
SUPPLEMENTAL LABELING

Syngenta Crop Protection, LLC
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SCP 1508A-S1 1214

GROUP	4A	INSECTICIDE
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GROUP	4	7	12	FUNGICIDES
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CruiserMaxx® Vibrance®

Insecticide with Fungicides

Seed treatment on dried shelled beans and soybeans

This supplemental label expires on 11/ 21/2017 and must not be used or distributed after this date.

Active Ingredients:

Thiamethoxam ¹	20.80%
Mefenoxam ²	3.13%
Fludioxonil ³	1.04%
Sedaxane ⁴	1.04%
<u>Other Ingredients:</u>	<u>73.99%</u>
<u>Total:</u>	<u>100.00%</u>

¹CAS No. 153719-23-4

²CAS No. 70630-17-0 and CAS No. 69516-34-3

³CAS No. 131341-86-1

⁴CAS No. 874967-67-6

One gallon of CruiserMaxx Vibrance contains 1.99 lb thiamethoxam, 0.30 lb mefenoxam, 0.10 lb fludioxonil and 0.10 lb sedaxane.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

EPA Reg. No. 100-1508



DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

All applicable directions, restrictions and precautions on the EPA registered label are to be followed. Before using CruiserMaxx® Vibrance® as permitted according to this supplemental label, read and follow all applicable directions, restrictions, and precautions on the EPA registered label on or attached to the pesticide product container. This Supplemental Labeling contains revised use instructions and or restrictions that may be different from those that appear on the container label. This Supplemental Labeling must be in the possession of the user at the time of pesticide application.

SEED BAG LABEL REQUIREMENTS

The Federal Seed Act requires that bags containing treated seeds shall be labeled with the following statements:

- This seed has been treated with thiamethoxam insecticide and fludioxonil, mefenoxam, and sedaxane fungicides.
- Do not use for feed, food, or oil purposes.
- User is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act.
- Use an EPA approved dye/colorant that imparts an unnatural color to the seed as required in 40CFR 153.155(c).

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seeds treated with CruiserMaxx Vibrance:

- **Ground Water Advisory:**

Thiamethoxam has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into the ground water if used in areas where soils are permeable, particularly where the water table is shallow.

Mefenoxam is known to leach through soil into ground water under certain conditions as a result of agricultural use. This chemical may leach into the ground water if used in areas where soils are permeable, particularly where the water table is shallow.
- **Pollinator Precautions:**

Thiamethoxam is highly toxic to bees, and effects are possible as a result of exposure to translocated residues in blooming crops.
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in the ethanol by-products that are used in agronomic practice.

- Do not allow children, pets, or livestock to have access to treated seed.
- Store away from feeds and foodstuffs.
- Wear long-sleeved shirt, long pants and chemical resistant gloves when handling treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Treated seed must be planted into the soil at a depth greater than 1 inch.
- Dispose of all excess treated seed. Leftover treated seed may be doublesown around the headland or buried away from water sources in accordance with local requirements.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Dispose of seed packaging in accordance with local requirements.
- Do not graze or feed livestock on treated areas for 45 days after planting seed treated with CruiserMaxx Vibrance.
- In the event of a crop failure or harvest of a crop grown from CruiserMaxx Vibrance treated seed, the field may be replanted immediately to canola, soybean, barley, oat, rye, triticale and wheat.
- Alfalfa, *Brassica* (cole) leafy vegetables, buckwheat, corn, pearl millet, proso millet, popcorn, rice (dry-seeded), sorghum, teosinte, wild rice, cotton, cucurbit vegetables, dry bulb onions, fruiting vegetables, leafy vegetables, legume vegetables, mint (peppermint and spearmint), oil seed crops (black mustard seed, borage seed, crambe seed, field mustard seed, flax seed, Indian mustard seed, Indian rapeseed seed, peanuts, rapeseed seed, and safflower seed), root vegetables, strawberry, sunflowers, tobacco, and tuberous and corm vegetables may be planted 30 days from the date the CruiserMaxx Vibrance treated seed was planted.
- For any other crop, the minimum plant back interval is 120 days from the date the CruiserMaxx Vibrance treated seed was planted. A cover crop other than the crops listed above that is planted for erosion control or soil improvement may be planted sooner than the 120 day interval; however, the crop may not be grazed or harvested for food or feed.
- Following potato seed pieces treated with sedaxane:
 - No sedaxane treated seeds may be planted for a 24-month period following planting of sedaxane treated potato seed pieces.
- For soybeans: Do not use at a rate that will result in more than 0.125 lb thiamethoxam per acre (56.7grams ai/A) per year, regardless of type of application (seed treatment and/or foliar). Do not use at a rate that will result in more than 0.083 lb thiamethoxam per acre (37.8 grams ai/A) per year as a seed treatment application.
- For dried shelled beans (except soybeans): Do not use at a rate that will result in more than 0.083 lb thiamethoxam per acre (37.8 grams ai/A) per year. This seed has been treated with 0.0756 mg ai thiamethoxam per seed.
- With the exception of soybeans, do not make any soil or foliar application of products containing thiamethoxam to crops grown from seed treated with a

