

## Office of Pesticide Programs

### **Registration Division Work Plan for the Registration of Conventional Pesticide**

#### FY2002 New Chemical Registration Candidates

The Registration Division's FY2002 Work Plan identifies 16 new chemical candidates and 3 imports for decision-making during the fiscal year. Seven (7) of these chemicals are for reduced-risk chemicals, and three potential alternative for organophosphate. From these 16 candidates, the Agency anticipates making 12 registration decisions.

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.

Quarter	Chemical	Trade Name	Pesticide Type	Uses	Registrant	Comments
1 <sup>st</sup> Quarter	Cyhalofop butyl	Clincher	Herbicide	Rice	Dow Agro	<b>Reduced Risk</b> Grower Interest <sup>B</sup>
1 <sup>st</sup> Quarter	Pyraclostrobin		Fungicide	Citrus, Cucurbit Vegetable group, Grape, Peanut, Potato, Small Grains, Sugar Beet, Tomato, Turf, Banana, Berries Group, Bulb Vegetable Group, Fruiting Vegetable Group, Pistachio, Tree Nuts, Root Vegetable Group, Stone Fruit, Strawberry	BASF	<b>Reduced</b> <b>Risk,</b> Grower Interest <sup>H</sup>
2 <sup>nd</sup> Quarter	Iprovalicarb		Fungicide	Grapes (import)	Bayer	Work share with Canada
2 <sup>nd</sup> Quarter	Triticonazole	1	Fungicide	Turf, Wheat(seed),Barley (seed)	Aventis	Reduced Risk (TURF)

#### **New Chemical Registration Candidates**

2 <sup>nd</sup> Quarter	Bromuconazole		Fungicide	Turf, Roses, Bananas (import)	Aventis	
2 <sup>nd</sup> Quarter	Acetamiprid		Insecticide	Mustard (seed), Canola, Fruiting Vegetables, Ornamentals, Cotton, Pome Fruit, Citrus, Grapes, Brassica Leafy Vegetables	Aventis	Registered 03/15/02; Tolerance Published 03/27/02, includes all uses except seed treatment; Reduced Risk/OP Alternative (home use is currently not included)Grower Interest <sup>J</sup>
2 <sup>nd</sup> Quarter	Macalayea Extract	Qwel	Fungicide	Greenhouse Ornamentals	Camas	Reduced Risk
2nd Quarter	Foramsulfuron	Tribute	Herbicide	Corn	Aventis	Registered 03/27/02; Tolerance Published 03/29/02 To be shared with Germany and Canada.
2nd Quarter	Iodosulfuron- methyl Sodium	Tribute	Herbicide	Corn	Aventis	To be shared with Germany and Canada
2 <sup>nd</sup> Quarter	Tebufenpyrad		Insecticide	Greenhouse Ornamentals	BASF	
3 <sup>rd</sup> Quarter	Epoxiconazole		Fungicide	Banana(import), Coffee(import)	BASF	
3 <sup>rd</sup> Quarter	Etoxazole		Insecticide	Greenhouse Ornamentals	Valent	

3rd Quarter	Milbemectin		Insecticide	Pome Fruit, Strawberry, Citrus, Ornamentals	Sankyo Co.	Reduced Risk/OP Alternative: (strawberries, apples, pears), Grower Interest <sup>J</sup>
3 <sup>rd</sup> Quarter	Tetraconazole	Eminent	Fungicide	Turf, Sugar Beets, Peanuts, Bananas, Plantains (import)	Sipcam	FY2000&2001 Carryover,Grower Interest <sup>I</sup>
4 <sup>th</sup> Quarter	Tolylfluanid		Fungicide	Apple (import), Grape (import), Hops (import), Tomato (import)	Bayer	Work share w/Canada
4 <sup>th</sup> Quarter	Azafenidin		Herbicide	Citrus, Grapes, Sugarcane, Woody Crops, Ornamental Trees, Industrial Vegetation Management	DuPont	Grower Interest A,D
4 <sup>th</sup> Quarter	Methyl Iodide		Fungicide		, 	Methyl Bromide Alternative
4 <sup>th</sup> Quarter	Pyraflufen-ethyl		Herbicide	Cotton, Potato, Non- food uses	Nihon	Possible OP Alternative
4 <sup>th</sup> Quarter	Fenamidone		Fungicide	Lettuce, Grapes, Potato, Tomato, Tobacco	Aventis	Reduced Risk, Possible Joint Review, (grape, potato, tomato), (tobacco data never submitted)

