



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: 51–202 ml/ac

Acres Treated: 30–118 ac/jug

### Packaging:

Case: 2 x 6 L jugs

### Water Volume:

Ground: 40 L/ac (10 US gal/ac)

Aerial: 20 L/ac (5 US gal/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
- Chickpeas
- Corn (field, popcorn, seed and sweet)
- Field Beans
- Field Peas
- Lentils
- Oats
- Oil Seed Crops (canola, mustard, flax, sunflower)
- Potatoes
- Rye
- Soybeans
- Triticale
- Wheat

### KEY INSECTS CONTROLLED:

For a complete list of all insects controlled by COSAYR® please refer to the label.

- Armyworm (beet, bertha, fall)
- Cabbage Looper
- Colorado Potato Beetle
- Corn Earworm
- Cutworms (black, variegated, western bean)
- Diamondback Moth
- European Corn Borer
- Fruit Worm (tomato)
- Grasshopper
- Imported Cabbage Worm
- Sunflower Head Moth<sup>1</sup>
- Swede Midge

<sup>1</sup> Reduces damage caused by banded sunflower moth

### 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.



Crop Group	Pest	Rate
Oilseeds	Bertha Armyworms	51–152 mL/ac
	Diamondback Moth	51 mL/ac
	Cabbage Looper, Cutworms, Imported Cabbage Worm, Swede Midge	101 mL/ac
	Grasshoppers	51–101 mL/ac
	Banded Sunflower Moth, Sunflower Head Moth	101–152 mL/ac
Cereals	Cutworms	101 mL/ac
	Grasshoppers	51–101 mL/ac
	Armyworm, Fall Armyworm, Beet Armyworm, Corn Earworm, European Corn Borer	101–152 mL/ac
Pulses	Cutworms, Cabbage Looper	101 mL/ac
	Grasshoppers	51–101 mL/ac
	Armyworm, Fall Armyworm, Beet Armyworm, Corn Earworm, European Corn Borer	101–152 mL/ac
Potato	Colorado Potato Beetle	101–202 mL/ac
	European Corn Borer	101–152 mL/ac

For full list of insects controlled per crop please reference the label.

#### MIXING INSTRUCTIONS:

1. Fill spray tank ½ 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.

#### CROP ROTATIONS:

No restrictions.

#### GRAZING RESTRICTION:

None

#### PRE-HARVEST INTERVALS:

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

- Oil Seeds, Cereal Crops, Root and Tuber Vegetables, Seed And Sweet Corn: 1 day
- Field Corn, Popcorn: 14 days

#### 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.](#)

#### 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.



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

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