



INSECTICIDE



ADAMA

# COSAYR®

A long lasting diamide insecticide, which quickly controls chewing insects. Registered for a broad range of horticultural and field crops.



## GROUP 28

### Active Ingredients:

Chlorantraniliprole 200 g/L = SC

### Application Rates and Acres Treated:

Rate: 125 – 500 ml/ha  
(50.6 – 202 ml/ac)

Acres Treated: 60 – 240 ac/case

### Packaging:

12 x 1 L (treats 5 – 20 ac/jug)  
2 x 6 L jugs (treats 30 – 120 ac/jug)

### Water Volume:

Ground: Minimum 100 L/ha  
(40 L/ac)

Aerial: Minimum 50 L/ha (20 L/ac)

### Rainfastness:

Avoid application when heavy rain is forecast.

### REGISTERED CROPS:

For a complete list of all crops registered for COSAYR® please refer to the label.

- Barley
- Brassica Vegetables
- Corn (field, popcorn, seed and sweet)
- Cucurbits
- Fruiting Vegetables
- Grass Forage, Fodder and Hay
- Green Onions
- Leafy Vegetables
- Legume Vegetables
- Non Grass Animal Feeds
- Oats
- Oil Seed Crops (canola, mustard, flax, sunflower)
- Potatoes
- Root and Tuber Vegetables
- Rye
- Soybeans
- Triticale
- Wheat

### KEY INSECTS CONTROLLED:

- Alfalfa Weevil<sup>§</sup>
- Armyworm (beet, bertha, fall)
- Beet Webworm
- Cabbage Looper
- Colorado Potato Beetle
- Corn Earworm
- Cutworms (black, variegated, western bean)
- Diamondback Moth
- European Corn Borer
- Fruit Worm (tomato)
- Grasshopper
- Hornworm (tomato, tobacco)
- Imported Cabbage Worm
- Leafminer (lepidopteran, *liriomyza sativae liriomyza trifolii*)
- Sunflower Head Moth<sup>†</sup>
- Swede Midge

<sup>§</sup> Suppression

<sup>†</sup> Reduces damage caused by Banded sunflower moth



# COSAYR®

## HOW IT WORKS:

Chlorantraniliprole binds to a specific receptor in the muscles called the ryanodine receptor. Once bound to this receptor the muscle cells begin to leak calcium, which prevents normal function. The insect is paralyzed and dies.

## CROP STAGING:

Apply at the recommended rates when insect populations reach locally determined economic thresholds.

## MIXING INSTRUCTIONS:

1. Fill spray tank  $\frac{1}{2}$  full of water.
2. Add COSAYR® directly to spray tank. Mix thoroughly to fully disperse the insecticide; once dispersed continued agitation is required.
3. Once the product has been well mixed, add an adjuvant, where applicable, while continuously mixing. Use mechanical or hydraulic means; do not use air agitation.
4. Complete filling tank with water with agitation on.

Spray mix should not be stored overnight in spray tank.

**NOTE:** If tank-mixing, please reference the label of the partner for specific mixing order or follow WAMLEGS or WALES for proper mixing protocol.

This product may be tank mixed with a fertilizer, a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact ADAMA Agricultural Solutions Canada Ltd. at 1-855-264-6262 for information before applying any tank mix that is not specifically recommended on this label.

## PRE-HARVEST INTERVALS:

See label for full list of crops and PHI's.

- Non-Grass Animal Feeds, Hops, Grass Forage, Fodder and Hay: 0 days
- Oil Seeds, Greenhouse Vegetables (cucumbers, peppers, eggplants, tomatoes), Cereal Crops, Root and Tuber Vegetables, Leafy Vegetables, Legume Vegetables, Fruiting Vegetables, Cucurbit Vegetables, Seed and Sweet Corn: 1 day
- Brassica Vegetables: 3 days
- Field Corn, Popcorn: 14 days

## ADJUVANT RATE:

NIS @ 0.25% v/v

MSO @ 0.5% v/v

## CROP ROTATIONS:

N/A

## GRAZING RESTRICTION:

None

## RE-ENTRY INTERVAL:

12 hours

## STORAGE:

Store this product away from food or feed. Store product in original container only, away from other pesticides and fertilizer. Not for use or storage in or around the home.



[CLICK HERE FOR FULL PRODUCT DETAILS.](#)



Always read and follow label directions.  
Toll-free: 1.855.264.6262 | Website: ADAMA.COM

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## QUICK TIPS:

Can be applied in a flexible temperature range of 4–40°C. Do not make a foliar application of COSAYR® for a minimum of 60 days following an in-furrow or soil application or planting of seed or seed pieces treated with any Group 28 insecticide.