

COMPOSITION

ACTIVE INGREDIENTS:

Sodium Salt of Dalapon (2,2-Dichloropropionic Acid) 85.0%
Dalapon (2,2-Dichloropropionic Acid) Equivalent 7.4%

INERT INGREDIENTS

15.0%
Total 100.0%

WARNING

KEEP AWAY FROM DOMESTIC ANIMALS AND FOODSTUFFS

Causes eye irritation. May cause skin irritation. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. In case of contact, flush eyes with plenty of water for at least 15 minutes and get medical attention. For skin, remove contaminated clothing and wash skin with plenty of water. Wash clothing before reuse.

WARNING

DURHAM DURAPON in the soil may inhibit seed germination and plant growth for 30 days or more, depending on dosage applied, soil type, temperature, and amount of soil moisture and rainfall. Accordingly, on land to be planted to sensitive crops such as small grains, corn or beans delay planting for at least 30 days after plowing areas sprayed with **DURHAM DURAPON**. Decomposition of **DURHAM DURAPON** proceeds most rapidly in warm, moist soil. If soil remains cool or dry, decomposition may be slower, and more time will be required after plowing before crops can be planted safely. To avoid possibility of residues in meat or milk, do not graze meat or dairy animals on vegetation treated with **DURHAM DURAPON**.

GENERAL USE PRECAUTIONS

READ ENTIRE LABEL BEFORE USING.

DURHAM DURAPON should be used only for recommended purposes and at recommended rates (DO NOT OVERDOSE.)

Do not store near seeds or fertilizer.

Do not contaminate irrigation water or water used for domestic purposes. To avoid injury to desirable plants, do not allow spray or spray drift containing **DURHAM DURAPON** to contact foliage or roots of such plants including lawns and other desirable turf. Flush spraying equipment with plenty of water immediately after use to avoid contamination of later sprays or possible corrosion. When using **DURHAM DURAPON** in a combination spray with other herbicides be sure to read the directions and precautions on the herbicide container.

TO AVOID CAKING, KEEP INNER POLYETHYLENE BAG TIGHTLY CLOSED.

CONTAINER DISPOSAL: Do not reuse empty containers. Destroy by burying in a safe place with other waste.

WEEDS CONTROLLED: **DURHAM DURAPON** is used to control all annual grasses such as crabgrass, foxtail, watergrass and established perennial grasses such as quackgrass, Bermudagrass, cactails, Johnsongrass, Phragmites and para grass. **DURHAM DURAPON** is most effective as a foliage spray, although it may also be absorbed through plant roots. **DURHAM DURAPON** may be used in combination with herbicides such as MCP, Amine and 2,4-D Amine formulations.

Apply **DURHAM DURAPON** when grasses are growing vigorously but before seed stalks develop. Spray thoroughly and uniformly. Several weeks may be required for maximum effect. Repeat application as needed. Because of limited soil persistence, new seedling grasses may invade a treated area. Retreat with **DURHAM DURAPON** or cultivate. If grass is not growing well, is overly mature or suffering from drought or cold weather, results may be poor. Local conditions affect use of herbicides. State agricultural authorities in many states issue recommendations to fit local conditions.

U.S.A. Reg. No. 1422-499

NET WEIGHT: POUNDS

DURHAM DURAPON GRASS KILLER

DIRECTIONS FOR USE

MIXING: Spray tank should be at least half full of water before adding **DURHAM DURAPON**. Add **DURHAM DURAPON** slowly and stir to dissolve it completely. Use enough water (10 to 40 gallons per acre) for good spray coverage. **DURHAM DURAPON** contains a wetting agent which is adequate for many uses, but with many perennial grasses that are difficult to wet, or when low rates of **DURHAM DURAPON** are used, particularly in highly diluted sprays, the use of a non-ionic wetting agent, such as Broadcast 8 or Alco All Purpose Wetting Agent, at recommended rates may be helpful in obtaining maximum control.

COMBINATION SPRAYS: In sprays that contain 2,4-D do not use more than 8 lbs. of **DURHAM DURAPON** in 10 gallons of water. Mix **DURHAM DURAPON** and water first, then add 2,4-D.

