### INSECTICIDE

**Cryptoid** XL

# **BROAD-SPECTRUM PYRETHROID FOR SWIFT, LASTING CONTROL**

Cryptoid<sup>™</sup> XL, a pyrethroid insecticide, offers swift knockdown and long residual control against over 100 unique pests on more than 100 different crops. It has a broad-spectrum label approved for select citrus, corn, soybeans, cotton, and wheat, and effectively targets pests such as bollworms, armyworms, and stink bugs. Cryptoid XL and its active ingredient, beta-cyfluthrin, work on contact and through ingestion and require low use rates needed for effective control. The short re-entry and pre-harvest intervals as well as an easy-to-use emulsifiable concentrate formulation makes it a flexible tool. Experience the versatility of Cryptoid XL, a powerful tool for eliminating pests quickly.



## **PRODUCT NOTES**

EPA REGISTRATION NUMBER 91234-295

ACTIVE INGREDIENT Beta-cyfluthrin 12.7%

FORMULATION Emulsifiable Concentrate

IRAC NUMBER 3A

SIGNAL WORD Warning

PACKAGE SIZE 4 x 1 gal

RESTRICTED USE Yes

### **KEY BENEFITS**

- Broad-spectrum uses and pests
- Fast knockdown and long residual control
- Short re-entry and preharvest intervals
- Easy-to-use formulation

#### **KEY USES**

- Alfalfa
- Corn
- Sov
- CottonOranges
- Potatoes

Pistachios

- Soybeans
- Wheat

Refer to label for specific use restrictions.



Relevant. Simple. Reliable.

# Cryptoid<sup>®</sup> XL

# **APPLICATION INFORMATION**

Areas treated with Cryptoid XL may be replanted with any crop as soon as practical after the last application.

Maximum usage when applying both cyfluthrin and beta-cyfluthrin products to the same crop within the same season: Do not apply more than the maximum yearly total for each product when used alone, and do not apply more than the combined maximum yearly total for both products as outlined in the table below and in the product label.

