dinotefuran differs in chemical class and mode of action than the alternative products. These characteristics make dinotefuran a very desirable component for designing new IPM programs and improving existing ones. Through the development of such new and improved IPM programs, the useful life of many currently registered compounds will be extended. This fulfills criteria III and IV ((III) the minor use pesticide plays or will play a significant part in managing pest resistance; or (IV) the minor use pesticide plays or will play a significant part in an integrated pest management program.”)

Table 1. Dinotefuran Crop Registrations and Minor Use Determination for Extension of Exclusive Use Data Protection

Crop or Crop Group	Commodity	Acres ^a	Registration Date	Reduced Risk	Data MCAG/ IR-4	MRID
Vegetables, Leafy, group 4	Lettuce, head	240*	17 Sep 2004 ^b /23 Mar 2005	Yes, 17 Sep 2004	MCAG	45639820
	Lettuce, leaf	51*				45639819
	Spinach	36*				45891612
	Celery	36*				45891611
						45891606
Full Crop Group Listing: Amaranth (Chinese spinach); arugula (roquette); cardoon; celery; celery, Chinese; celtuce; chervil; chrysanthemum, edible-leaved; chrysanthemum, garland; corn salad; cress, garden; cress, upland; dandelion; dock (sorrel); endive (escarole); fennel, Florence; lettuce, head and leaf; orach; parsley; purslane, garden; purslane, winter; radicchio (red chicory); rhubarb; spinach; spinach, New Zealand; spinach, vine; Swiss chard						
Vegetable, cucurbit, group 9	Cantaloupe	130*	23 Mar 2005	Yes 23 Mar 2005	MCAG	45891602
	Watermelon	193*				
	Melon, honeydew	29*				
	Muskmelon	159*				
	Summer squash	29*				
	Cucumber	130*				
	Pumpkin	41*				
	Winter squash	29*				

Crop or Crop Group	Commodity	Acres ^a	Registration Date	Reduced Risk	Data MCAG/ IR-4	MRID
	Full Crop Group Listing: Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber; gherkin; gourd, edible (includes hyotan, cucuzza, hechima, Chinese okra); Momordica spp (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); muskmelon (includes cantaloupe); pumpkin; squash, summer; squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelon					
Vegetable, Fruiting, group 8	Pepper, bell	70.60*	23 Mar 2005	Yes 23 Mar 2005	MCAG	45891608
	Pepper, non-bell	27.70*				47814401
	Eggplant	5.30*				45891601
	Tomatoes	455				
	Full Crop Group Listing: Eggplant; groundcherry (Physalis spp); pepino; pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper); tomatillo; tomato					
Potato	Potato	1310*	23 Mar 2005	Yes 23 Mar 2005	MCAG	45891609 45891618 45891605
Grape	Grape	833*	23 Mar 2005	Yes 23 Mar 2005	MCAG	45891619 45891607 45891604
Cotton	Cotton	11000*	23 Mar 2005	Yes 23 Mar 2005	MCAG	45654202 45639821
Vegetables, leafy, brassica, Group 5	Broccoli	115*	23 Mar 2005	Yes 23 Mar 2005	MCAG	45891603
	Cauliflower	65*				
	Cabbage	98.7*				
	Mustard Greens	9.70*	18 Dec 2008	Yes 23 Dec 2009	IR-4	47545401
	Turnip Greens	..*				
	Full Crop Group Listing: Broccoli; broccoli, Chinese (gai lon); broccoli raab (rapini); Brussels sprouts; cabbage; cabbage, Chinese (bok choy); cabbage, Chinese (napa); cabbage, Chinese mustard(gai choy); cauliflower; cavalo broccolo; collards; kale; kohlrabi; mizuna; mustard greens; mustard spinach; rape greens					
Fruit, small, vine climbing, except fuzzy kiwifruit, subgroup 13-07F	Gooseberry	0.0*	12 Sep 2012	Not Pursued	IR-4	NA
	kiwifruit	1.2*				
	Full Crop Group Listing: Bearberry; bilberry; blueberry, lowbush; cloudberry; cranberry; lingonberry; muntries; partridgeberry; cultivars, varieties, and/or hybrids of these					
Vegetable, tuberous and corm, subgroup 1C	Artichoke, Jerusalem	0.0*	12 Sep 2012	Not Pursued	IR-4	NA
	Cassava, Bitter And Sweet	0.5*				
	Ginger	0.3*				
	Dasheen (Taro)	1.7*				
	Sweet Potato	90.5*				
	Yam, True	3.5*				
	Full Crop Group Listing: Arracacha; arrowroot; artichoke, Chinese; artichoke, Jerusalem; canna, edible; cassava, bitter and sweet; chayote (root); chufa; dasheen (taro); ginger; leren; potato; sweet potato; taniel; turmeric; yam bean; yam, true					

Crop or Crop Group	Commodity	Acres ^a	Registration Date	Reduced Risk	Data MCAG/ IR-4	MRID
Onion, bulb, subgroup 3-07A	Onion, dry bulb	246*	12 Sep 2012	Not Pursued	IR-4	48460103
	Full Crop Group Listing: Daylily, bulb; fritillaria, bulb; garlic, bulb; garlic, great-headed, bulb; garlic, serpent, bulb; lily, bulb; onion, bulb; onion, Chinese, bulb; onion, pearl; onion, potato, bulb; shallot, bulb; cultivars, varieties, and/or hybrids of these					
Onion, green, subgroup 3-07B	Onion, green	18.10*	12 Sep 2012	Not Pursued	IR-4	48460102
	Full Crop Group Listing: chive, fresh leaves; chive, Chinese, fresh leaves; elegans hosta; fritillaria, leaves; kurrat; lady's leek; leek; leek, wild; onion, Beltsville bunching; onion, fresh; onion, green; onion, macrostem; onion, tree, tops; onion, Welsh, tops; shallot, fresh leaves; cultivars, varieties, and/or hybrids of these					
Watercress	Watercress	0.46*	12 Sep 2012	Not Pursued	IR-4	48460104
Berry, low growing, except strawberry, subgroup 13-07H	Cranberry	27*	12 Sep 2012	Not Pursued	IR-4	48460101
	Full Crop Group Listing: Bearberry; bilberry; blueberry, lowbush; cloudberry; cranberry; lingonberry; muntries; partridgeberry; cultivars, varieties, and/or hybrids of these					
Peach	Peach	273*	12 Sep 2012	Not Pursued	IR-4	48460105
Tea	Tea	NA	12 Sep 2012	Not Pursued	MCAG	48536301
Public Health Pest	NA	NA	2 Jul 2008	22 Nov 2004	MCAG	45891402
						45891403
						46254102
						46254105
						46254201

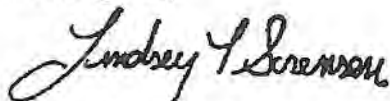
^a Based on Residue Chemistry Test Guideline OPPTS 860.1500 Crop field trials

* < 300,000 acres.

^b Original Registration Date – September 17, 2004

Thank you for your consideration of our three-year exclusive use extension request for dinotefuran. Please let us know if there are any questions during the review.

Best regards,



Lindsey M. Sorensen
 Regulatory Agent for
 Mitsui Chemicals Agro, Inc.
 229-548-2807 (Direct)
 229-247-6472 (Valdosta Office)
lsorensen@landisintl.com

Enclosure: PRIA Payment Receipt