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<u>Holloman.Rachel@epa.gov</u>, Chief of the Registration Support Branch.)

- A- California Citrus Mutual
- B- California Rice Commission
- C- California Strawberries (Jan Sharp)
- D- Florida Fruit and Vegetable Association
- E- Kansas Department of Agriculture
- F- National Barley Growers Association M-International Banana Association
- G- National Potato Council
- H- National Association of Wheat Growers
- I- North Dakota Commissioner of Agriculture
- J-Northwest Horticultural Council/U.S. Apple Association
- K-U.S. Canola Association

### L-U.S. Hops Industry M- International Banana Association



# Office of Pesticide Programs

#### **Registration Division Work Plan for the Registration of Conventional Pesticide**

#### FY2002 Food-Use Inert Registration Candidates

The Registration Division's FY2002 Work Plan identifies 12 inert (other) ingredients for decision-making during the fiscal year. Seven of these chemicals are carry-overs that could not be completed in FY2001. With the exception of the four (4) safeners, completion of these inert (other) ingredient actions will require sign-off of the inert data requirements that are currently in draft.

Quarter	Chemical	Uses	Comments
1 <sup>st</sup> Quarter	Butylene/Propylene Carbonates	Inert <sup>1</sup>	Carry over
1 <sup>st</sup> Quarter	Dimethyl ether	Inert <sup>1</sup>	Carry over
1 <sup>st</sup> Quarter	Furilazole(MON 13900)	Safener <sup>2</sup>	Carry over
1 <sup>st</sup> Quarter	Mefenpyr-diethyl (HOE 107892)	Safener <sup>2</sup>	
1 <sup>st</sup> Quarter	MON 4660	Safener <sup>2</sup>	Carry over
2 <sup>nd</sup> Quarter	Blankophor BBH	Inert <sup>1</sup>	
2 <sup>nd</sup> Quarter	Geronol	Inert <sup>1</sup>	Carry over
2 <sup>nd</sup> Quarter	Isoxadifen-ethyl	Safener <sup>2</sup>	Workshare w/ Germany and the EU (Project Cornelia), (corn)
2 <sup>nd</sup> Quarter	Ethyl lactate/ Butyl lactate	Inert <sup>1</sup>	
3 <sup>rd</sup> Quarter	Agsolex 8 & 12	Inert <sup>1</sup>	Carry over
3 <sup>rd</sup> Quarter	Triethyl citrate	Inert <sup>1</sup>	
3 <sup>rd</sup> Quarter	Acetyl tributyl citrate	Inert <sup>1</sup>	
3 <sup>rd</sup> Quarter	Octanol	Inert <sup>1</sup>	
3 <sup>rd</sup> Quarter	Bronopol	Inert <sup>1</sup>	Carry over
4 <sup>th</sup> Quarter	Ethyl maltol	Inert <sup>1</sup>	
4 <sup>th</sup> Quarter	Ethyl Methyl Phenyl Glycidate	Inert <sup>1</sup>	

#### **Inert Registration Candidates**

#### The table below are chemicals which are not on the FY2002 Work Plan but are important enough to track prior to their proposed due dates.

Chemical	Uses	Comments
Sodium Thiosulfate	Inert	Tolerance ExemptionsPublished 12/21/2001
Rhodamine	Inert	Tolerance ExemptionsPublished 12/27/2001

<sup>1</sup> 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.