# APPLICATION USE RATES BY CROP

Com (Field, Pop, Seed)     0.8 - 2.8       Cotton     0.8 - 3.2       Grasses     1.6 - 2.8       Peanut     1.0 - 2.8       Sorghum     0.8 - 2.8       Sorghum     0.8 - 2.8       Sugarcane     2.1 - 2.8       Sugarcane     0.8 - 2.8       Tobacco     0.8 - 2.8       Triticale and Wheat     1.0 - 2.4       Brassica (Cole) Leafy Vegetables, Crop Group 5     0.8 - 3.2       Cucurbits, Crop Group 9     0.8 - 2.8       Fruiting Vegetables, Crop Group 4     0.8 - 3.2       Died Shelled Legume Vegetables, Crop Subgroup 6     0.8 - 3.2       Crop Subgroup 10     0.8 - 3.2       Chato, and other Tuberous and Corm Vegetables, Crop Subgroup 6     0.8 - 2.8       Corp Subgroup 10     0.8 - 2.8       Carot and Radish     0.8 - 2.8       Sweet Corm     0.8 - 2.8       Carot and Radish     0.8 - 3.2       Carot and Radish     1.6 - 2.8       Sweet Corm     0.12 - 2.8       Citrus, Crop Group 10     1.6 - 4.4       Grape     1.8 - 3.2       Hop     3.2		
Com (Field, Pop, Seed)     0.8 - 2.8       Cotton     0.8 - 3.2       Grasses     1.6 - 2.8       Peanut     1.0 - 2.8       Sorghum     0.8 - 2.8       Sorghum     0.8 - 2.8       Sugarcane     2.1 - 2.8       Sugarcane     0.8 - 2.8       Tobacco     0.8 - 2.8       Triticale and Wheat     1.0 - 2.4       Brassica (Cole) Leafy Vegetables, Crop Group 5     0.8 - 3.2       Cucurbits, Crop Group 9     0.8 - 2.8       Fruiting Vegetables, Crop Group 4     0.8 - 3.2       Died Shelled Legume Vegetables, Crop Subgroup 6     0.8 - 3.2       Crop Subgroup 10     0.8 - 3.2       Chato, and other Tuberous and Corm Vegetables, Crop Subgroup 6     0.8 - 2.8       Corp Subgroup 10     0.8 - 2.8       Carot and Radish     0.8 - 2.8       Sweet Corm     0.8 - 2.8       Carot and Radish     0.8 - 3.2       Carot and Radish     1.6 - 2.8       Sweet Corm     0.12 - 2.8       Citrus, Crop Group 10     1.6 - 4.4       Grape     1.8 - 3.2       Hop     3.2	CROP	
Cotton     0.8 - 3.2       Grasses     1.6 - 2.8       Peanut     1.0 - 2.8       Sorghum     0.8 - 2.8       Sugarcane     2.1 - 2.8       Sunflower     0.8 - 2.8       Tobacco     0.28       Barley, Buckwheat, Millet (Pearl And Proso), Oat, Rye, Triticale and Wheat     1.0 - 2.4       Brassica (Cole) Leafy Vegetables, Crop Group 5     0.8 - 3.2       Cucurbits, Crop Group 9     0.8 - 2.8       Fruiting Vegetables, Crop Group 5     0.8 - 3.2       Dried Shelled Legume Vegetables, Crop Subgroup 6C     0.8 - 3.2       Pea, Southern     0.8 - 3.2       Pea, Southern     0.8 - 3.2       Poied Shelled Legume Vegetables, Crop Subgroup 6C     0.8 - 3.2       Pea, Southern     0.8 - 2.8       Sweet Corn     0.8 - 2.8       Curot and Radish     1.6 - 2.8       Sweet Corn     0.12 - 2.8       Citrus, Crop Group 10     1.8 - 6.4       Grape     1.8 - 3.2       Hop     3.2       Pome Fruit, Crop Group 12     1.4 - 2.8	Alfalfa	0.8 - 2.8
Grasses     1.6 - 2.8       Peanut     1.0 - 2.8       Sorghum     1.0 - 2.8       Sorghum     0.8 - 2.8       Sugarcane     2.1 - 2.8       Sunflower     0.8 - 2.8       Tobacco     0.29       Barley, Buckwheat, Millet (Pearl And Proso), Oat, Rye, Triticale and Wheat     1.0 - 2.4       Brassica (Cole) Leafy Vegetables, Crop Group 5     0.8 - 3.2       Cucurbits, Crop Group 9     0.8 - 2.8       Fruiting Vegetables, Crop Group 4     0.8 - 3.2       Dried Shelled Legume Vegetables, Crop Subgroup 6C     0.8 - 3.2       Pea, Southern     0.8 - 2.8       Potato, and other Tuberous and Corm Vegetables, Crop Subgroup 1C     0.8 - 2.8       Carrot and Radish     1.6 - 2.8       Sweet Corn     0.8 - 2.8       Citrus, Crop Group 10     1.6 - 2.8       Citrus, Crop Group 10     1.6 - 2.8       Citrus, Crop Group 10     1.6 - 2.8       Sweet Corn     0.12 - 2.8       Citrus, Crop Group 10     1.6 - 6.4       Grape     1.8 - 3.2       Hop     3.2       Pome Fruit, Crop Group 11     1.4 - 2.8	Corn (Field, Pop, Seed)	0.8 - 2.8
