

# RAMPART 10-G

## (24/48 MESH)

### SOIL AND SYSTEMIC INSECTICIDE

**ACTIVE INGREDIENT:**

Phorate O,O-Diethyl S-(ethylthio) methyl  
phosphorodithioate

10%

**INERT INGREDIENTS:**

90%

TOTAL

100%

NET WEIGHT \_\_\_\_\_  
EPA REG. NO. 2749-121

**ACCEPTED**

FEB 7 1973

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTER-  
ED UNDER NO. 2749-121 SUBJECT  
TO ATTACHED COMMENTS.

DANGER

POISON



POISON

**DANGER:** KEEP OUT OF THE REACH OF CHILDREN.

POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. DO NOT GET IN EYES, ON SKIN OR CLOTHING. RAPIDLY ABSORBED THROUGH SKIN. USE WITH ADEQUATE VENTILATION. WEAR PROTECTIVE CLOTHING AND WEAR A RESPIRATOR THAT IS APPROVED BY THE U.S. BUREAU OF MINES. INHALATION OR SKIN CONTACT MAY WITH SYMPTOMS PROGRESSIVELY INCREASE SUSCEPTIBILITY TO POISONING. LAUNDRER CLOTHING BEFORE REUSE. WASH THOROUGHLY WITH SOAP AND WATER BEFORE EATING OR SMOKING. WHILE EMPTYING BAGS INTO EQUIPMENT, POUR DOWNWARD AND ALLOW AS LITTLE FREE FALL AS POSSIBLE. DO NOT POUR AT FACE LEVEL AND DO NOT ALLOW DUST TO REACH BREATHING ZONE.

IN CASE OF CONTACT, FLUSH WITH PLENTY OF WATER. CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED POISONING.

NOTE TO PHYSICIAN: ATROPINE IS ANTIDOTE. 2-PAM IS ALSO ANTIDOTAL AND MAY BE ADMINISTERED IN CONJUNCTION WITH ATROPINE. WARNING SYMPTOMS INCLUDE WEAKNESS, HEADACHE, TIGHTNESS IN CHEST, BLURRED VISION, NON-REACTIVE PUPILS, SALIVATION, SWEATING, NAUSEA,

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KEEP AWAY FROM DOMESTIC ANIMALS AND FOODSTUFFS. DO NOT STORE NEAR FERTILIZERS, SEEDS OR PESTICIDES.

THIS PRODUCT IS TOXIC TO FISH, BIRDS, AND OTHER WILDLIFE. KEEP OUT OF LAKES, STREAMS, OR PONDS. DO NOT APPLY WHERE RUNOFF IS LIKELY TO OCCUR. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT FROM AREAS TREATED. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT, OR DISPOSAL OF WASTES. APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.

DO NOT REUSE EMPTY CONTAINER. DESTROY EMPTY CONTAINER BY PERFORATING OR CRUSHING AND BURYING IN A SAFE PLACE.

## **DIRECTIONS FOR USE**

Apply with a properly calibrated granular pesticide applicator.

<b>Crop</b>	<b>Pests Controlled</b>	<b>Rate RAMPART 10-G</b>	<b>Application</b>	<b>Remarks</b>
<b>ALFALFA</b>	<b><u>Alfalfa weevil larvae</u></b>	15 to 20 lbs. per acre	Broadcast the granules evenly over the field in the spring when first growth starts.	Do not feed or graze within 35 days after treatment. A topical spray of malathion may be necessary if late infestations of weevil occur. Consult your state agricultural experiment station or state agricultural extension service for proper dosage rates.