## **Office of Pesticide Programs**

#### **Registration Division Work Plan for the Registration of Conventional Pesticide**

#### FY2002 New Use Candidates for Already-Registered Chemicals

#### Work Plan Home

Food-Use Inert Registration Candidates

New Chemical Registration Candidates The listing below identifies approximately 378 potential new uses for 50 already-registered chemicals. Many of these new uses are for compounds currently classified as "reduced-risk pesticides". 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 <u>97-2</u> and <u>98-7</u>.

From these new use candidates, the Agency anticipates issuing 230 new use decisions. 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.

Quarter	Chemical	Trade Name	Pesticide Type	Uses	Registrant	Comments
1 <sup>st</sup> Quarter	Bifenazate	Acramite, Floramite	Insecticide	Apple, Apricot, Cotton, Grape, Hops, Nectarine, Peach, Pear, Plum, Prunes, Strawberry	Uniroyal	Tolerance Published 02/01/2002 <b>Reduced Risk</b> <b>OP Alternative,</b> 2001 Carryover, Grower Interest <sup>J</sup>

#### New Use Registration Candidates

1 <sup>st</sup> Quarter	Carboxin	ProGro, Vitavox	Fungicide	Canola (seed), Onion (seed)	Gustafson; Uniroyal	2001 Carryover,Grower Interest <sup>K</sup>
1 <sup>st</sup> Quarter	Cryolite	Bait	Insecticide	Mint	IR-4	
1 <sup>st</sup> Quarter	Dicamba	Banvel	Herbicide	Grass forage, fodder, hay ; Corn (pop and sweet)	IR-4	Reduced Risk, 2001 Carryover
1 <sup>st</sup> Quarter	Diflufenzopyr	Distinct	Herbicide	Grass forage, fodder, hay ; Corn (pop and sweet)	IR-4	Reduced Risk, 2001 Carryover
1 <sup>st</sup> Quarter	Halosulfuron- methyl		Herbicide	<b>Cantaloup</b> , Fruiting Vegetables	Gowan/IR- 4	Tolerance Published for Melon 12/27/2001 <b>Methyl Bromide</b> Alternative; 2001 Carryover
1 <sup>st</sup> Quarter	Imazamox	Raptor	Herbicide	Alfalfa, Canola, Legume Vegetables, Soybean (pre- plant),Wheat	Cyanamid	Tolerance Published 12/27/2001 <b>Reduced Risk</b> , 2001 Carryover,Grower Interest <sup>H,I,J</sup>
1 <sup>st</sup> Quarter	Metsulfuron- methyl	Ally	Herbicide	Sorghum	DuPont	USDA Vulnerable Crop, 2001 Carryover,Grower Interest <sup>E</sup>
1 <sup>st</sup> Quarter	Pymetrozine	Fulfill	Insecticide	Brassica Leafy Vegetables, Cotton, Hops, Leafy Vegetables (except Brassica),Pecans	Syngenta	Tolerance Published 12/27/2001 <b>Reduced Risk,</b> <b>OP Alternative,</b> 2001 Carryover (hops),Grower Interest <sup>D,L</sup>
1 <sup>st</sup> Quarter	Triclopyr	Garlon	Herbicide	AquaticSites	SePRO	2001 Carryover

1 <sup>st</sup> Quarter	1,3- dichloropropene	Curfew; Telone	Fungicide	Turf (labelamendment)	Dow Agro	Methyl Bromide Alternative,OP Alternative,2001 Carrover (turf)
1 <sup>st</sup> Quarter	Triflusulfuron- methyl	Upbeet	Herbicide	<b>Chicory</b> , Sugarbeet	DuPont/IR- 4	Workshare with CA, 2001 Carryover
1 <sup>st</sup> Quarter	zeta- Cypermethrin	Fury	Insecticide	Wheat	FMC	Tolerance Published 02/12/2002

