

### COMPOSITION

<b>ACTIVE INGREDIENTS:</b>	
1,2-Dibromo-3-chloropropane .....	48.5%
Other halogenated C, Compounds .....	1.5%
<b>INERT INGREDIENTS</b> .....	50.0%
	100.0%

DURHAM NEMATOCIDE GRANULES 50 IS FORMULATED TO BE USED ON MINERAL SOILS ONLY TO CONTROL CYST (SOYBEAN, GOLDEN TOBACCO, SUGAR BEET), ROOT KNOT, ROOT-LESION, OR MEADOW, BUD-RUING, CITRUS, STEM AND BULB, FREELIVING (STING, RING, AXL, SPIRAL, LANCE, PIN, SHEATH, STUBBY ROOT, STYLET, DAGGER), AND OTHER PLANT PARASITIC NEMATODES.

### DIRECTIONS

#### READ ALL LABEL DIRECTIONS BEFORE USING.

Lower dosages should be used in light sandy soil and higher dosages on heavier mineral soils or where deeper penetration is desired. Apply DURHAM NEMATOCIDE GRANULES 50 when soil temperatures at a depth of 10" are between 50° and 85° F. Soil should be in good tilth and contain enough moisture for good seed germination. Use adequate soil application equipment to give uniform distribution. **DO NOT TREAT EXTREMELY WET OR VERY DRY SOILS. TRASH IN THE SOIL SHOULD BE WELL DECOMPOSED BEFORE APPLICATION.**

#### PREPLANT TREATMENTS

**ROW:** Apply DURHAM NEMATOCIDE GRANULES 50 evenly over the row in a 12 inch band and immediately work thoroughly into soil to a depth of 3 to 6 inches—or apply with a fertilizer spreader used for side dressing crops, placing the Nematocide 6 to 8 inches deep in row planting. Take care to seal chisel channels with shovels or hillers that are forming the bed or a press wheel. Adjust chisels at same spacing as planter. Do not plant or disturb soil if pre-planting treatment is used for 7 to 14 days on shallow root crops, and 4 to 8 weeks for deep rooted crops. The dosage per acre for row treatment should be reduced from the overall dosage in proportion to the actual acreage treated. For row applications where two or more chisels are used per row apply at the same rate per chisel as overall.

**OVERALL:** Apply DURHAM NEMATOCIDE GRANULES 50 evenly with a grain drill or fertilizer drill in rows 12 inches apart at a depth of 6 to 8 inches. Take care to seal the chisel channels with a press wheel or drag. Do not plant or disturb soil if preplant treatment is used for 7 to 14 days on shallow rooted crops, and 4 to 8 weeks for deep rooted crops.

**POSTPLANT TREATMENT OF ANNUALS:** Apply DURHAM NEMATOCIDE GRANULES 50 as suggested in this label as a band or side dressing at least 6" deep, as close to the plant as possible without disturbing the roots. For treatment of trees, be sure to cover area where feeder roots are found.

**NOTICE:** Amvac Chemical Corporation makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on Amvac's label.

EPA REG. NO. 5481-104-AA-50824

NET CONTENTS:

# DURHAM NEMATOCIDE GRANULES 50

(Contains 50.0 lbs. Technical 1,2-Dibromo-3-Chloropropane Per 100 lbs.)