Peanut     1.0 - 2.8       Sorghum     1.0 - 2.8       Sorghum     1.0 - 2.8       Soybean     0.8 - 2.8       Sugarcane     2.1 - 2.8       Sunflower     0.8 - 2.8       Tobacco     0.8 - 2.8       Barley, Buckwheat, Millet (Pearl And Proso), Oat, Rye     1.0 - 2.4       Triticale and Wheat     1.0 - 2.4       Brassica (Cole) Leafy Vegetables, Crop Group 5     0.8 - 3.2       Cucurbits, Crop Group 9     0.8 - 2.8       Fruiting Vegetables, Crop Group 4     0.8 - 3.2       Dried Shelled Legume Vegetables, Crop Subgroup 6C     0.8 - 3.2       Pea, Southern     0.8 - 2.8       Rear out other Tuberous and Corm Vegetables, Crop Subgroup 6C     0.8 - 2.8       Carot and Radish     0.8 - 2.8       Sweet Com     0.8 - 2.8       Citrus, Crop Group 10     1.6 - 2.8       Sweet Com     0.12 - 2.8       Citrus, Crop Group 10     1.6 - 3.2       Hop     3.2       Pome Fruit, Crop Group 11     1.4 - 2.8       Store Fruit, Crop Group 12     1.4 - 2.8	Cotton	0.8 - 3.2
Sorghum     1.0 - 2.8       Sorghum     0.8 - 2.8       Sugarcane     2.1 - 2.8       Sunflower     0.8 - 2.8       Tobacco     0.28       Barley, Buckwheat, Millet (Pearl And Proso), Oat, Rye     1.0 - 2.4       Triticale and Wheat     1.0 - 2.4       Brassica (Cole) Leafy Vegetables, Crop Group 5     0.8 - 3.2       Cucurbits, Crop Group 9     0.8 - 2.8       Fruiting Vegetables, Crop Group 4     0.8 - 3.2       Dried Shelled Legume Vegetables, Crop Subgroup     0.8 - 3.2       Pea, Southern     0.8 - 2.8       Reard other Tuberous and Corm Vegetables, Crop Subgroup     0.8 - 3.2       Carrot and Radish     0.8 - 2.8       Sweet Com     0.8 - 2.8       Citrus, Crop Group 10     1.6 - 2.8       Citrus, Crop Group 10     1.6 - 6.4       Grape     1.6 - 3.2       Hop     3.2       Pome Fruit, Crop Group 11     1.4 - 2.8       Totage Graph 12     1.4 - 2.8	Grasses	1.6 - 2.8
Sorybean0.8 - 2.8Sorybean0.8 - 2.8Sugarcane0.8 - 2.8Sunflower0.8 - 2.8Tobacco0.28Barley, Buckwheat, Millet (Pearl And Proso), Oat, Rye, Triticale and Wheat1.0 - 2.4Brassica (Cole) Leafy Vegetables, Crop Group 50.8 - 3.2Cucurbits, Crop Group 90.8 - 2.8Fruiting Vegetables, Crop Group 40.8 - 2.8Pruiting Vegetables, Crop Group 40.8 - 3.2Dried Shelled Legume Vegetables, Crop Subgroup 6C0.8 - 3.2Pea, Southern0.8 - 2.1Potato, and other Tuberous and Corm Vegetables, Crop Subgroup 1C0.8 - 2.8Carrot and Radish1.6 - 2.8Sweet Corn0.12 - 2.8Citrus, Crop Group 101.6 - 6.4Grape3.2Pome Fruit, Crop Group 111.4 - 2.8Store Fruit, Crop Group 121.4 - 2.8	Peanut	1.0 - 2.8
Sugarcane2.1 - 2.8Sunflower0.8 - 2.8Tobacco0.28Barley, Buckwheat, Millet (Pearl And Proso), Oat, Rye, Triticale and Wheat1.0 - 2.4Brassica (Cole) Leafy Vegetables, Crop Group 50.8 - 3.2Cucurbits, Crop Group 90.8 - 2.8Fruiting Vegetables, Crop Group 81.6 - 2.8Leafy Vegetables, Crop Group 40.8 - 3.2Dried Shelled Legume Vegetables, Crop Subgroup 6C0.8 - 2.1Peat, Southern0.8 - 2.1Potato, and other Tuberous and Corm Vegetables, Crop Subgroup 1C0.8 - 2.8Carrot and Radish1.6 - 2.8Sweet Corn0.12 - 2.8Citrus, Crop Group 101.6 - 6.4Grape3.2Pome Fruit, Crop Group 111.4 - 2.8Store Fruit, Crop Group 121.4 - 2.8	Sorghum	1.0 - 2.8
