

2012-2041
2012-07-10

GROUP	3	INSECTICIDE
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RIPCORD™ 400 EC

AGRICULTURAL

INSECTICIDE

Emulsifiable concentrate containing Cypermethrin for insect control

GUARANTEE: Cypermethrin 407 grams per litre

REGISTRATION NO. 15738

PEST CONTROL PRODUCTS ACT



CAUTION

POISON

READ THE LABEL AND PAMPHLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT

1-800-454-2673

NET CONTENTS: 1 Litre

BASF Canada Inc.
100 Milverton Drive, 5th Floor
Mississauga, Ontario
L5R 4H1
1-877-371-2273

RIPCORD is a trade-mark of BASF SE, used with permission by BASF Canada Inc.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Harmful or fatal if swallowed. Maybe harmful if absorbed through the skin. Severely irritating to eyes. Causes skin irritation and sensitization. Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Wear long-sleeved protective clothing and gloves when handling or applying material. Wear face shield or eye goggles when mixing. Wash thoroughly after using and before eating or smoking.

Keep in original container during storage. Do not contaminate or store near feed or foodstuffs. Keep product away from fire, open flame, lighted electric bulbs and other sources of heat.

This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at www.croplife.ca.

FIRST AID

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

The treatment of systemic intoxication should be primarily symptomatic and supportive. In cases of ingestion, carry out gastric lavage with care to prevent aspiration.

DISPOSAL

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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CAUTION: Unless otherwise stated, do **not** graze the treated crops or cut for hay; there are not sufficient data to support such use.

TOXIC TO FISH. Do not apply where streams, lakes, ponds, water used by livestock, or water used for domestic purposes may be contaminated. Do not apply within 15 metres of productive fishery waters. An untreated border of 15 metres for ground applications and 100 metres for aerial applications, must always be left around environmentally sensitive areas such as sloughs, streams, rivers, dugouts and wetlands. RIPCORD 400 EC Agricultural Insecticide is very toxic to aquatic organisms and fish, and overspray or drift into these areas must be avoided. Toxic to bees and other beneficial insects. Avoid spraying when bees are foraging.

AERIAL APPLICATION

Directions for Use

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Use Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as

outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specified buffer zones should be observed.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelterbelt) or aquatic habitat.

Operator Precautions

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-877-371-BASF (2273) or obtain technical advice from the distributor or your provincial agricultural representative. Application of this specific product must meet and/or conform to the following:

Volume: Apply the recommended rate in a minimum spray volume of 11 - 22 litres of water per hectare.

For aerial application, an untreated border of 100 m must always be left around environmentally sensitive areas such as sloughs, streams, rivers, dugouts and wetlands. Spray only when winds are less than 8 km per hour. Use spray nozzle tips and spray pressure which provide small droplets. If the 100 m buffer zone cannot be maintained, then ground application must be followed and the 15 m setback observed.

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INTRODUCTION

RIPCORDER 400 EC Agricultural Insecticide is a highly active synthetic pyrethroid insecticide with low mammalian toxicity. It works by contact and stomach action. It is recommended for the control of many insects which attack fruit, vegetables, field crops and tobacco.

FIELD CROPS

DIRECTIONS FOR USE

For control of grasshoppers and flea beetles use a minimum of 110 litres of water per hectare. Use a spray pressure of 250 - 300 kPa.

CROP	INSECT	DOSAGE	USE INSTRUCTIONS
Wheat Barley Summer Fallow Roadsides Headlands Canola	Grasshoppers	50 - 70 mL/ha (one litre bottle treats 14.3 to 20 hectares) Use the lower rates for small grasshoppers (5 mm long) and when soil temperatures are cool (15° - 20°C)	<u>GROUND APPLICATION ONLY</u> Apply when insects or signs of insect damage first appear. Repeat treatment as necessary. Use the higher rate for older insects or severe infestations.
<p>Research clearly indicates that RIPCORDER 400 EC Agricultural Insecticide activity is inversely temperature dependent. Activity on grasshoppers is reduced as soil temperatures increase. Leave a 15 m buffer zone between sprayed area and any body of water.</p>			
<p><u>Grasshoppers</u></p> <p>Apply during early stage of insect development - up to the fourth instar (approximately 15 mm and before wing development).</p> <p><u>Temperature</u></p> <p>Avoid spraying when temperatures are above 25°C. Above 25°C delay spraying until evening.</p> <p>Critical temperatures often occur on light, sandy loam soils after June 10th and on heavy clay loam soils after June 15th.</p> <p>If these high temperatures continue for 2-4 days, the use of RIPCORDER 400 EC Agricultural Insecticide for grasshopper control should be discontinued.</p> <p><u>Note:</u> The above label directions are for grasshoppers only. No other insects have been identified that show this inverse temperature dependency.</p> <p>Allow 30 days between the last treatment and harvest for wheat. Allow 45 days for barley. Allow 30 days for rapeseed.</p>			