AIRPLANE APPLICATION: Use suggested rates of **DURHAM DURAPON** in 5 to 10 gallons of water for preplant treatment of crop lands. May be used on non-crop areas.

SPOT TREATMENT: Use 1 pound of **DURHAM DURAPON** in 10 gallons of water. Spray to wet foliage. Retreat as required.

DRAINAGE DITCHES AND NON CROP AGRICULTURAL LANDS: When using a spray boom, use 15 lbs. of **DURHAM DURAPON** per acre in a minimum of 40 gallons of water. Repeat application in 2 to 4 weeks and follow up with spot treatment as required. When using orchard-type spray gun, use 10 lbs. of **DURHAM DURAPON** in 100 gallons of water and wet foliage thoroughly. Spray cattails and Phragmites after new sprouts have emerged and are two to three feet tall. In western states, fall spraying of cattails during catkin development is effective.

SEEDLING GRASSES: For control of giant foxtail and other grasses in fence row and other non-crop areas, use 5 lbs. of **DURHAM DURAPON** in 50 gallons of water and spray to thoroughly wet prior to heading. The same mixture can be used to spot treat established grass infestations.

REPEAT TREATMENTS WITH LOW RATES ON JOHNSONGRASS AND BERMU DAGRASS: Use 5 to 7 lbs. of **DURHAM DURAPON** in 40 to 50 gallons of water per acre. On vigorously growing grass, make 2 or 3 applications 10 to 20 days apart. If the land is to be planted to a late fall or next spring crop, such as cotton, sorghum and soybeans, tillage 2 weeks after the third spray is suggested.

PRE-PLANTING TREATMENTS

Dissolve the **DURHAM DURAPON** in enough water for good spray coverage.

1. **Fall treatment to control quackgrass:** Use 15 lbs. of **DURHAM DURAPON** per acre on land that will be used the following spring to plant such crops as beans, field corn and potatoes. Applications can be made during September or October and water in some areas, but quackgrass should be growing well when treated. Treated area can be plowed down in 10 to 20 days or plowing can be postponed until spring. With some established weeds, better controls will be obtained if the soil is first plowed and the quackgrass regrowth is sprayed.

2. **Early Spring treatment to quackgrass:** Use 8 lbs. of **DURHAM DURAPON** per acre on land to be planted 4 to 5 weeks later to such crops as beans, field corn and potatoes. Spray when grass is 4 to 6 inches tall and growing well. After spraying, wait at least 4 days before plowing down and wait

another 4 to 5 weeks before planting crops that are susceptible to **DURHAM DURAPON**. If soil is unusually dry, to avoid crop injury a longer waiting period will be necessary.

3. **Spring treatment of Johnsongrass:** Use 8 lbs. of **DURHAM DURAPON** per acre to control established Johnsongrass on land to be planted to field corn, cotton, soybeans and sorghum. Many times, lower rates of 5 to 7 lbs. of **DURHAM DURAPON** per acre will provide control. Spray when grass is 8 to 12 inches tall and is growing well. After a 3 day interval the land may be plowed. One or more diskings prior to planting is recommended. Cotton planting can be done immediately after diskings. Corn and Soybeans wait at least 5 days; Sorghum wait at least 2 1/2 weeks; after plowdown or deep tillage before planting sprayed areas. If soil is unusually dry, to avoid crop injury, a longer period will be necessary.

SUGAR CANE: Use 5 to 10 lbs. of **DURHAM DURAPON** per acre (overall coverage) as a pre-emergence or post-emergence application to control such grasses as alexander, Bermuda and Johnson. In bank or drill application use proportionately less **DURHAM DURAPON** per acre. Post-emergence: Use a directed spray designed to wet the grasses thoroughly and keep spray off sugar cane foliage.

