

TOBACCO, SUGAR BEET, ROOT KNOT, ROOT-LESION, OR MEADOW, BURROWING, CITRUS, STEM AND BULB, FREELIVING (STING, RING, AWL, 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 EM 8.6 FOR 8-24-0 FERTILIZER SOLUTION 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 injection 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 EM 8.6 FOR 8-24-0 FERTILIZER SOLUTION in rows to be planted at a depth of 6" to 8", taking care to seal the chisel channels with a press wheel. Adjust chisels at same spacing as planter. Do not plant or disturb soil if preplant treatment is used for 7 to 14 days on shallow root crops, and 4 to 8 weeks for deep rooted crops. Use one to three applicator chisels depending upon width of treated areas desired. One chisel will treat a 12 inch strip. Two chisels (spaced 12 inches apart) will treat a 24 inch strip. Dosage per acre in row treatment must be reduced from the over-all dosage in proportion to the actual area treated. For example, if a 24-inch wide strip were treated and the rows were 48 inches apart, then the dosage per acre for row treatment would be 1/2 the dosage per acre for over-all treatment.

OVERALL: Apply DURHAM NEMATOCIDE EM 8.6 FOR 8-24-0 FERTILIZER SOLUTION evenly in rows 12" apart at a depth of 6" to 8", taking care to seal channels with a drag or press wheel. 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 EM 8.6 FOR 8-24-0 FERTILIZER SOLUTION 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.

This product licensed for use according to methods of U.S. Patent No. 3049472.

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. 5481-148-AA

EPA Est. 5481-CA-1

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NET CONTENTS:

DIRECTIONS FOR APPLICATION

CROPS	GALLONS PER ACRE	TYPE OF TREATMENT
FIELD CROPS		
Cotton	1.0 to 2.0	Preplanting, at time of planting, or postplanting, row applications.
	1.5 to 3.0	Preplanting, or at time of planting over-all application.
Peanuts	2.0 to 3.0	Preplanting, either as an over-all or row treatment. See General Directions for calculation of row application according to time of planting in the row only. Restrictions concerning disposition of peanut hay and hulls: Any forage crop grown on soil treated with a bromide containing fumigant should not be used as a feed for dairy animals until two years after row treatments are made and three years following over-all treatment has been established by the U.S. Food & Drug Administration for residues of bromides in peanut kernels grown with NEMATOCIDE EM 8.6 for 8-24-0 Fertilizer Solution, the peanut hay and hulls will contain bromide residues not covered by this label. Do not feed, sell or otherwise introduce into commerce hay or hulls from treated soils.
Soybeans (in Southeastern States only)**	1.0 to 2.0	Preplanting or at time of planting, row application. Do not treat soils where soybean hay or forage will be used as a feed for dairy animals.*
	1.5 to 3.0	Preplanting or at time of planting, over-all application. Do not treat soils where soybean hay or forage will be used as a feed for dairy animals.*
*Soybean hay on treated soil may contain bromide residues greater than those resulting from natural sources. Accordingly, do not graze treated areas or feed soybean hay to meat animals. Do not sell such plant parts to another party or otherwise introduce into commerce.		
**Southeastern States include Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, South Carolina, Virginia, and the District of Columbia.		
VEGETABLE CROPS		