CROP	INSECT	DOSAGE	USE INSTRUCTIONS
Canola	Flea Beetles	50 mL/ha (one litre bottle treats 20 hectares)	<u>GROUND APPLICATION ONLY</u> Apply when insects or signs of insect feeding first appear. Repeat treatment as necessary. Use a minimum of 110 L of water per hectare.
Allow 30 days between the last treatment and harvest. Leave a 15 m buffer zone between sprayed area and any body of water.			
Canola	Bertha Armyworm	70 mL/ha for <u>ground</u> use (one litre bottle treats 14.3 hectares) 90 mL/ha for <u>aerial</u> use	<u>GROUND OR AERIAL APPLICATION</u> Apply when insects or signs of insect feeding first appear or follow provincial authority's recommendations. For <u>ground</u> equipment use a minimum of 110 litres of water per hectare. Repeat treatment if needed. For <u>aerial</u> application, use a minimum of 11-22 L of water/ha. One aerial application per year. Follow "Special Instructions for Aerial Use" maintaining a 100 m setback.
Allow 30 days between the last treatment and harvest.			
Sunflowers	Sunflower Beetle Sunflower Seed Weevil	70 mL/ha (one litre bottle treats 14.3 hectares)	<u>GROUND OR AERIAL APPLICATION</u> Apply when insects or signs of insect feeding first appear. For <u>ground</u> equipment use a minimum of 110 litres of water per hectare. A second treatment may be required after 5 days. For <u>aerial</u> application use a minimum of 11-22 L of water per ha. One aerial application per season. Follow "Special Instructions for Aerial Use" maintaining a 100 m setback.
Allow 70 days between the last treatment and harvest.			

VEGETABLE CROPS

DIRECTIONS FOR USE

CROP	INSECT	DOSAGE	USE INSTRUCTIONS
Corn	Corn borer Corn Earworm	175 mL/ha (one litre bottle treats 5.7 hectares)	<p><u>GROUND APPLICATION</u> For control of corn borer, apply when egg masses begin to hatch but no later than when first feeding is seen on foliage. For second brood borers in late planting, apply before tassels show. For control of corn earworm, spray directly to ensure good coverage of ears and silks. Use 300-500 L water per hectare. Consult provincial recommendations for timing and number of repeat applications. Maximum 3 ground applications per year.</p> <p><u>AERIAL APPLICATION</u> Apply twice per season by air if required using a minimum of 11 - 22 L of water/ha. Follow "Special Instructions for Aerial Use". Observe 100 m setback.</p>
Allow 5 days between the last treatment and harvest.			
Asparagus	Asparagus Beetle	86 mL/ha	<p><u>GROUND APPLICATION ONLY</u> Apply RIPCORDER 400 EC Agricultural Insecticide to spears and ferns when insects are first observed. Repeat as required.</p>
Allow 1 day between the last treatment and harvest.			
Celery	Potato Leafhopper	86 mL/ha	<p><u>GROUND APPLICATION ONLY</u> Apply RIPCORDER 400 EC Agricultural Insecticide in 500 L of water per hectare when insects are first noticed. Repeat as required up to 3 applications per season.</p>
Allow 7 days between the last treatment and harvest.			
Cole Crops (such as cabbage, cauliflower, broccoli and Brussels sprouts)	Imported Cabbage Worm Cabbage Looper Diamond-back Moth Larvae Flea Beetles Thrips	87.5 - 125 mL/ha (one litre bottle treats 8 to 11.4 hectares)	<p><u>GROUND APPLICATION ONLY</u> Begin treatment when insects or signs of insect feeding appear. Repeat every 10 - 14 days if necessary, up to 3 applications per season. For caterpillars, use the high rate if larvae are large (greater than 2 cm). Use 300 - 500 L of water per hectare. DO NOT use on muck soils.</p>
Allow 3 days between the last treatment and harvest.			