Crop	Pests Controlled	Rate RAMPART 10-G	Application	Remarks
<b>BARLEY</b> (Irrigated Barley only)	<u>Aphids</u>	10 lbs. per acre	Broadcast the granules evenly over the field when aphids first appear using air or ground equipment	Irrigate soon after treatment. Do not apply within 60 days of harvest. Do not allow livestock to graze treated barley.
<b>BEANS</b>	<u>Mexican bean beetles</u>  <u>Leafhoppers, aphids, Voles bugs, thrips, mites and seed-corn maggots</u>	10 to 20 lbs. per acre (30-inch row spacing) or 9 to 19 ozs. per 1000 ft. of row for any row spacing (minimum 30-inch spacing)  10 to 15 lbs. per acre (30-inch row spacing) or 9 to 14 ozs. per 1000 ft. of row for any row spacing (minimum 30-inch spacing)	Distribute the granules evenly in the row to the side of the seed at planting time.  Do not place RAMPART 10-G in direct contact with the seed.	Do not feed the foliage of treated beans within 60 days of treatment.
<b>FIELD and SWEET CORN:</b> At Planting Time	<u>Corn rootworms</u> <u>Mites</u> <u>Seed corn beetles*</u>	10 lbs. per acre (40-inch row spacing) or 12 ozs. per 1000 ft. of row for any row spacing (minimum 30-inch row spacing)	Place granules in a 7-inch band over the row directly behind the planter shoe in front of the press wheel.	Do not place RAMPART 10-G granules in direct contact with seed.  *On corn grown only in Iowa and Illinois.
After plant Emergence	<u>Corn rootworms</u>	10 lbs. per acre (40-inch row spacing) or 12 ozs. per 1000 ft. of row for any row spacing (minimum 30-inch row spacing)	Apply granules at time of cultivation in a band at base of plants just ahead of cultivator shovels so as to cover granules with soil. Apply in June as soon as root-worm activity is observed.	Do not make any later applications after plant emergence treatment.
<b>FIELD CORN:</b> After plant Emergence	<u>Corn leaf aphids</u> <u>Mites</u>	10 lbs. per acre (40-inch row spacing) or 12 ozs. per 1000 ft. of row for any row spacing (minimum 30-inch row spacing).	Apply granules into the whorl of the plant.	Do not graze or cut for forage within 30 days of treatment.
Prior to Tassel Emergence (Make only one application)	<u>European corn borer</u> (1st brood)**		Apply granules into the whorl of the plant.	Consult state experiment station or state extension service for proper timing of application.

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 FUNGICIDE AND RODENTICIDE ACT  
 FOR ECONOMIC POLYMER REGISTERED  
 UNDER NO. 2749-121

After plant Emergence	Corn rootworms	10 lbs. per acre (40-inch row spacing) or 12 ozs. per 1000 ft. of row for any row spacing (minimum 30-inch row spacing)	Apply granules at time of cultivation in a band at base of plants just ahead of cultivator shovels so as to cover granules with soil. Apply in June as soon as rootworm activity is observed.	Do not make any later applications after plant emergence treatment.
<b>FIELD CORN:</b> After plant Emergence	Corn leaf aphids Mites	10 lbs. per acre (40-inch row spacing) or 12 ozs. per 1000 ft. of row for any row spacing (minimum 30-inch row spacing).	Apply granules into the whorl of the plant.	Do not graze or cut for forage within 30 days of treatment.
Prior to Tassel Emergence (Make only one application after plant emergence)	European corn borer (1st brood)**		Apply granules into the whorl of the plant.	Consult state experiment station or state extension service for proper timing of application.  **On corn grown only in North Central States.
<b>COTTON:</b>  At Planting Time	Early season thrips, aphids, mites and leaf miners	5 lbs. per acre (40-inch row spacing) or 6 ozs. per 1000 ft. of row for any row spacing (minimum 36-inch spacing)	Distribute the granules evenly in the furrow at planting time. Soil temperature, moisture and tilth should be favorable for good germination and emergence.	Suggested for areas where a limited period of protection against early season pests is necessary for good cotton growth. Use 3-lbs. RAMPART 10-G per acre for hill-dropped cotton.
	Mites, thrips, aphids, black cutworms, leafhoppers, white flies and leaf miners	10 to 15 lbs. per acre (40-inch row spacing) or 12 to 18 ozs. per 1000 ft. of row for any row spacing (minimum 36-inch spacing)	Distribute the granules evenly in the furrow at planting time. Soil temperature, moisture and tilth should be favorable for good germination and emergence. Under adverse conditions plant stand may be affected.	Recommended for areas requiring an extended period of mite control as well as early season protection against other cotton pests. The higher rate is suggested for heavier soils.
<b>COTTON:</b> At side-Dressing Time (Irrigated cotton only)	Mites from spring to early summer	15 to 20 lbs. per acre (40-inch row spacing) or 18 to 24 ozs. per 1000 ft. of row for any row spacing (minimum 36-inch spacing)	Incorporate granules into soil as a side-dress application deep enough to avoid disturbance by future cultivations.	Irrigate as soon as possible after treatment. Do not apply later than 60 days before harvest.
<b>HOPS</b>	Aphids, mites	20 to 30 lbs. per acre.	Apply as a band over the row after crowns have begun to grow but before plants are too large. Water in or hill-over	Do not apply within 42 days of harvest. Do not feed crop refuse to livestock.