ASPARAGUS: Control of Bermudagrass. Apply 20 lbs. **DURHAM DURAPON** per acre either before or after the cutting season and a 2nd spray of 10 lbs. per acre of **DURHAM DURAPON** as needed. To spot spray patches of grass, apply 1 lbs. of **DURHAM DURAPON** in 10 gallons of water. Control of quackgrass: apply 10 lbs. of **DURHAM DURAPON** per acre before cutting and again 3 to 4 weeks later as needed. For single treatment apply 20 lbs. of **DURHAM DURAPON** per acre either before or after cutting season. **NOTE:** During the cutting season spray immediately after cutting. Later sprays should be directed under the fern growth.

CITRUS: (Grapefruit, Limes, Oranges and Tangerines) Apply 2 to 4 pounds of **DURHAM DURAPON** in 50 to 100 gallons of water per acre as a broadcast directed spray close to the grove floor. For spot treatment apply at the same rate per acre using 1 pound of **DURHAM DURAPON** in 20 gallons of water and spray to wet the grass without runoff. Initial application should be made when grass is growing well but before seed head formation.

California and Arizona: Only spot spraying is recommended. Cover no more than half the root zone area. Make up to 3 applications per season at 4 to 8 week intervals. In Florida and Texas make up to 3 applications per season if needed at 2 to 10 day intervals using broadcast directed spray.

CAUTION: On very light soil use only the lower rates listed. Do not use near newly transplanted citrus trees less than 4 years old. Do not use in groves which are under stress, diseased, in decline, or suffering from cold storage. Do not spray bare soil under citrus trees. Keep spray off citrus foliage and fruit. Do not graze livestock on treated areas. Grove ditches and Non Grove areas: Apply 5 to 10 lbs. of **DURHAM DURAPON** per acre using 5 lbs. of **DURHAM DURAPON** per 100 gallons of water. Spray to wet the foliage uniformly. Make two applications two weeks apart to control grasses and cattails.

CORN: (Field and Sweet) For control of green, yellow and giant foxtail seedlings and broadleaved weeds, use 2 lbs. of **DURHAM DURAPON** and 1/2 lb. of 2,4-D per acre of corn to a 14 inch band in 40 to 42 inch corn rows when corn is 8 to 20 inches tall. Keep spray off corn leaves by using a leaf-lifter equipped with 95 degree even coverage flat nozzle tips. Spray only the

lower half of the corn stalks below the lifted leaves but do not spray higher than 7 inches above the ground. Apply carefully with emphasis on proper calibration, spray pattern width, height of spray on corn and rate of **DURHAM DURAPON**. Best results are obtained by spraying when grass and weeds are young and not as tall as the corn. Use of a rotary hoe soon after corn emergence will delay grass and weed growth so that the corn will be taller than the weeds and grass when spray is applied. Do not expect quick kill, but treated grass and weeds will be stunted or die back and remain in a non-competitive condition. Do not use on corn grown for seed. May be applied in combination with recommended rates by dissolving **DURHAM DURAPON** in a tanking slurry of Atrazine. A crop oil may also be added to the tank mix. Consult your Extension Service Weed Control Manual for local recommendations.

COTTON - SPOT TREATMENT FOR PERENNIAL GRASSES: Use 1 lb. of **DURHAM DURAPON** in 10 gallons of water and spray to wet all the foliage. Spray after the grass has developed good canopy and is growing well. Retreat as needed but no more than 3 applications per season. Avoid direct contact on cotton plants as cotton plants wetted with spray are usually injured. Control new seedlings by tillage.

COTTON - LAY-BY SPRAY TO CONTROL ANNUAL GRASSES: Use 5 lbs. of **DURHAM DURAPON** in 50 gallons of water per acre. Cover entire soil area with a directed spray that will wet grass without wetting cotton. Spray after last cultivation when grass is up but still small.

FRUIT ORCHARDS and GRAPE PLANTINGS: To control perennial grasses, use **DURHAM DURAPON** at rates recommended plus 2 to 4 pints of a non-ionic wetting agent in 75 to 100 gallons of water per acre. See directions for use-mixing. Apply as a directed spray to orchard floor after grasses have begun to grow well in the spring and before seed heads form. In all cases spray to wet grasses without runoff. Do not disturb grasses by mowing before spraying. Apply when soil moisture is high. Do not disc or disturb treated grass earlier than 4 weeks after spraying. Discing after 4 weeks may improve control. Retreat as required but apply no more than 2 treatments per year.