neonicotinoid insecticide. For soybeans, do not apply a neonicotinoid insecticide within 45 days of planting seed treated with CruiserMaxx Vibrance.

- The maximum number of applications per season is 2.

CROP USE DIRECTIONS

When applied according to the **CRUISERMAXX VIBRANCE RATE TABLE**, CruiserMaxx Vibrance provides early season protection against injury by aphids, bean leaf beetle, grape colaspis, leaf miners, leaf hoppers, Mexican bean beetle, seed corn maggot, three-cornered alfalfa hopper, thrips, white grubs, and wireworm.

CruiserMaxx Vibrance provides protection against damping-off and seed borne rots due to *Pythium*, *Phytophthora*, *Fusarium*, *Rhizoctonia* species and early season *Phytophthora* root rot as well as Anthracnose on dry bean caused by seed-borne *Colletotrichum* spp. CruiserMaxx Vibrance also suppresses seed-borne *Sclerotinia* and *Phomopsis* species. Additional Apron XL may be necessary for high levels of *Phytophthora* or *Pythium*. Refer to the table below to determine the appropriate use rate of Apron XL, if needed. Read and follow all label direction for Apron XL use.

CruiserMaxx Vibrance Rate Table

Crop	Use rate (fl oz per 100 lb seed)		Grams active ingredient per 100 kg seed	
	Cruiser Maxx Vibrance	Apron XL	Cruiser Maxx Vibrance	Apron XL
Dried Shelled Bean (except soybean) including: Bean (All <i>Lupinus</i> species) including: grain sweet white white sweet lupin Bean (All <i>Phaseolus</i> Species) including: black bean cranberry bean field bean great Northern bean kidney bean lima bean navy bean pinto bean runner bean snap bean small red bean tepary bean wax bean yellow bean Bean (All <i>Vigna</i> species) including: adzuki bean asparagus bean blackeyed pea catjang Chinese longbean cowpea Crowder pea moth bean mung bean rice bean southern pea urd bean yardlong bean Broad bean (fava Bean, dry)	3.22	0.32	Thiamethoxam 50 gm Mefenoxam 7.5 gm Fludioxonil 2.5 gm Sedaxane 2.5 gm Total = 62.5 gm	Mefenoxam 7.5 gm

Crop	Rate of CruiserMaxx Vibrance		
Soybean, including soybean, vegetable	fl oz per 100 lb seed¹ or fl oz per 140,000 seeds¹	grams ai per 100 kg seed	mg ai per seed
	3.22 fl oz or 1.50 fl oz per 140,000 seeds	Thiamethoxam 50 gm Mefenoxam 7.5 gm Fludioxonil 2.5 gm Sedaxane 2.5 gm Total = 62.5 gm	Total of all active ingredients = 0.0945 mg

¹The mg ai per seed, fl oz CruiserMaxx Vibrance per 100 lb seed, and fl oz CruiserMaxx Vibrance per 140,000 seeds rates are based on 3,000 seeds per pound.

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