Quarter	Chemical	Trade Name	Pesticide Type	Uses	Registrant	Comments
2 <sup>nd</sup> Quarter	Azoxystrobin	Abound;Quadris	Fungicide	Caneberry, Cranberry, Hops, Legume Vegetables, <b>Pistachio,</b> Sunflower	Syngenta/IR- 4	Reduced Risk
2 <sup>nd</sup> Quarter	Chlorfenapyr	Alert	Insecticide	Fruiting Vegetables (GH), Non- foodresidential	BASF	<b>OP Alternative,</b> Grower Interest D Termiticide Registered 12/21/01
2 <sup>nd</sup> Quarter	Clethodim	Select	Herbicide	Collard, Beans (dry), Kale, Mint, Mustard (greens), Peanut, Spinach	Valent/IR-4	
2 <sup>nd</sup> Quarter	Clopyralid	Stinger	Herbicide	Beet (garden), Canola, Corn (pop and sweet), Crambe, Cranberry, Flax, Head & Stem Brassica Vegetables, Hops, Mustard Greens, Spinach, Stone Fruit, Strawberry, Turnip	Dow Agro/IR-4	2001 Carryover (Corn (sweet), Flax, Head & Stem Brassica, Hops, Strawberry) Grower Interest I,K,L

2 <sup>nd</sup> Quarter	Cyfluthrin	Baythroid	Insecticide	Brassica Head and Stem Vegetables, <b>Garbanzo Beans</b> , Head Lettuce, Mustard Greens, <b>Pea (dry and</b> <b>southern)</b> , Soybean, Stored Grain	Bayer/IR-4	2001 Carryover
2 <sup>nd</sup> Quarter	Cymoxanil	Curzate	Fungicide	Hops	IR-4	2001 CarryoverGrower Interest <sup>L</sup>
2 <sup>nd</sup> Quarter	Diflubenzuron	Dimilin	Insecticide	Grass Forage, Fodder, and Hay Group; Pear, Peppers, Pistachios, Stone Fruit (except cherries), TreeNuts	IR-4	Pear Tolerances Published 02/15/02 2001 Carryover (pear), Grower Interest <sup>J</sup>
2 <sup>nd</sup> Quarter	Emamectin Benzoate		Insecticide	Cotton, Fruiting Vegetables, Leafy Vegetables (except Brassica),Tobacco	Syngenta	OP Alternative, 2001 Carryover,Grower Interest <sup>D</sup>
2 <sup>nd</sup> Quarter	Fludioxonil	Switch	Fungicide	Caneberry, Pistachio, Stone Fruit,Watercress	IR-4	Workshare with CA, 2001 Carryover (stone fruit), <b>Reduced</b> <b>Risk</b>
2 <sup>nd</sup> Quarter	Fenhexamid	Elevate	Fungicide	Blueberry, Caneberry (raspberry), Kiwi, Pistachio	IR-4	NAFTA Joint Review w/PRMA- Minor Use Pilot (blueberry)

2 <sup>nd</sup> Quarter	Fosetyl-Al	Aliette	Fungicide	Blueberry, Citrus, Leek, Lingonberry, Onion (green), Pea (succulent), Turnip	IR-4	
2 <sup>nd</sup> Quarter	Glyphosate	ZPP 1560;Roundup Ultra	Herbicide	Aquatic Sites, Beans (dry), Forest, Grass (Forage, Fodder, and Hay group), Lentils, Pea, Right of Way, Wheat(spring)	Monsanto, Syngenta	Reduced Risk
2 <sup>nd</sup> Quarter	Imazethapyr	Pursuit	Herbicide	Canola (import), Clover, Rice	BASF	Reduced Risk (rice)
2 <sup>nd</sup> Quarter	Indoxacarb	Avant; Steward	Insecticide	Alfalfa, Lettuce, Peanuts, Potato,Soybean	DuPont	Reduced Risk,OP Alternative
2 <sup>nd</sup> Quarter	Lambda- cyhalothrin	Warrior;Impasse	Insecticide	Avocado (import), Bean (dry and succulent), Canola, Cereal Grains (except rice/wild rice), Fruiting Vegetables, Non- cropland (conifer and deciduous trees), Peanut Hay, Pea (dry and succulent), Pome Fruit, Sorghum (forage, fodder), Stone Fruit, Sugarcane, Termite barrier, Tobacco, Tree Nuts, Trees	Syngenta	Reduced Risk (sugarcane, termite barrier),OP Alternative (sugarcane), 2001 Carryover,Grower Interest E,I,K