Snap beans, Cucumbers, Summer Squash, Carrots, Celery, Parsnips, Radishes and Turnips.	1.0 to 1.5	Preplanting, at planting or postplanting row application. Do not feed plant parts to livestock.
Cabbage, Cauliflower, Broccoli, Brussels Sprouts and Okra.	2.0 to 2.5	Preplanting, over-all application. Do not feed plant parts to livestock.
*Soybean hay on treated soil may contain bromide residues greater than those resulting from natural sources. Accordingly, do not graze treated areas or feed soybean hay to meat animals. Do not sell such plant parts to another party or otherwise introduce into commerce. Do not feed plant parts to livestock.		
Lettuce, Endive, Escarole	2.0 to 2.8	Preplanting, over-all application. Do not feed plant parts to livestock.
Melons	2.0	10-15 fl. ozs. per 1,000 linear feet of row, regardless of distance between rows. Preplanting or at planting application.
Tomatoes, Eggplants, Direct Seeded	0.66 to 1.0	Preplanting or at planting over-all application. Do not feed plant parts to livestock.
Tomatoes, Eggplants, Transplants	1.5 to 3.0	Preplanting, at planting or postplanting row application. Do not feed plant parts to livestock.
FRUIT AND NUT CROPS		
Bananas	2.0 to 10.0	Preplanting over-all application. Do not feed plant parts to livestock.
Grapes, Peaches, Apricots and Nectarines	4.0 to 10.0	Preplanting or at planting: Apply 4 cc under the seed piece. Postplanting: Apply 2 to 6 gallons per acre initially as with supplemental applications of 2 gallons per acre every 9 to 12 months.
Plums and Prunes, Cherries	4.0 to 7.0	Preplanting, at planting or postplanting application to new or established planting, over-all or row application.
Raspberries, Blackberries, Dewberries, Loganberries, Boysenberries	4.0 to 10.0	Preplanting, at planting or postplanting application to new or established planting, over-all or row application. Do not graze treated areas nor more often than once every three years.
Pineapple	4.0 to 16.0	Preplanting, at planting or postplanting to new or established plantings, over-all or row application. Allow at least 40 days between treatment and harvest.
	4.0 to 16.0	Preplanting or at planting. Apply 4 to 16 gallons per acre at a depth of 5 inches or more. Avoid placing the fumigant in the plant line.
Citrus Trees	8.0 to 12.0	Postplanting: Apply 4 to 16 gallons not less than 6 inches from the plant line at a depth of 5 inches or more if applied in irrigation water. Allow at least 270 days between last application and harvest. Do not apply more than once per acre in a single year in any combination of treatments.
Strawberries	1.0 to 1.5	Preplanting, at planting or postplanting, over-all or row by injection or in irrigation water. Do not apply more than once per acre.
	3.0	Preplanting or postplanting row application. Allow at least 55 days between treatment and harvest.
Figs	7.0	Preplanting, over-all application. Allow at least 55 days between treatment and harvest.
Walnuts, English	4.0	Preplant, at planting or postplant treatment. Do not apply within 30 days of harvest.
Almonds	4.0 to 10.0	Preplant, at planting or postplant. Allow at least 100 days between treatment and harvest.
TURF AND LAWN (For Professional Use Only)		
Turf grasses and lawns	5.0 to 10.0	Preplanting, at planting or postplanting application to new or established plantings, over-all or row application. Do not graze treated areas.
		Preplanting over-all application as a drench. Postplanting over-all application as a drench. Aerate before application if necessary. Repeat as necessary. Apply not more than 8 gallons per acre to bent grasses. Do not graze treated areas. Do not feed to livestock.

