

COMPOSITION

ACTIVE INGREDIENTS:		
1,2-Dibromo-3-chloropropane	67.5%	
Other halogenated C ₃ Compounds	2.5%	
INERT INGREDIENTS:		
.....	30.0%	
	100.0%	

DURHAM NEMATOCIDE PRODUCTS ARE FORMULATED TO BE USED ON MINERAL SOILS ONLY TO CONTROL CYSTS (SOYBEAN, GOLDEN 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 AQUA AMMONIA 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 AQUA AMMONIA 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 area 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 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 AQUA AMMONIA 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 AQUA AMMONIA 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. Seal chisel channels immediately. 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.

DURHAM NEMATOCIDE EM 8.6 FOR AQUA AMMONIA

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

STORAGE PRECAUTIONS

Store in tightly closed containers in a cool place away from dwellings and out of reach of children and animals.

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 application.
	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 application of row application according to type of treatment.
		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 treatments are made and three years following over-all treatments are made. Tolerance has been established by the U.S. Food & Drug Administration for residues of bromides in peanut kernels grown with NEMATOCIDE EM 8.6 for Aqua Ammonia, the peanut hay and hulls will contain bromide residues not covered by this tolerance. Do not feed such plant parts to another party or otherwise introduce into commerce.
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 over-all application. Do not feed plant parts to livestock.
Tomatoes, Eggplants, Transplants	1.5	Preplanting over-all application. Do not feed plant parts to livestock.
FRUIT AND NUT CROPS		
Bananas	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 and with supplemental applications of 2 gallons per acre every 9 to 12 months.
Grapes, Peaches, Apricots and Nectarines	4.0 to 10.0	Preplanting, at planting or postplanting application to new or established planting, over-all or row application.
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. Do not apply more than once every three years.
Raspberries, Blackberries, Dewberries, Loganberries, Boysenberries	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.
Pineapple	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.
	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 in about 1/10 acre inch of irrigation water. Allow at least 270 days between last application and harvest. Do not apply more than once in a single year in any combination of treatments.
Citrus Trees	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 in a single year.
Strawberries	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.
Figs	7.0	Preplant, at planting or postplant treatment. Do not apply within 30 days of harvest.
Walnut, English	4.0	Preplant, at planting or postplant. Allow at least 100 days between treatment and harvest.
Almonds	4.0 to 10.0	Preplanting, at planting or postplanting application to new or established plantings, over-all or row application. Do not apply more than once every three years.
TURF AND LAWN (For Professional Use Only)		
Turf grasses and lawns	5.0 to 10.0	Preplanting over-all application as a drench. Postplanting over-all application as a drench. Aerate before application. Repeat as necessary. Apply not more than 8 gallons per acre to bent grasses. Do not graze treated areas. Do not apply to lawns.

COMPOSITION

ACTIVE INGREDIENTS:	
1,2-Dibromo-3-chloropropane	87.5%
Other halogenated C, Compounds	2.5%
INERT INGREDIENTS:	30.0%
	100.0%

DURHAM NEMATOCIDE PRODUCTS ARE FORMULATED TO BE USED ON MINERAL SOILS ONLY TO CONTROL CYSTS (SOYBEAN, GOLDEN 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.

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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 tightly closed 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

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 row spacing. 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 treatments are made. If tolerance 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 tolerance. 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, Illinois and Missouri and Tenn.		
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.
	1.5 to 3.0	Preplanting, at planting or postplanting row application. Do not feed plant parts to livestock.
Tomatoes, Eggplants, Transplants	1.5	Preplanting over-all application. Do not feed plant parts to livestock.
FRUIT AND NUT CROPS		
Bananas	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 drench with supplemental applications of 2 gallons per acre every 9 to 12 months.
Grapes, Peaches, Apricots and Nectarines	4.0 to 10.0	Preplanting, at planting or postplanting application to new or established planting, over-all or row application.
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. Do not graze treated areas nor more often than once every three years.
Raspberries, Blackberries, Dewberries, Loganberries, Boysenberries	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.
Pineapple	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.
	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 to soil, or in about 1/10 acre inch of irrigation water. Allow at least 270 days between last application and harvest. Do not graze treated areas in a single year in any combination of treatments.
Citrus Trees	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 per year.
Strawberries	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.
Figs	7.0	Preplant, at planting or postplant treatment. Do not apply within 30 days of harvest.
Walnuts, English	4.0	Preplant, at planting or postplant. Allow at least 100 days between treatment and harvest.
Almonds	4.0 to 10.0	Preplanting, at planting or postplanting application to new or established plantings, over-all or row application. Do not graze treated areas nor more often than once every 30 days of harvest.
TURF AND LAWN (For Professional Use Only)		
Turf grasses and lawns	5.0 to 10.0	Preplanting over-all application as a drench. Postplanting over-all application as a drench. Aerate before application. Repeat as necessary. Apply not more than 8 gallons per acre to bent grasses. Do not graze treated areas. Do not feed to livestock.