2 <sup>nd</sup> Quarter	Methoxyfenozide		Insecticide	Artichoke, Brassica Leafy Vegetables, Corn (field and sweet), Fruiting Vegetables, Grape, Leafy Vegetables (except Brassica), Lychee, Rotational Crops, Stone Fruit, TreeNuts	Rohm & Haas, IR-4	Reduce Risk,OP Alternative, 2001 Carryover
2 <sup>nd</sup> Quarter	Sulfluryl fluoride	Vikane	Insecticide	Dried Fruit, Stored Grains, TreeNuts	Dow Agro	Methyl Bromide Alternative, 2001 Carryover (dried fruit, tree nuts)
2 <sup>nd</sup> Quarter	Trifloxystrobin	Flint	Fungicide	Barley, Citrus, Corn (field, pop), Pecans, Rice, Stone Fruit	Bayer	Reduced Risk, 2001 Carryover,Grower Interest <sup>D,F</sup>
2 <sup>nd</sup> Quarter	Triflumizole	Procure	Fungicide	Cherry, Cucurbit Vegetables, Outdoor Ornamentals, Strawberry	Uniroyal	2001 Carryover (cherries, cucurbit veg.)

Quarter	Chemical	Trade Name	Pesticide Type	Uses	Registrant	Comments
3 <sup>rd</sup> Quarter	Clomazone	Command	Herbicide	Mint	IR-4	
3 <sup>rd</sup> Quarter	Cyprodinil	Switch	Fungicide	Caneberry, Pistachio, Watercress	IR-4	Reduced Risk
3 <sup>rd</sup> Quarter	Cyromazine	Trigard	Insecticide	Bean (dry), Pea (southern)	IR-4	Workshare with CA; potential ARIA (both uses)

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3 <sup>rd</sup> Quarter	Dimethomorph	Acrobat	Fungicide	Cantaloup, Cucumber, Hops, Lettuce (head & leaf), Onion (dry bulb & green), Pepper (bell & non- bell), Squash	IR-4	Workshare with CA; potential ARIA (all uses)Grower Interest <sup>L</sup>
3 <sup>rd</sup> Quarter	Glufosinate- Ammonium	Liberty	Herbicide	<b>Blueberry</b> , Cotton,Rice	Aventis/IR- 4	Reduced Risk (rice)
3 <sup>rd</sup> Quarter	Halosulfuron- methyl*	Permit; Sandea	Herbicide	Bean (dry & snap)	IR-4	
3 <sup>rd</sup> Quarter	Hexythiazox	Savey	Insecticide	Date	IR-4	Workshare with CA; potential ARIA
3rd Quarter	Mefenoxam	Ridomil Gold	Fungicide	Brassica Leafy Vegetables	IR-4	
3 <sup>rd</sup> Quarter	Pyridaben	Pyramite	Insecticide	Hops, Strawberry, Tomato <sup>G,H</sup>	IR-4	Workshare with CA; potential ARIA,Grower Interest <sup>L</sup>
3 <sup>rd</sup> Quarter	Pyriproxyfen	Knack; NylarEsteem	Insecticide	<b>Blueberry</b> , <b>Guava,</b> <b>Lychee</b> , StoneFruit	MGK/ Valent,IR- 4	<b>Reduced Risk,OP</b> <b>Alternative,</b> Grower Interest <sup>J</sup>
3 <sup>rd</sup> Quarter	Sethoxydim	Poast	Herbicide	Corn (sweet), Herbs (fresh), <b>Pistachio</b> , <b>Safflower</b> , Tobacco, <b>Tropical</b> <b>Fruits</b>	BASF/IR-4	2001 Carryover (pistachio, safflower)