Sunflower0.8 - 2.8Sunflower0.8 - 2.8Tobacco0.28Barley, Buckwheat, Millet (Pearl And Proso), Oat, Rye, Triticale and Wheat1.0 - 2.4Brassica (Cole) Leafy Vegetables, Crop Group 50.8 - 3.2Cucurbits, Crop Group 90.8 - 2.8Fruiting Vegetables, Crop Group 81.6 - 2.8Leafy Vegetables, Crop Group 40.8 - 3.2Dried Shelled Legume Vegetables, Crop Subgroup 6C0.8 - 3.2Pea, Southern0.8 - 2.1Potato, and other Tuberous and Corm Vegetables, Crop Subgroup 1C0.8 - 2.8Carrot and Radish1.6 - 2.8Sweet Corn0.12 - 2.8Citrus, Crop Group 101.6 - 6.4Grape1.6 - 3.2Hop3.2Pome Fruit, Crop Group 111.4 - 2.8Store Fruit, Crop Group 121.4 - 2.8	Soybean	0.8 - 2.8
Tobacco0.28Barley, Buckwheat, Millet (Pearl And Proso), Oat, Rye, Triticale and Wheat1.0 - 2.4Brassica (Cole) Leafy Vegetables, Crop Group 50.8 - 3.2Cucurbits, Crop Group 90.8 - 2.8Fruiting Vegetables, Crop Group 81.6 - 2.8Leafy Vegetables, Crop Group 40.8 - 3.2Dried Shelled Legume Vegetables, Crop Subgroup 6C0.8 - 2.1Potato, and other Tuberous and Corm Vegetables, Crop Subgroup 1C0.8 - 2.8Carrot and Radish1.6 - 2.8Sweet Corn0.12 - 2.8Citrus, Crop Group 101.6 - 6.4Grape1.6 - 3.2Hop3.2Pome Fruit, Crop Group 111.4 - 2.8Store Fruit, Crop Group 121.4 - 2.8	Sugarcane	2.1 - 2.8
Barley, Buckwheat, Millet (Pearl And Proso), Oat, Rye, Triticale and Wheat1.0 - 2.4Brassica (Cole) Leafy Vegetables, Crop Group 50.8 - 3.2Cucurbits, Crop Group 90.8 - 2.8Fruiting Vegetables, Crop Group 81.6 - 2.8Leafy Vegetables, Crop Group 40.8 - 3.2Dried Shelled Legume Vegetables, Crop Subgroup 6C0.8 - 2.1Pea, Southern0.8 - 2.1Potato, and other Tuberous and Corm Vegetables, Crop Subgroup 1C0.8 - 2.8Carrot and Radish1.6 - 2.8Sweet Corn0.12 - 2.8Citrus, Crop Group 101.6 - 6.4Grape1.6 - 3.2Hop3.2Pome Fruit, Crop Group 111.4 - 2.8Store Fruit, Crop Group 121.4 - 2.8	Sunflower	0.8 - 2.8
Triticale and Wheat1.0 - 2.4Brassica (Cole) Leafy Vegetables, Crop Group 50.8 - 3.2Cucurbits, Crop Group 90.8 - 2.8Fruiting Vegetables, Crop Group 81.6 - 2.8Leafy Vegetables, Crop Group 40.8 - 3.2Dried Shelled Legume Vegetables, Crop Subgroup 6C0.8 - 3.2Pea, Southern0.8 - 2.1Potato, and other Tuberous and Corm Vegetables, Crop Subgroup 1C0.8 - 2.8Carrot and Radish1.6 - 2.8Sweet Corn0.12 - 2.8Citrus, Crop Group 101.6 - 6.4Grape1.6 - 3.2Hop3.2Pome Fruit, Crop Group 111.4 - 2.8Stone Fruit, Crop Group 121.4 - 2.8	Tobacco	0.28
Cucurbits, Crop Group 90.8 - 2.8Fruiting Vegetables, Crop Group 81.6 - 2.8Leafy Vegetables, Crop Group 40.8 - 3.2Dried Shelled Legume Vegetables, Crop Subgroup 6C0.8 - 3.2Pea, Southern0.8 - 2.1Potato, and other Tuberous and Corm Vegetables, Crop Subgroup 1C0.8 - 2.8Carrot and Radish1.6 - 2.8Sweet Corn0.12 - 2.8Citrus, Crop Group 101.6 - 6.4Grape3.2Pome Fruit, Crop Group 111.4 - 2.8Stone Fruit, Crop Group 121.4 - 2.8	Barley, Buckwheat, Millet (Pearl And Proso), Oat, Rye, Triticale and Wheat	1.0 - 2.4
Fruiting Vegetables, Crop Group 81.6 - 2.8Leafy Vegetables, Crop Group 40.8 - 3.2Dried Shelled Legume Vegetables, Crop Subgroup 6C0.8 - 3.2Pea, Southern0.8 - 2.1Potato, and other Tuberous and Corm Vegetables, Crop Subgroup 1C0.8 - 2.8Carrot and Radish1.6 - 2.8Sweet Corn0.12 - 2.8Citrus, Crop Group 101.6 - 6.4Grape3.2Pome Fruit, Crop Group 111.4 - 2.8Stone Fruit, Crop Group 121.4 - 2.8	Brassica (Cole) Leafy Vegetables, Crop Group 5	0.8 - 3.2