CROP	INSECT	DOSAGE	USE INSTRUCTIONS
Carrot	Carrot Rust Fly	175 mL/ha	<u>GROUND APPLICATION ONLY</u> For control of carrot rust fly, apply 175 mL of product per hectare in 550 L of water when insect monitoring indicates that the treatment threshold is exceeded or at the recommendation of local agricultural authorities based on insect monitoring. Do not apply more than 3 times per season.
Allow 35 days between the last treatment and harvest.			
Lettuce	Aster Leafhopper	125 mL/ha	For control of aster leafhopper (a vector for aster yellows virus), apply up to 4 applications of RIPCORD 400 EC Agricultural Insecticide at 7 - 14 day intervals, beginning when damage or insects are first noticed.
Allow 14 days between the last treatment and harvest.			
Onions Windrow onions	Onion Maggot Flies Thrips	175 mL/ha (one litre bottle treats 5.7 hectares)	<u>GROUND APPLICATION ONLY</u> For control of flies after a granule material has been used. Apply RIPCORD 400 EC Agricultural Insecticide every 7 to 10 days as necessary, up to 3 applications per season. Use a minimum of 110 L of water per hectare. Certain regions have provincial monitoring programs to assist growers in timing applications. For Thrips – Apply at 10-day intervals as advised by local agricultural authorities, up to 3 applications per season.
Allow 3 days between the last treatment and harvest. (Removal from field).			
Potatoes	Colorado Potato Beetle Flea Beetles Leafhoppers Tarnished Plant Bug	62.5 - 125 mL/ha (one litre bottle treats 8 to 16 hectares) 125 mL/ha (one litre bottle treats 8 hectares)	<u>GROUND APPLICATION</u> Apply when insects or signs of insect feeding appear. Repeat at 10 -12 day intervals if needed. Use the high rate for severe infestations and for control of tarnished plant bug. Use 300 - 500 L of water per hectare. <u>AERIAL APPLICATION</u> Apply twice per season by air if required, using a minimum of 11- 22 L of water/ha. Follow "Special Instructions for Aerial Use". Observe 100 m setback between treated crop and any body of water.
Allow 7 days between the last treatment and harvest.			

CROP	INSECT	DOSAGE	USE INSTRUCTIONS
Rutabagas and Turnips	Crucifer Flea Beetle	123 mL/ha (one litre bottle treats 8 hectares)	<u>GROUND APPLICATION ONLY</u> Apply when insects appear. Repeat as required.
Allow 21 days between the last treatment and harvest. Roots and tops may be fed to lactating dairy animals after the spray/harvest interval.			
Tomatoes	Colorado Potato Beetle Potato Flea Beetle Potato Leaf Hopper	85 mL/ha	Apply when first signs of insects appear and damage is visible. Repeat as required.
Allow 3 days between the last treatment and harvest.			
Evening Primrose	Seed Weevil Tarnished Plant Bug and <i>Microlepi-doptera</i> spp.	175 mL/ha (one litre bottle treats 5.7 hectares)	<u>GROUND APPLICATION ONLY</u> Apply at 2 to 3 week intervals when an insect population reaches an economic (significant) level. Apply a maximum of 3 applications per year. Use a minimum of 300 L of water per hectare.
Conifer Seedling (Nursery)	Tarnished Plant Bug (<i>Lygus</i> spp.)	172 mL/ha	Apply in sufficient water for good coverage. Maximum of 3 applications per growing season. NOT FOR GREENHOUSE USE. Do not apply using back pack sprayers. Do not apply before stock thinning.

TOBACCO

DIRECTIONS FOR USE

Ground Application Only

For control of dark-sided cutworm and white cutworm in tobacco, apply RIPCORDER 400 EC Agricultural Insecticide in 200 - 500 L of water per hectare using a spray pressure of 175 – 300 kPa.

