



Syngenta Product Update

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Benzovindiflupyr



New Approved Uses

Crop	Pest	Use Pattern	Product	Rate (fl oz/A)	Season Total (fl oz/A)	Number Applications
Lowbush Blueberry	Leaf rust	Foliar	Aprovia Top	13.5	13.5	1
Ginseng	Alternaria leaf blight	Foliar	Elatus	7.3	29.2	4

Pending Aprovia Top Uses Anticipated 1Q 2022

- Carrot and radish
- Foliar applications for control of cercospera, anthracnose and powdery mildew

Aprovia Top = Benzovindiflupyr + difenoconazole; Elatus = Benzovindiflupyr + azoxystrobin

Propiconazole



Pending Uses Anticipated 1Q 2022

- Broccoli and cabbage
- Foliar applications for control of leaf blight spot and leaf spot

Thiabendazole



Pending uses anticipated 4Q 2021

Crops	Diseases	Application Type	Rate (fl oz/100lb seed)
Brassica leafy green group	Black leg	Seed treatment	3.5
Clover seed	Northern anthracnose	Seed treatment	8.7
Non-grass animal feeds (forage, fodder, straw, and hay)	Fusarium Northern anthracnose	Seed treatment	8.7
Mustard greens	Black leg	Seed treatment	3.5
Sweet potato	Black leg	Post-harvest	0.42 fl oz/ 2000 lb. roots

Fludioxonil



Pending uses anticipated 4Q 2021

Crops	Diseases	Application Type	Product
Celtuce, florence fennel, leaf petiole vegetables group	Leaf spot, gray mold	Foliar	Cannonball
Sugar apple	Anthraco nose, botrytis fruit rot, alternaria fruit rot	Foliar	Switch
GH Crops (Cucumber, pepper, tomatoes)	Fusarium rot root	Drench	Cannonball
Tropical & subtropical fruits, dragon fruit, durian, jackfruit, mangosteen, persimmon	Post-harvest decay: Anthracnose, botrytis fruit rot, green mold penicillium, rhizopus	Post-harvest	Scholar SC
Cottonseed, sunflower seed group	Seed decay, damping-off, seedling blight	Seed treatment	Maxim 4FS

PYDIFLUMETOFEN- US Miravis brands chronological view of crop extensions

 **Miravis™**
PYDIFLUMETOFEN

 **Miravis™ Ace**
+ PPZ

 **Miravis™ Neo**
+ PPZ, AZT

 **Miravis™ Prime**
+ FDL

 **Miravis™ Top**
+ DFZ

 **Miravis™ Duo**
+ DFZ






2019-2020	Pome Stone fruit*	Pulses 6A/6B	Strawberries* Bulb Brassica Head & Stem Root Carrot/Radish Pistachio Blueberries*	Cotton Pecan Citrus	Tree Nuts (Almonds, Walnuts, etc) Stone Fruit
	Caneberries* GH: Lettuce, Peppers* Ginseng*, Hops* Soil: Cucurbit 1x		Tree nuts GH: Pepper*		
	Soil: Cucurbit 2x, Cotton, Fruiting Veg, Leafy Veg				

Inadvertent tolerances (PRIA August 2020): Rice, GGS, Non-grass animal feed, i.e., Alfalfa, Tobacco
Crops with tolerances for rotational purposes but no commercial intent: Sugarbeets, Sunflower, Sorghum

*In purple= data generated by IR4 and PMC for plums, cherries and peaches under stone fruit)

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Oomycete portfolio chronological view crop extensions

	 Orondis [®]	 Orondis [®] Gold	 Orondis [®] Ultra	 Ridomil [®] Gold SL	 Revus [®]
2021	Tree Nut Group Pomegranate* Avocado* (Tropical Fruit Group)	Hops* Strawberry* Bushberry* Caneberry Asparagus	Hops* Citrus Basil Crop Group Alignment	Tree Nut Group	
2022-2023	PBI Reduction Sugarcane Peanut		Lima Bean*	PBI Reduction Sugarcane Crop Group Alignment	
2024					Soil Applied: Strawberry Tobacco Potato

Crops with tolerances for rotational purposes but no commercial intent: Sugarbeets, Sunflower, Sorghum, Rice, Sugarcane, Alfalfa, Tobacco, GGS **IR-4 project*

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Cyprodinil



Pending Uses Anticipated 4Q 2021

- Foliar applications for control of powdery mildew
- New crops and crop groups
 - Celtuce
 - Florence Fennel
 - Kohlrabi
 - Brassica head and stem vegetable group
 - Brassica leafy greens group
 - Leafy greens group
 - Lemon/lime group

Fluazifop-P-Butyl



Pending Uses Anticipated 1Q 2022

- Foliar applications for control of annual and perennial grasses
- New crop and crop groups
 - Arugula
 - Broccoli
 - Cauliflower
 - Cabbage & Chinese Cabbage
 - Celery
 - Chives
 - Citrus Crop Group
 - Collards
 - Kale
 - Low growing berry crop group
 - Mustard Greens
 - Papaya
 - Stone Fruit Crop Group

S-metolachlor



New Approved Uses

Crop	Pest	Use Pattern	Rate (LB AI/A)
Rosemary	Annual grasses, small seeded broadleaves, yellow nutsedge	Broadcast PRE & POST	1.27
Dill	Annual grasses, small seeded broadleaves, yellow nutsedge	Broadcast POST	0.64-1.27

Pending Use Anticipated 1Q 2022

- Lima beans
 - Broadcast post-emergence application

Bicyclopyrone Minor Crops

- 16 Crops
- Anticipated Approval 4Q 2021

Crop	Application Timing	Application Placement
Lemongrass	Preplant, Preplant Incorporated, or Postemergence	Soil & Foliage
Rosemary	Preplant, Preplant Incorporated, or Postemergence	Soil & Foliage
Wormwood	Pre-Greenup, Post-Greenup, Postemergence	Soil & Foliage
Horseradish	Preemergence, Row Middle, Post-directed, or Postemergence	Soil
Sweet Potato	Pre-transplant or Row Middle	Soil
Timothy	Preplant, Preemergence, or Postemergence	Soil & Foliage
Banana	Row Middle or Post-directed	Soil
Plantain	Row Middle or Post-directed	Soil

Crop	Application Timing	Application Placement
Papaya	Row Middle or Post-directed	Soil
Watermelon	Row Middle or Post-directed	Soil
Strawberry	Row Middle or Post-directed	Soil
Broccoli	Row Middle or Post-directed	Soil
Hops	Row Middle or Post-directed	Soil
Onion, dry bulb*	Preemergence, Row Middle, Post-directed, or Postemergence	Soil & Foliage
Onion, green*	Preemergence, Row Middle, Post-directed, or Postemergence	Soil & Foliage
Garlic*	Preplant, Row Middle, or Post-directed	Soil

*IR-4 project

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THANK YOU!