WARNING!

KEEP OUT OF REACH OF CHILDREN

SEE ANTIDOTE STATEMENT AND OTHER WARNINGS ON THE SIDE PANEL.

DURHAM NEMATOCIDE EM 8.6 FOR 8-24-0 FERTILIZER SOLUTION

(Contains 8.6 lbs. Technical 1,2-Dibromo-3-Chloropropane Per Gallon)

STORAGE PRECAUTION

Store in unopened containers in a cool place away from dwellings and out of reach of children and animals. May be corrosive to aluminum, magnesium and their alloys.

DIRECTIONS FOR APPLICATION

	GALLONS PER ACRE	TYPE OF TREATMENT
	1.0 to 2.0	Preplanting, at time of planting, or postplanting, row applications.
	1.5 to 3.0	Preplanting, or at time of planting over-all application.
	2.0 to 3.0	Preplanting, either as an over-all or row treatment. See General Directions for calculation of row application according to row width. At time of planting in the row only.
		Restrictions concerning disposition of peanut hay and hulls: Any forage crop grown on soil treated with a bromide containing fumigant should not be used as a feed for dairy animals or animals being finished for slaughter until two years after row treatments are made and three years following over-all treatment. Although a safe tolerance has been established by the U.S. Food & Drug Administration for residues of bromides in peanut kernels grown on soil fumigated with NEMATOCIDE EM 8.6 for 8-24-0 Fertilizer Solution, the peanut hay and hulls will contain bromide residues not covered by a tolerance. Do not feed, sell or otherwise introduce into commerce hay or hulls from treated soils.
eastern	1.0 to 2.0	Preplanting or at time of planting, row application. Do not treat soils where soybean hay or forage will be used as feed for meat or dairy animals.*
	1.5 to 3.0	Preplanting or at time of planting, over-all application. Do not treat soils where soybean hay or forage will be used as feed for meat or dairy animals.*
		treated soil may contain bromide residues greater than those resulting from natural sources. Accordingly, do not graze treated areas or feed soybean hay to meat or dairy animals. Plant parts to another party or otherwise introduce into commerce. States include Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, South Carolina, Virginia, and the southern third of Tennessee.
beans, mung beans, cowpeas, soybeans, vetches, alfalfa, clovers, sorghums, millets, and other legumes and cereals	1.0 to 1.5	Preplanting, at planting or postplanting row application. Do not feed plant parts to livestock.
corn, sorghum, and other cereals	2.0 to 2.5	Preplanting, over-all application. Do not feed plant parts to livestock.
		treated soil may contain bromide residues greater than those resulting from natural sources. Accordingly, do not graze treated areas or feed soybean hay to meat or dairy animals. Plant parts to another party or otherwise introduce into commerce. Do not feed plant parts to livestock.
carrots	2.0 to 2.8	Preplanting, over-all application. Do not feed plant parts to livestock.
	2.0	10-15 fl. ozs. per 1,000 linear feet of row, regardless of distance between rows. Preplanting or at planting application.
	2.0	Preplanting or at planting over-all application. Do not feed plant parts to livestock.
beans, peas, and other legumes	0.66 to 1.0	Preplanting, at planting or postplanting row application. Do not feed plant parts to livestock.
	1.5 to 3.0	Preplanting over-all application. Do not feed plant parts to livestock.
beans, peas, and other legumes	1.5	Preplanting over-all application. Do not feed plant parts to livestock.
peaches, nectarines, and other stone fruits	2.0 to 10.0	Preplanting or at planting: Apply 4 cc under the seed piece. Postplanting: Apply 2 to 6 gallons per acre initially as a row application with supplemental applications of 2 gallons per acre every 9 to 12 months.
peaches, nectarines, and other stone fruits	4.0 to 10.0	Preplanting, at planting or postplanting application to new or established planting, over-all or row application.
cherries	4.0 to 7.0	Preplanting, at planting or postplanting application to new or established planting, over-all or row application. Do not apply within 30 days of harvest nor more often than once every three years.
cherries, peaches, nectarines, and other stone fruits	4.0 to 10.0	Preplanting, at planting or postplanting to new or established plantings, over-all or row application. Allow at least 40 days between treatment and harvest.
	4.0 to 16.0	Preplanting or at planting. Apply 4 to 16 gallons per acre at a depth of 5 inches or more. Avoid placing the fumigant directly in the plant line.
	4.0 to 16.0	Postplanting: Apply 4 to 16 gallons not less than 6 inches from the plant line at a depth of 5 inches or more if applied directly to the soil, or in about 1/10 acre inch of irrigation water. Allow at least 270 days between last application and harvest. Do not exceed 16 gallons/acre in a single year in any combination of treatments.
	8.0 to 12.0	Preplanting, at planting or postplanting, over-all or row by injection or in irrigation water. Do not apply more than once every three years.
	1.0 to 1.5	Preplanting or postplanting row application. Allow at least 55 days between treatment and harvest.
	3.0	Preplanting, over-all application. Allow at least 55 days between treatment and harvest.
	7.0	Preplant, at planting or postplant treatment. Do not apply within 30 days of harvest.
	4.0	Preplant, at planting or postplant. Allow at least 100 days between treatment and harvest.
	4.0 to 10.0	Preplanting, at planting or postplanting application to new or established plantings, over-all or row application. Do not apply within 30 days of harvest.

MIXING DIRECTIONS: This solution can be used "as is" or can be mixed with 8-24-0 fertilizer solution.

NOTE: This is an emulsifiable concentrate and with proper agitation in the application tank may be diluted with 8-24-0 fertilized solution for chisel application.

USE THIS PRODUCT STRICTLY IN ACCORDANCE WITH DOSAGE DIRECTIONS STATED ON THIS LABEL. DO NOT ADJUST RATES OF APPLICATION IN ORDER TO MEET FERTILIZER REQUIREMENTS FOR YOUR SOIL.

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 LIQUID AND 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 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. 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 tablespoonful of table salt in a glass of warm water.