CROP	INSECT	DOSAGE	USE INSTRUCTIONS
Cover Crop	Cutworms**	Apply once at 90 mL per hectare (One litre will treat 11.1 hectares)	For best results spray on a warm evening about 5 days before plough down.
Preplant Soil Treatment	Cutworms**	Under normal soil moisture condition apply once at 175 mL per hectare (One litre will treat 5.7 hectares.) Under very dry soil conditions, apply once at 350 mL per hectare. (One litre will treat 2.9 hectares.)	Spray under warm, moist conditions no less than 5 days prior to transplanting tobacco. Do not disturb the soil surface for at least 5 days following treatment, since mixing with the soil will de-activate the material.
Post-Transplanting Treatment	Cutworms**	Apply once at 175 mL per hectare to transplants	Apply as soon as cutworms appear.
Greenhouse Treatment	Greenhouse Cutworms**	Use 3 mL per 15 L of water	To control cutworms that feed on transplants, use 3 mL of RIPCORD 400 EC Agricultural Insecticide once in 15 L of water per 100 square metres.
Allow 60 days between the last treatment and harvest.			
Field applications should be made to fence rows and a 15 m strip into adjacent cover crops.			

NOTES FOR USE IN TOBACCO

** RIPCORD 400 EC Agricultural Insecticide is not very effective against cutworms that feed below the soil surface, e.g., the so-called sand-hill cutworm. These worms may be controlled, although usually after the damage is done.

Do not disturb the soil surface for at least 5 days following soil treatment.

CUTWORMS IN OTHER CROPS

DIRECTIONS FOR USE

Ground Application Only

Use 200 - 500 L of water per hectare using a spray pressure of 175 - 300 kPa.

CROP	INSECT	DOSAGE	USE INSTRUCTIONS
For seedling or transplants of lettuce, Carrots Onions Cole crops (such as cabbage, cauliflower, broccoli, and Brussels sprouts) Potatoes Corn Wheat Barley	<u>Cutworms</u> - black, white, darksided, redbacked, army and pale western	175 mL/ha when cutworms or signs of cutworm feeding appear (One litre treats 5.7 hectares)	Spray under warm moist conditions and do not disturb the soil surface for at least 5 days. Applications may be made to adjacent fence rows, but do not allow drift to contaminate adjacent crops.
Allow 21 days between last treatment and harvest.			
Potatoes	Variegated (climbing cutworms)	175 mL/ha (one litre treats 5.7 hectares)	Apply when cutworms or signs of cutworm feeding appear. Ensure good penetration of dense foliage.
Allow 7 days between last treatment and harvest.			

Note: RIPCORD 400 EC Agricultural Insecticide will only control climbing cutworms or cutworms which surface to feed.

FRUIT CROPS

DIRECTIONS FOR USE

Ground Application Only

RIPCORD 400 EC Agricultural Insecticide may be applied 2 to 3 times per season for orchard use. Consult provincial spray calendars for timing.

Note: This product is toxic to predacious mites and other beneficial predacious arthropods. Use with caution in orchards where integrated pest management principles are in effect.

CROP	INSECT	DOSAGE	USE INSTRUCTIONS
Apples	Tentiform Leafminer	250 mL/ha (75 mL/1000 L of water)	<u>First Generation:</u> Adults - Apply when adults are present at the tight cluster to pink-bud stages. <u>Later Generations:</u> Adults - Apply when miners are seen on the leaves and moths are abundant.
	Pale Apple Leafroller Eyespotted Bud Moth	250 mL/ha (75 mL/ 1000 L of water)	Apply when caterpillars or signs of feeding first appear.
	Winter Moth (Nova Scotia only)	125 - 250 mL/ha (37.5 - 75 mL/1000 L of water) <u>OR</u> 12.5 mL/ha RIPCORDER 400 EC Agricultural Insecticide (4.0 mL/ 1000 L of water) + 560 g/ha DIPEL® WP (180 g/1000 L of water)	Apply at the tight cluster to pink bud stages. <u>ONLY ONE APPLICATION PER YEAR</u> Apply pre-bloom, at 1.3 cm green to pink stage using an air-blast sprayer. This tank-mix also requires a sticker/spreader to ensure good coverage of the foliage by DIPEL <u>NOTE: THIS TANK-MIX IS FOR CONTROL OF WINTER MOTH IN NOVA SCOTIA ONLY.</u>
	Green Fruit Worm	250 mL/ha (75 mL/1000 L of water)	Apply at the pink-bud or calyx stage.
	Tarnished Plant Bug	250 mL/ha (75 mL/1000 L of water)	Apply pre-bloom and/or at calyx.
	Plum Curculio Mullein Bug Apple Brown Bug and White Apple Leafhopper Apple Leafcurling Midge	250 mL/ha (75 mL/1000 L of water)	Apply at the calyx stage if necessary.
	Codling Moth Apple Maggot	250 mL/ha (75 mL/1000 L of water)	Apply as necessary. Consult provincial recommendations for timing.
	Allow 7 days between last treatment and harvest. Leave a 15 m buffer zone between sprayed area and any body of water.		