Crop	Pests Controlled	Rate RAMPART 10-G	Application	Remarks
<b>LETTUCE</b> (Grown in the North-eastern United States)	<u>Six-spotted leafhoppers</u> for reduction of lettuce yellows	10 lbs. per acre (20-inch row spacing) or 6 ozs. per 1000 ft. of row spacing (minimum 18-inch spacing)	Apply the granules in the fertilizer band on one or both sides of the row at seeding time or when plants are transplanted in the field.	Do not place RAMPART 10-G in direct contact with the seed. For best results seed should be treated with a fungicide in accordance with recommendations from your state experimental station or state extension service.
<b>PEANUTS:</b> At Planting Time	<u>Thrips, leafhoppers</u>	10 lbs. per acre (36-inch row spacing) or 11 ozs. per 1000 ft. of row for any row spacing (minimum 24-inch spacing)	Distribute the granules evenly in the furrow at planting time. For best results, plant peanuts when soil temperatures are favorable for establishing good peanut stands.	Do not graze or feed treated hay or forage.
	At Pegging Time	<u>Southern corn rootworms and leafhoppers</u>	20 lbs. per acre (36-inch row spacing) or 22 ozs. per 1000 ft. of row for any row spacing (minimum 24-inch spacing)	This treatment will also control late infestation of leafhoppers. Do not graze or feed treated hay or forage.
<b>POTATOES</b>	<u>Aphids, leafhoppers, leaf miners, psyllids, wireworms, flea beetle larvae and reduction of flea beetle larvae and reduction of flea beetle adults</u>	20 lbs. per acre - sandy or light soils (38-inch row spacing); 30 lbs. per acre - heavy silt or clay loam soils (38-inch row spacing) or 23 ozs. for sandy or light soils per 1000 ft. of row for any row spacing (minimum 32-inch spacing); 35 ozs. for heavy silt or clay loam soils per 1000 ft. of row for any row spacing (minimum 32-inch spacing)	Distribute the granules evenly in the furrow or granules may be banded on each side of the row at planting time.	Wait 90 days after treatment before harvesting potatoes.
<b>RICE</b> (Grown in Louisiana and Mississippi)	<u>Leafhoppers plant hoppers</u>	10 to 20 lbs. per acre	Apply the granules as a broadcast application by ground or air equipment.	Make no application later than 45 days of harvest. Do not make more than one application during season. Do not permit incidental harvest of crayfish or fish from treated rice fields.
<b>SORGHUM (MILO)</b> At Planting Time	<u>Aphids (greenbugs)</u>	10 lbs. per acre (on 40-inch row) or 12 oz. per 1000 ft. of row for	Place granules 2 inches to side and 1 inch below the seed at planting or as a 7-inch band over the	Do not place RAMPART 10-G in direct contact with the seed.