CROP		DOSAGE RATE	
	% Clay	Per Acre	
<b>BERRIES</b> Strawberries		17 to 52 lbs. per acre	Preplanting, at time of planting or postplanting, overall or row application. <b>DO NOT APPLY WITHIN 55 DAYS OF HARVEST.</b>
<b>CITRUS</b>			Recommended for application by chisel (See Directions for POSTPLANT TREATMENT OF ANNUALS). Preplant, at planting or postplanting application to new or established plantings. The dosage per acre for post plant treatment should be reduced from overall dosage in proportion to the actual area treated. Repeat as necessary for control, but no oftener than once every three years.
Application rate will vary with % clay in soil.	2%-3%	70 lbs.	
	4%-8%	104 lbs.	
	9%-13%	140 lbs.	
	15%-20%	170 lbs.	
	above 20%	Treatment not recommended	
<b>DECIDUOUS FRUIT</b> Apricots, Grapes, Nectarines, Peaches Cherries, Plums (Prunes)		70 to 170 lbs. per acre	Preplanting, at planting or postplanting application to new or established plantings, overall or row application.
		70 to 120 lbs. per acre	Preplanting, at planting or postplanting treatment. Do not exceed 3 lbs. per 1000 linear feet. <b>DO NOT APPLY WITHIN 30 DAYS OF HARVEST, OR MORE OFTEN THAN ONCE IN 3 YEARS.</b>
Figs		120 lbs. per acre	Preplanting, at time of planting, or postplanting overall or row application. For preplanting use wait 4 to 6 weeks before planting. <b>DO NOT APPLY WITHIN 30 DAYS OF HARVEST.</b>
<b>FIELD CROPS</b> Cotton		34 to 52 lbs. per acre	Preplant, at time of planting or postplanting, overall or row application.
<b>MELONS</b>		52 lbs. per acre	Preplant or at time of planting, overall or row application. (Row application use 18 lbs. per 8,712 l. ft. of row.)
<b>NUTS</b> English Walnuts		70 to 170 lbs. per acre	Preplanting, at time of planting, or postplanting overall or row application. For preplanting use wait 4 to 6 weeks before planting. <b>DO NOT APPLY WITHIN 30 DAYS OF HARVEST.</b>
Almonds		70 to 170 lbs. per acre	Preplanting, at planting, or postplanting treatment. Do not exceed 3.8 lbs. per 1000 linear feet. <b>DO NOT APPLY WITHIN 30 DAYS OF HARVEST.</b>
<b>PEANUTS</b>		34 to 52 lbs. per acre	Preplanting or at time of planting, overall or row application. <b>DO NOT FEED, SELL OR INTRODUCE INTO COMMERCE HAY OR HULLS TAKEN FROM TREATED SOIL.</b> Forage crops grown on treated soil should not be used as feed for dairy animals or animals being finished for slaughter until 2 years after row treatment or 3 years after overall treatment.
<b>PINEAPPLES</b>		70 to 276 lbs. per acre	Preplant or at time of planting application. Inject into soil at 5 to 8 inch depth and at least 6 inches to one side of plant line. <b>DO NOT APPLY WITHIN 270 DAYS OF HARVEST AND DO NOT EXCEED 276 LBS. ON A SINGLE YEAR IN ANY COMBINATION OF TREATMENTS.</b>
Postplant Inject as above			
<b>TUBES</b>		86 lbs. per acre	Preplant overall treatment.
<b>VEGETABLES</b> Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery (Field), Cucumbers, Eggplant, Okra, Parsnips, Radishes, Snap Beans, Squash, Turnips		34 to 48 lbs.	Preplanting, at time of planting, or postplanting, overall or row application. <b>DO NOT FEED VINES OF BEAN, OR CARROT, TURNIPS OR PARSNIP PLANT PARTS TO LIVESTOCK. DO NOT MAKE POST PLANT TREATMENTS ON CUCUMBERS.</b>
Tomatoes		26 to 52 lbs. per acre	Preplant overall treatment. Wait 7 to 14 days before planting.
Tomatoes—Direct seeded or transplant		13 to 34 lbs. per acre	Row treatment: Preplant at planting or postplanting for direct seeded tomatoes, or preplanting or time of planting for transplants. Set transplants 4 inches from injection furrows. Wait 7 to 14 days before planting on preplanting treatments
		13 to 26 lbs. per acre	Postplant treatment at least 4 inches from transplants.

### CAUTION

Treatment may temporarily raise the level of ammonia nitrogen and soluble salts in the soil. This is most likely to occur when heavy rates of fertilizer and nematocide are applied to cold, wet, acid or high in organic matter soils. To avoid root injury of ammonia sensitive plants plan your fertilization program based on nitrogen levels in the soil AFTER treatment with nematocide. It is suggested that on ammonia sensitive plants, fertilizers containing ammonium salts not be used until after the crop is well established and the soil temperature is above 65° F.

Certain crops such as cotton and pineapple are tolerant to ammonia and the above does not apply.

Liming highly acid soils before the use of Nematocide may reduce the possibility of ammonia or salt toxicity.

**NEMATOCIDE MAY BE USED ONLY FOR RECOMMENDED PURPOSES AND AT RECOMMENDED RATES. DO NOT OVERDOSE. NOT RECOMMENDED ON EXTREMELY HEAVY SOILS OR MUCK SOILS.**

### WARNING

**HARMFUL VAPOR. MAY BE FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. COMBUSTIBLE MIXTURE CAUSES SKIN IRRITATION AND BLISTERS ON PROLONGED CONTACT. CAUSES IRRITATION OF EYES, NOSE AND THROAT. MAY BE ABSORBED THROUGH SKIN.**

Do not reuse empty container. Destroy it by burying with waste or burning. Stay away from smoke or fumes.

Do not breathe vapor. Keep container closed. Do not get in eyes, on skin or on clothing. Do not take internally. Use only in a well-ventilated area. Wash thoroughly with soap and water after handling and before eating and smoking. Do not contaminate feed and foodstuffs. Do not contaminate irrigation water or water used for domestic purposes. Keep children and pets off treated area until this material has been washed into soil. Keep away from heat and open flame. Keep out of reach of children and animals. In case of contact with clothing, skin or eyes, remove contaminated shoes and clothing and wash skin with soap and water. Flush eyes with plenty of water for at least 15 minutes and get medical attention. Do not wear shoes or clothing until ABSOLUTELY FREE of all chemical odor. If illness results from inhalation, remove to fresh air and call a doctor. If swallowed, call a doctor. Induce vomiting by giving an emetic such as 2 tablespoonsful of table salt in a glass of warm water.

Not for use or storage in or around the home.

This product is toxic to wildlife. Birds feeding on treated areas may be killed.

KEEP AWAY FROM HEAT AND OPEN FLAME.

**AMVAC CHEMICAL CORPORATION**

LOS ANGELES, CALIFORNIA 90023

### WARNING!

**KEEP OUT OF REACH OF CHILDREN**

SEE ANTIDOTE STATEMENT AND OTHER WARNINGS ON THE SIDE PANEL.