CROP	INSECT	DOSAGE	USE INSTRUCTIONS
Peaches, Nectarines	Oriental Fruit Moth Tarnished Plant Bug Oak Plant Bug	175 mL/ha (52.5 mL/1000 L of water)	Apply at 175 mL/ha with 550 L of water per hectare. Do not apply more than 2 applications per season.
Allow 7 days between last treatment and harvest. Leave a 15 m buffer zone between sprayed area and any body of water			
Pears	Pear Psylla Over-Wintering Adults (B.C. only)	250 mL/ha (75 mL/1000 L of water)	Begin treatment when overwintering densities are highest. This usually occurs from silver tip to green tip. <u>Nymphs and Adults</u> Follow calendar recommendations. Apply when these first appear. RIPCORD 400 EC Agricultural Insecticide does not control the hard shell of Pear Psylla.
	Pear Psylla Nymphs and Adults (Eastern Canada)	175 mL/ha (52.5 mL/ 1000 L of water)	Follow spray calendar recommendations when pest first appears.
	Plum Curculio Green Fruit Worm Tarnished Plant Bug and Leafrollers	250 mL/ha (75 mL/1000 L of water)	Apply as necessary following provincial recommendations.
	Codling Moth	250 mL/ha (75 mL/1000 L of water)	Apply when necessary. Consult provincial recommendations for timing.
Allow 7 days between last treatment and harvest. Do not apply more than two treatments/season due to possible mite buildup. Leave a 15 m buffer zone between sprayed area and any body of water.			
Strawberries	Tarnished Plant Bug	250 mL/ha (one litre bottle treats 4 hectares)	<u>GROUND APPLICATION ONLY</u> Apply at early bloom (approximately 10%) and repeat in 10 to 12 days at the end of full bloom. Use 300 - 500 L of water per hectare.
	Strawberry (clipper) Weevil	175 mL/ha (one litre bottle treats 5.7 hectares)	
	Meadow Spittlebug	175 mL/ha (one litre bottle treats 5.7 hectares)	Apply when first buds show white. Do not exceed 3 applications per season.
Allow 7 days between last treatment and harvest. Leave a 15 m buffer zone between sprayed area and any body of water.			

CROP	INSECT	DOSAGE	USE INSTRUCTIONS
Grapes	Multicolored Asian lady beetle	150 mL/ha	GROUND APPLICATION ONLY (foliar spray using airblast equipment) Apply in no less than 400 L water per hectare. Ensure enough water volume is used to provide thorough coverage of grapevine foliage. Apply prior to harvest when treatment thresholds have been reached, as determined by local monitoring. Consult local spray calendars or extension specialists for timing. Repeat application if required.
	Yellow jacket wasps		
<p>DO NOT USE ON TABLE GRAPES. For hand harvest, a maximum of 2 applications are permitted with a pre-harvest interval of 7 days. For mechanical harvest, a maximum of 3 applications are permitted with a pre-harvest interval of 2 days. Not all grape varieties have been tested. A small area should be treated before widespread sprays are applied. Leave a 15-metre buffer zone between sprayed area and any body of water.</p>			

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that RIPCORD 400 EC Agricultural Insecticide contains a Group 3 insecticide. Any insect population may contain individuals naturally resistant to RIPCORD 400 EC Agricultural Insecticide and other Group 3 insecticides. The resistant individuals may dominate the insect population if this group of insecticides is used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance:

- Where possible, rotate the use of RIPCORD 400 EC Agricultural Insecticide or other Group 3 insecticides with different groups that control the same pests in a field.
- Use tank mixtures with insecticides from a different group when such use is permitted.
- Insecticide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.
- Monitor treated pest populations for resistance development.

- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance, contact BASF at 1-877-371-2273.