

DuPont™ Asana® XL

insecticide

Outstanding pest control that's longer-lasting and more effective

From the moment they're planted, your cole crops are vulnerable to the ravages of worms. In the cotyledon stage, your ability to hold a stand can be threatened by beet armyworms, loopers and cutworms. Young plants can be damaged or destroyed in a matter of hours if worms aren't controlled quickly. And once a stand is established, the ever-present threat of worm pressure demands regular scouting and cultural and chemical controls until harvest.

DuPont™ Asana® XL insecticide gives broccoli, cauliflower and cabbage growers long-lasting crop protection at a low, competitive cost. It remains effective during high temperatures, when pest populations can explode, and when other insecticides fail. Asana® XL provides broad-spectrum insect control, killing pests on contact and by ingestion.

* Broccoli (including Chinese broccoli), cabbage, cauliflower, Chinese cabbage (tight-headed varieties only, e.g., Napa cabbage).

Here's how it works

Asana® XL should be applied when pests reach economic threshold levels. Application rates as low as 0.03 to 0.05 pound active ingredient (ai) per acre have proven highly effective on many insect pests, while lower rates of 0.015 to 0.030 pound ai per acre will control imported cabbageworm. Insects exposed to Asana® XL stop feeding almost immediately, preventing further damage to the plant. However, it is advisable to wait 48 to 72 hours before assessing the full effectiveness of the treatment. See product label for complete details.

Benefits of Asana® XL

- **Longer-lasting residual.** Asana® XL gives extra days of crop protection against pests that attack cole crops. Photostability studies demonstrate that Asana® XL continues working longer than most other pyrethroids. Once the spray has dried, it is able to withstand sunlight breakdown and rain washoff longer than most other pyrethroids and other materials.
- **Nonphytotoxic.** Equally important, Asana® XL is non-phytotoxic to crops and foliage. It does not interfere with fruiting or reduce crop vigor. As a result, cole crops can grow to their full potential and cosmetic appeal, commanding premium prices at harvest.



- **More control of more insects.** Asana® XL delivers superior control on a broad spectrum of pests, including flea beetle, cutworms, cabbage looper, grasshoppers, imported cabbageworm and alfalfa looper.
- **Convenient container sizes.** Asana® XL contains 0.66 pound ai per gallon and is available in 1-gallon jugs and 14-gallon or 110-gallon returnable drums. See label for complete details.
- **Easy to mix and apply.**

Recommended rates of DuPont™ Asana® XL on cole crops

Crop	Insect	Dosage		Number of acres treated/gal	Further use instructions	Days to harvest
		Lb ai/A	Fl oz/A			
Broccoli (including Chinese broccoli), cabbage, cauliflower, Chinese cabbage (tight-headed varieties only)	Imported cabbageworm	0.015-0.03	2.9-5.8	44-22	Do not exceed 0.4 lb ai/A per season	3
	Cabbage looper, beet armyworm ¹ , alfalfa looper, flea beetle, grasshoppers, cutworms	0.03-0.05	5.8-9.6	22-13		

¹ Aids in control.

For more information

Contact your local DuPont crop protection retailer or DuPont representative to learn more about Asana® XL. And visit us on the Web at asanaxl.dupont.com.

Asana® XL is a restricted-use pesticide.

This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use and product warranty and liability limitations that must be read before using the product. Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank mix combinations.

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