Leafy Vegetables, Crop Group 40.8 - 3.2Dried Shelled Legume Vegetables, Crop Subgroup 6C0.8 - 3.2Pea, Southern0.8 - 2.1Potato, and other Tuberous and Corm Vegetables, Crop Subgroup 1C0.8 - 2.8Carrot and Radish1.6 - 2.8Sweet Corn0.12 - 2.8Citrus, Crop Group 101.6 - 6.4Grape3.2Pome Fruit, Crop Group 111.4 - 2.8Stone Fruit, Crop Group 121.4 - 2.8	Cucurbits, Crop Group 9	0.8 - 2.8
Dried Shelled Legume Vegetables, Crop Subgroup 6C0.8 - 3.2Pea, Southern0.8 - 2.1Potato, and other Tuberous and Corm Vegetables, Crop Subgroup 1C0.8 - 2.8Carrot and Radish1.6 - 2.8Sweet Corn0.12 - 2.8Citrus, Crop Group 101.6 - 6.4Grape1.6 - 3.2Hop3.2Pome Fruit, Crop Group 111.4 - 2.8Stone Fruit, Crop Group 121.4 - 2.8	Fruiting Vegetables, Crop Group 8	1.6 - 2.8
6C0.8 - 3.2Pea, Southern0.8 - 2.1Potato, and other Tuberous and Corm Vegetables, Crop Subgroup 1C0.8 - 2.8Carrot and Radish1.6 - 2.8Sweet Corn0.12 - 2.8Citrus, Crop Group 101.6 - 6.4Grape1.6 - 3.2Hop3.2Pome Fruit, Crop Group 111.4 - 2.8Stone Fruit, Crop Group 121.4 - 2.8	Leafy Vegetables, Crop Group 4	0.8 - 3.2
Potato, and other Tuberous and Corm Vegetables, Crop Subgroup 1C0.8 - 2.8Carrot and Radish1.6 - 2.8Sweet Corn0.12 - 2.8Citrus, Crop Group 101.6 - 6.4Grape1.6 - 3.2Hop3.2Pome Fruit, Crop Group 111.4 - 2.8Stone Fruit, Crop Group 121.4 - 2.8	Dried Shelled Legume Vegetables, Crop Subgroup 6C	0.8 - 3.2
Crop Subgroup 1C     0.8 - 2.8       Carrot and Radish     1.6 - 2.8       Sweet Corn     0.12 - 2.8       Citrus, Crop Group 10     1.6 - 6.4       Grape     1.6 - 3.2       Hop     3.2       Pome Fruit, Crop Group 11     1.4 - 2.8       Stone Fruit, Crop Group 12     1.4 - 2.8	Pea, Southern	0.8 - 2.1
Sweet Corn     0.12 - 2.8       Citrus, Crop Group 10     1.6 - 6.4       Grape     1.6 - 3.2       Hop     3.2       Pome Fruit, Crop Group 11     1.4 - 2.8       Stone Fruit, Crop Group 12     1.4 - 2.8	Potato, and other Tuberous and Corm Vegetables, Crop Subgroup 1C	0.8 - 2.8
Citrus, Crop Group 10     1.6 - 6.4       Grape     1.6 - 3.2       Hop     3.2       Pome Fruit, Crop Group 11     1.4 - 2.8       Stone Fruit, Crop Group 12     1.4 - 2.8	Carrot and Radish	1.6 - 2.8
Grape     1.6 - 3.2       Hop     3.2       Pome Fruit, Crop Group 11     1.4 - 2.8       Stone Fruit, Crop Group 12     1.4 - 2.8	Sweet Corn	0.12 - 2.8
Hop     3.2       Pome Fruit, Crop Group 11     1.4 - 2.8       Stone Fruit, Crop Group 12     1.4 - 2.8	Citrus, Crop Group 10	1.6 - 6.4
Pome Fruit, Crop Group 11     1.4 - 2.8       Stone Fruit, Crop Group 12     1.4 - 2.8	Grape	1.6 - 3.2
Stone Fruit, Crop Group 12 1.4 - 2.8	Нор	3.2
	Pome Fruit, Crop Group 11	1.4 - 2.8
Tree Nuts Cron Group 14 14 - 2.8	Stone Fruit, Crop Group 12	1.4 - 2.8
	Tree Nuts, Crop Group 14	1.4 - 2.8

Refer to product label for complete application and mixing instructions.

Cryptoid™ XL is an EPA Restricted Use Pesticide.

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# KEY INSECTS

### Aphids

Armyworms Bean leaf; beetle, webber Cabbage looper Colorado potato beetle Corn rootworms Cotton aphid Cotton leaf perforator Cotton leafworm Cucumber beetles Cutworms European corn borer Flea; beetle, hopper Garden webworm Grasshoppers Green cloverworm Japanese beetle June beetle Mexican bean beetle Pink bollworm Potato; leafhopper, psyllid, tuberworm Saltmarsh caterpillar Silver-spotted skipper Southern garden leafhopper Soybean podworm Stink bugs Tarnished plant bug Three-cornered alfalfa hopper Thrips Velvetbean caterpillar Whiteflies

(Refer to product label for complete list)

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