Quarter	Chemical	Trade Name	Pesticide Type	Uses	Registrant	Comments
4 <sup>th</sup> Quarter	Bifenthrin	Capture	Insecticide	Bananas (import), Citrus, Crack and Crevice, <b>Herbs</b> G,H, Leaf Petiole, Pear, Pecan, Spinach, Starfruit, Tomato ,Walnut	FMC/IR-4, Boehringer, Whitmire	
4 <sup>th</sup> Quarter	Dazomet		Fungicide	Strawberry,Tomato	BASF	Methyl Bromide Alternative, 2001 Carryover
4 <sup>th</sup> Quarter	Deltamethrin	Decis	Insecticide	Brassica Leafy Vegetables, Bulb Vegetables, Bulb Vegetables, Canola, Corn (field), Cucurbit Vegetables, Fruiting Vegetables, Leafy Vegetables, Leafy Vegetables, Leafy Vegetables (except Brassica), <b>Lychee</b> , Pome Fruit, Root & Tuber Vegetables, Sorghum, Soybean, Starfruit, Stone Fruit, Stored Grain, Sunflower, Termites, Tree Nuts, Wood Preservative, Wheat	Aventis/IR- 4	OP Alternative, Grower Interest K
4 <sup>th</sup> Quarter	Imazapyr	Arsenal	Herbicide	Aquatic Sites,Rangeland	BASF	

4 <sup>th</sup> Quarter	Imidacloprid	Admire; Provado	Insecticide	Artichoke, Bean (dry), Beet (garden), Bushberry, Carrot, Cherry, Cranberry, Cucumber, Mamey Sapote, Okra, Passion Fruit, Pea, Pea (southern), Peach, Plum, Strawberry, Tomato, Turnip (roots), Watercress	IR-4	2001 Carryover (Artichoke, Blueberry, Carrot, Cranberry, Cucumber, Tomato, Watercress); Workshare with CA; potential ARIA (strawberry, beet uses) Grower Interest <sup>C,J</sup>
4 <sup>th</sup> Quarter	Pendimethalin	Prowl, Squadron	Herbicide	Carrot, Citrus, Fruiting Vegetables, Mint, Pistachio , Tree Nuts	IR-4	2001 Carryover, Grower Interest <sup>A</sup>
4 <sup>th</sup> Quarter	Spinosad	Spintor	Insecticide	Basil, Caneberry, Cattle (Pour On), Dill, Fig, Grape, Pea (dry), Peanut , Radish	IR-4	Reduced Risk , OP Alternative
4 <sup>th</sup> Quarter	Sulfentrazone	Authority	Herbicide	Cabbage, Horseradish, Mint , Sunflower	IR-4	Grower Interest <sup>E,I</sup>

# The table below are chemicals which are not on the FY2002 Work Plan but are important enough to track prior to their proposed due dates.

Chemical	Trade Name	Pesticide Type	Uses	Registrant	Comments
Imazapic		Herbicide	Grass (forage and hay)	Cyanamid	Tolerance Published 12/26/2001
Ethalfluralin	Sonalan/Edge	Herbicide	Canola (seed), Safflower (seed)	IR-4	Tolerance Published 01/17/02

Bentazon	He	erbicide	Clover	IR-4	Tolerance
					Published
					02/07/2002

\* Chemical that is repeated in the table

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