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 2/7/73  
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 FOR THE CONTROL OF PESTS  
 REGISTERED UNDER NO. 2749-121

		row spacing (minimum 32-inch spacing); 35 ozs. for heavy silt or clay loam soils per 1000 ft. of row for any row spacing (minimum 32-inch spacing)	2/7/73 UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDES ACT FOR ECONOMIC POISON REGISTERED UNDER NO. 2749-121	
<b>RICE</b> (Grown in Louisiana and Mississippi)	<u>Leafhoppers</u> <u>plant hoppers</u>	10 to 20 lbs. per acre	Apply the granules as a broadcast application by ground or air equipment.	Make no application later than 45 days of harvest. Do not make more than one application during season. Do not permit incidental harvest of crayfish or fish from treated rice fields.
<b>SORGHUM (MILO)</b> At Planting Time	<u>Aphids</u> (greenbugs)	10 lbs. per acre (on 40-inch row) or 12 oz. per 1000 ft. of row for any row spacing (minimum 30-inch spacing)	Place granules 2 inches to side and 1 inch below the seed at planting or as a 7-inch band over the row just prior to press wheel.	Do not place RAMPART 10-G in direct contact with the seed.
<b>SORGHUM (MILO)</b>	<u>Aphids</u> (greenbugs)	10 lbs. per acre	Apply granules topically by air or ground equipment.	Do not apply within 28 days of harvest.
<b>SUGAR BEETS</b>	<u>Aphids, beet root maggots, leafhoppers, mites, leaf miners</u>	10 lbs. per acre (30-inch row spacing) or 9 ozs. per 1000 ft. of row for any row spacing (minimum 20-inch spacing)	Application should be made by drilling or broadcast at seeding time.	Do not place RAMPART 10-G in direct contact with the seed.  Do not apply within 30 days of harvest.
	<u>Aphids, mites</u>	10 to 15 lbs. per acre	Apply to foliage when plants are dry. Use the higher rate to dense foliage for good coverage.  Foliar application by air may be used for aphid control when wet soil prohibits ground application.	Do not feed sugar beet tops or silage to dairy cattle.  Consult your state experimental station or state extension service for proper timing of application in your area.
<b>SUGAR CANE</b> (Florida)	<u>Wireworms</u>	40 lbs. per acre	Apply in a 10 to 12 inch band directly on the seed piece and surrounding soil in the open furrow immediately before covering.	
<b>TOMATOES</b> (Grown in the Southeastern United States)	<u>Leaf miners</u>	20 lbs. per acre (38-inch row spacing) or 23 ozs. per 1000 ft. of row for any row spacing (minimum 38-inch spacing)	Apply the granules in the fertilizer band on either side of the row at seeding time or when plants are transplanted in the field.	Do not apply RAMPART 10-G directly to the seed.

Crop	Pests Controlled	Rate RAMPART 10-G	Application	Remarks
WHEAT	Grasshopper Aphids Hessian fly	10 lbs. per acre (8-inch row spacing) OR 2.5 oz. per 1000 ft. of row for any row spacing (minimum 8-inch spacing)	Apply the granules in the seed furrow at planting time.	Do not feed or graze foliage within 45 days of treatment. For aphid and grasshopper control use only in Western and North Central states.
ACCEPTED				
2/7/73				

UNDER THE FEDERAL INSECTICIDE ACT  
REGISTERED AND LISTED UNDER THE  
FEDERAL TOXIC SUBSTANCE CONTROL ACT  
EPA REG. NO. 2749-121

**ORNAMENTALS  
IMPORTANT**

**FOR USE ONLY BY PROFESSIONAL NURSERYMEN AND FLORISTS IN THE PRODUCTION OF COMMERCIALY-GROWN ORNAMENTALS.**

**WARNING**

**THIS PRODUCT IS NOT TO BE SOLD FOR HOMEOWNER USE. DO NOT USE IN AND ABOUT HOMES, ON HOUSE PLANTS, VEGETABLES, FLOWERS, TREES AND SHRUBS.**

**PRECAUTIONS WHEN USING RAMPART 10-G IN GREENHOUSES**

**WEAR A MASK OR RESPIRATOR OF A TYPE APPROVED BY THE U.S. DEPARTMENT OF AGRICULTURE FOR RAMPART 10-G PROTECTION AND CLEAN GLOVES (RUBBER OR CANVAS) WHEN APPLYING RAMPART 10-G.**

