

## Minor Use Initiative

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### MINOR USE INITIATIVE - AAFC

#### 2004 MU Priority Setting Meeting - Ottawa

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### What is a Minor Use Pesticide? How is it registered?

#### ☞ Minor Use Pesticide

- ☑ fungicide, insecticide, herbicide
- ☑ used on crops grown on small acreages (ie) fruit, vegetables, herbs, specialty field crops as compared to large acreage crops (ie) wheat, canola.
- OR
- ☑ pesticide used to control occasional pest problems in larger acreage crops
- ☑ pesticides are used in small quantities
- ☑ sales potential too low for manufacturers to apply for full registration
- ☑ registration initiated by a grower group with support from chemical company
- ☑ User Requested Minor Use Label Expansion (URMULE)

### Background

- ☞ 2002 Ministers of Health Canada and Agriculture and Agri-Food Canada announced initiatives to support reduced risk and minor use pesticides.
- ☞ \$7.3M new funding announced May and additional \$54.5M over 6 years in June 2002.
- ☞ Funding initiative meant to address problems in the minor use system including:
  - ☑ slow access to pesticides,
  - ☑ loss of uses due to re-evaluation,
  - ☑ competitiveness concerns for Canadian producers
  - ☑ high cost of data generation for grower groups - residue testing
- ☞ Goal - have a new Minor Use Pesticide (MU) research program to generate registration data.

### Roles of AAFC and PMRA

#### Agriculture and Agri-Food Canada (AAFC)

- ☞ create a similar program to U.S. IR-4
- ☞ generate residue data Good Laboratory Practice (GLP) compliant and efficacy data etal. for priority MU projects identified at annual meeting
- ☞ upgrade field sites to comply with GLP standards
- ☞ appoint 3 study directors to organize priority projects

#### Health Canada, Pest Management Regulatory Agency (PMRA)

- ☞ increase capacity to review MU submissions (AAFC and Grower Group submissions)
- ☞ have MU Advisor work with grower groups, provincial coordinators and AAFC to establish MU priorities
- ☞ implement a joint review program with U.S. maximizing use of IR-4 data

### Results of 2004 Minor Use Priority Setting Meeting

#### Participants

- ☞ Provincial Minor Use Coordinators (PMUCs)
- ☞ National and Provincial Grower/ Commodity groups
- ☞ Pesticide Industry
- ☞ Agricultural Researchers/Scientists

#### Aim

- ☞ Start with the 2004 National Priority List (several 100 projects)
- ☞ select 30 top priority projects, 10 weed , 10 insect, 10 disease
- ☞ priority given to projects of national interest
- ☞ select an additional 5 regional projects (OT, BC, PQ, Maritimes, Prairies)
- ☞ 8 selected projects were on the Manitoba Priority List

### Results of 2004 MU Priority Setting Meeting - Entomology

#### Entomology -

Crop Group	Crop	Pest	National rank	Product	Active Ingredient	Registrant
1	Crop gr 1B	Cabbage maggot, swede midge	A	Rimon	novaluron	Makhteshim
1	potato	wireworm	A	Clutch	clothianidin	Arvesta
4	Crop gr 4	leafminer	A	Rimon	novaluron	Makhteshim
5	Crop gr 5A	Cabbage maggot	A	Rimon	novaluron	Makhteshim
8	GH vlegs	Cabbage looper, thrips	A	Success	spinosad	Dow
12	Crop gr 12	Oriental fruit moth, cherry fruit fly	A	Assail	acetamiprid	Dupont
13	blueberry	Blueberry maggot	A	Assail	acetamiprid	Dupont
NC	grape	GBM	A	Intrepid	methoxyfenozide	Dow
NC	Nursary stock	White grubs	A	Admire	imidacloprid	Bayer
NC	Strawberry	Grubs + insects	A	Admire	imidacloprid	Bayer

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### Results of 2004 MU Priority Setting Meeting - Weeds