This product is toxic to wildlife. Birds and other wildlife in

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DIRECTIONS FOR APPLICATION

GALLONS PER ACRE	TYPE OF TREATMENT
1.0 to 2.0	Preplanting, at time of planting, or postplanting, row applications.
1.5 to 3.0	Preplanting, or at time of planting over-all application.
2.0 to 3.0	Preplanting, either as an over-all or row treatment. See General Directions for calculation of row application according to row width. At time of planting in the row only.
Restrictions concerning disposition of peanut hay and hulls: Any forage crop grown on soil treated with a bromide containing fumigant should not be used as a feed for dairy animals or animals being finished for slaughter until two years after row treatments are made and three years following over-all treatment. Although a safe tolerance has been established by the U.S. Food & Drug Administration for residues of bromides in peanut kernels grown on soil fumigated with NEMATOCIDE EM 8.6 for 8-24-0 Fertilizer Solution, the peanut hay and hulls will contain bromide residues not covered by a tolerance. Do not feed, sell or otherwise introduce into commerce hay or hulls from treated soils.	
1.0 to 2.0	Preplanting or at time of planting, row application. Do not treat soils where soybean hay or forage will be used as feed for meat or dairy animals.*
1.5 to 3.0	Preplanting or at time of planting, over-all application. Do not treat soils where soybean hay or forage will be used as feed for meat or dairy animals.*
Treated soil may contain bromide residues greater than those resulting from natural sources. Accordingly, do not graze treated areas or feed soybean hay to meat or dairy animals. Do not plant parts to another party or otherwise introduce into commerce. States include Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, South Carolina, Virginia, and the southern third of Tennessee and Tenn.	
1.0 to 1.5	Preplanting, at planting or postplanting row application. Do not feed plant parts to livestock.
2.0 to 2.5	Preplanting, over-all application. Do not feed plant parts to livestock.
Treated soil may contain bromide residues greater than those resulting from natural sources. Accordingly, do not graze treated areas or feed soybean hay to meat or dairy animals. Do not plant parts to another party or otherwise introduce into commerce.	
2.0 to 2.8	Preplanting, over-all application. Do not feed plant parts to livestock. 10-15 fl. ozs. per 1,000 linear feet of row, regardless of distance between rows. Preplanting or at planting application.
2.0	Preplanting or at planting over-all application. Do not feed plant parts to livestock.
0.66 to 1.0	Preplanting, at planting or postplanting row application. Do not feed plant parts to livestock.
1.5 to 3.0	Preplanting over-all application. Do not feed plant parts to livestock.
1.5	Preplanting over-all application. Do not feed plant parts to livestock.
2.0 to 10.0	Preplanting or at planting: Apply 4 cc under the seed piece. Postplanting: Apply 2 to 6 gallons per acre initially as a row application with supplemental applications of 2 gallons per acre every 9 to 12 months.
4.0 to 10.0	Preplanting, at planting or postplanting application to new or established planting, over-all or row application.
4.0 to 7.0	Preplanting, at planting or postplanting application to new or established planting, over-all or row application. Do not apply within 30 days of harvest nor more often than once every three years.
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7.0	Preplant, at planting or postplant treatment. Do not apply within 30 days of harvest.
4.0	Preplant, at planting or postplant. Allow at least 100 days between treatment and harvest.
4.0 to 10.0	Preplanting, at planting or postplanting application to new or established plantings, over-all or row application. Do not apply within 30 days of harvest.
5.0 to 10.0	Preplanting over-all application as a drench. Postplanting over-all application as a drench. Aerate before application for better penetration. Repeat as necessary. Apply not more than 8 gallons per acre to bent grasses. Do not graze treated areas. Do not feed clippings to livestock.

WARNING!

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APPLICATION IN ORDER TO MEET FERTILIZER REQUIREMENTS FOR YOUR SOIL.

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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. 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 tablespoonful of table salt in a glass of warm water.

This product is toxic to wildlife. Birds and other wildlife in treated areas may be killed. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Do Not Use, Pour, Spill, or Store Near Heat or Open Flame. Do not reuse empty drum. Return to drum conditioner or destroy by perforating or crushing or burying in a safe place.

AMVAC CHEMICAL CORPORATION
Los Angeles, Calif. 90023