**WEAR CLEAN GLOVES (RUBBER OR CANVAS) WHEN HANDLING THE TREATED SOIL FOR A PERIOD OF ONE WEEK FOLLOWING APPLICATION.**

**DO NOT GROW EDIBLE CROPS ON RAMPART 10-G TREATED SOIL.**

Use On	Pests Controlled	Lbs. RAMPART 10-G per acre	Directions for Use
AZALEAS	Aphids, Leaf-hoppers, leaf miners, mites, stylet and meadow nematodes	80-160	Apply in spring as a side dress in the root zone area, or as a broadcast treatment over the plants. The heavier rate is necessary on soils high in organic matter. Water or irrigate immediately following treatment.
BIRCH - HOLLY - in nursery rows	Leaf miners	60	Incorporate granules into the soil as a side dress application to both sides of the row.
BIRCH Trees growing in clumps	Birch leaf miners	3 oz. for each inch of the diameter of the tree trunks measured at 2 ft. above soil line.	Distribute granules evenly under the tree canopy and work into the soil. Apply in early spring.
BOYWOOD	Aphids, leaf		

Use On	Pests Controlled	Lbs. RAMPART 10-G per acre	Directions for Use
<u>AZALEAS</u>	<u>Aphids</u> , <u>Leaf-hoppers</u> , <u>leaf miners</u> , <u>mites</u> , <u>stylet</u> and <u>meadow nematodes</u>	80-160	Apply in spring as a side dress in the root zone area, or as a broadcast treatment over the plants. The heavier rate is necessary on soils high in organic matter. Water or irrigate immediately following treatment.
<u>BIRCH</u> <u>HOLLY</u> in nursery rows	<u>Leaf miners</u>	60	Incorporate granules into the soil as a side dress application to both sides of the row.
<u>BIRCH</u>  Trees growing in clumps	<u>Birch leaf miners</u> ↙	3 oz. for each inch of the diameter of the tree trunks measured at 2 ft. above soil line.	Distribute granules evenly under the tree canopy and work into the soil. Apply in early spring.
<u>BOXWOOD</u>	<u>Aphids</u> , <u>leaf-hoppers</u> , <u>mites</u> , <u>meadow</u> and <u>pin nematodes</u>	80-160	Apply in spring as a side dress in the root zone area or as a broadcast treatment over the plants. The heavier rate is necessary on soils high in organic matter. Water or irrigate immediately following treatment.
	<u>Leaf miners</u>	60	Apply in spring as a side-dress in the root zone area or as a broadcast treatment over the plants. Water or irrigate immediately following treatment.
<u>CARNATIONS</u>	<u>Aphids</u> , <u>thrips</u>	50 (1 lb./1000 sq. ft.)	Apply the granules evenly to the soil surface and water in immediately. Repeat applications at 4-5 week intervals if necessary.
<u>CHRYSANTHEMUMS</u>	<u>Aphids</u> , <u>leaf-hoppers</u> , <u>mites</u>	200 (4½ lbs./1000 sq. ft.)	Apply the granules evenly to the soil surface and water in immediately. Repeat applications at 4-5 week intervals if necessary.
<u>DAHLIAS</u>	<u>Aphids</u> , <u>leaf-hoppers</u> , <u>mites</u>	160 (3¼ lbs./1000 sq. ft.)	Distribute the granules evenly on the soil surface and work into soil or apply as a side-dress application to both sides of the row. Apply soon after the plants are established.
<u>LILIES</u> (grown for bulb production)	<u>Aphids</u>	80	Apply the granules evenly in the furrow at planting time.
<u>LILIES</u> (grown for bulb production) Pacific Northwest)	<u>Root-lesion nematodes</u> , ↙ <u>Aphids</u>	160	Apply the granules evenly in the furrow at planting time. Apply ½ the material beneath or on the bulbs and the remainder added to the dirt layer above the bulbs.



Manufactured for:

**ACETO CHEMICAL CO., INC.**  
AGRICULTURAL CHEMICALS DIVISION

126-02 NORTHERN BOULEVARD, FLUSHING, N.Y. 11368