**Weeds -**

Crop Group	Crop	Pest	National rank	Product	Active ingredient	Registrant
1	Potato	weeds	A		flumioxazin	Valent
3	Crop gr 3	weeds	A		flumioxazin	Valent
4	Crop gr 4	weeds	A	Everest	flucarbazone-sodium	Arvesta
6	chickpeas	weeds	A		sulfentazone	Dupont
8	peppers	weeds	A	Command	clomazone	FMC/UAP
9	Crop gr 9	weeds	A	Command	clomazone	FMC/UAP
15	buckwheat	weeds	A	Balance	isoxaflutole	Bayer
17	Crop gr 17	weeds	A	Spectrum	mcpa/clopyralid/florasulam	Dow
NC	Strawberry	weeds	A		sulfentrazone	FMC
NC	GH Flowers Nursery stock	weeds	A	Gallery	isoxaben	Dow

### Results of 2004 MU Priority Setting Meeting - Pathology

**Pathology -**

Crop Group	Crop	Pest	National rank	Product	Active ingredient	Registrant
4	Crop gr 4	sclerotinia	A	Bas 510		BASF
4	GH vegs	Botrytis, p. mildew	A	Bas 516		BASF
4	GH vegs	Pythium, fusarium	A	Switch	Cyprodinil + fludioxonil	Syngenta
4	parsley	Leaf blight	A	Quadris	azoxystrobin	syngenta
5	Crop gr 5	Alternaria, downy mildew, botrytis	A	Switch	Cyprodinil + fludioxonil	Syngenta
6	Crop gr 6	Rust	A	Topas	propiconazole	Engage Agr
9	Crop gr 9	phytophthora	A	Acrobat	dimethemorph	BASF
18	Alfalfa seed	Botrytis, sclerotinia	A	Bas 510		BASF
NC	Asparagus	rust	A	Follicur	tebuconazole	Bayer
NC	turf	Pythium root rot	A	Subdue Maxx	Metalaxyl-m	Syngenta

### Results of 2004 MU Priority Setting Meeting - Regional Upgrades

**Regional Upgrades -**

Crop Group	Crop	Pest	region	Product	Active ingredient	Registrant
1	potato	European corn borer, TPB, CPB	Maritimes	Avaunt	indoxacarb	Dupont
8	eggplant	mites	PQ	Floramite	bifenazate	Crompton
13	Crop gr 13 strawberry	Lepidoptera, fruit fly, thrips, blueberry maggot, saskatoon budmoth	BC	Success	spinosad	Dow
19	Crop gr 19, (Culinary herbs)	weeds	OT	Sencor	metribuzin	Bayer
20	Crop gr 20 (Sunflower)	Sclerotinia head blight	Prairies	Bas 510		BASF

### What does this mean for Manitoba grower groups?

Previous to AAFC Initiative

- ⌘ grower groups funded research toward MU projects
- ⌘ also provided applications to PMRA
- ⌘ applied for MUPFI funding (limited to few projects/yr)

New Initiative - AAFC will:

- ⌘ fully fund all projects selected from National List (residue, crop tolerance, efficacy).
- ⌘ prepare MU proposals for PMRA.

### Explanation of Crop Groupings

Crop Group	Representative commodities
1	Root and tuber vegetables
1B	Root veg. (except sugar beet)
2	Leaves of root and tuber vegetables (food or feed)
3	bulb vegetables
4	leafy vegetables
5	Brassica (leafy vegetables)
5A	Head and stem brassica
6	Legume vegetables
7	Foliage of legume vegetables
8	fruiting vegetables
9	cucurbit vegetables
11	Pome fruits
12	Stone fruits
13	Berries
14	Tree nuts
15	Cereal grain
16	Forage, fodder, cereal straw
17	Grass forage, fodder, hay
18	Nongrass animal feed
19	Herbs and spices
20	Oilseeds