APPLES and PEARS: Apply 10 lbs. of **DURHAM DURAPON** per treated acre as a directed broadcast spray to grass before heading stage. Use spot treatment only on areas where grasses are a problem. With band or spot treatment, the amount of spray should be reduced in proportion to the area actually treated. Keep spray off of crop foliage and fruit. Do not apply within 30 days of harvest. Do not graze livestock on treated areas. Do not apply to apples unless trees are over 4 years old.

APRICOTS, PEACHES, PLUMS (PRUNES): USE LIMITED TO WESTERN STATES ONLY: Apply 6 to 7 lbs. of **DURHAM DURAPON** per acre to grass before heading stage as a directed broadcast spray. For band or spot treatment the amount of spray should be reduced in proportion to the area actually treated. Keep spray off crop foliage and fruit. Do not apply within 30 days of harvest. Do not graze livestock on treated areas. Make no more than 2 applications per season.

PEACHES: AREAS OTHER THAN WESTERN: Apply 3 1/2 lbs. of **DURHAM DURAPON** per treated area as a directed broadcast spray to grass before heading stage. For band or spot treatment the amount of spray should be reduced in proportion to the area actually treated. Keep spray off foliage and fruit. Do not apply within 30 days of harvest. Do not graze livestock on treated areas. Make no more than 2 applications per season.

GRAPES - SPRAYING: CALIFORNIA AND ARIZONA ONLY: Apply 10 lbs. of **DURHAM DURAPON** per treated acre. Apply as a directed

broadcast spray on vine row when grass is 8 to 10 inches tall. Keep spray off crop foliage and fruit for 30 days of harvest. Do not graze livestock on treated areas. The amount of spray should be reduced in proportion to the area actually treated. Spray in bands 4 to 6 inches wide, centered on row. Make first spray when new growth of Bermudagrass, Johnson Grass is 12 to 18 inches tall. Do not use in young non-bearing vines. Do not use in irrigation furrows and do not spray between furrows. French hoeing or spraying is not advisable.

PEAS: To control seedling grasses, use 2 lbs. of **DURHAM DURAPON** per acre. Apply at least 25 days before peas are young and the peas have 4 to 6 nodes. Do not treat the soil.

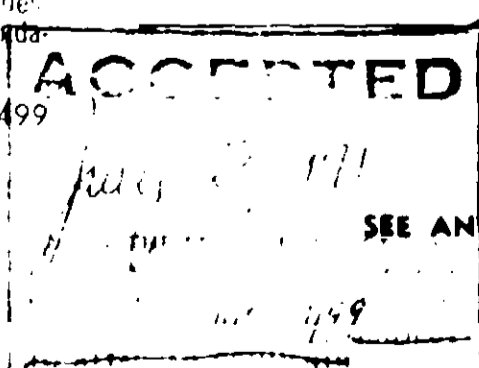
POTATOES: To control seedling grass, use 2 lbs. of **DURHAM DURAPON** per acre. Apply before emergence of grass plants are small. To control quackgrass, use 10 lbs. of **DURHAM DURAPON** per acre. Apply before potatoes emerge. Do not apply **DURHAM DURAPON** to potatoes until after the first emergence. For spring pre-planting treatment, use 8 lbs. of **DURHAM DURAPON** per acre. For fall pre-planting, use 10 lbs. of **DURHAM DURAPON** per acre. Plowed and potatoes planted 4 to 5 weeks before planting, use 5 lbs. of **DURHAM DURAPON** in 25 gallons of water. Apply as a directed spray when grass seeds have germinated and are 3 inches tall. Use 1 lb. of **DURHAM DURAPON** per acre on land planted to skinned or White Rose potatoes.

SUGAR BEETS: For use from emergence to heading, use 5 lbs. of **DURHAM DURAPON** per acre. To control wild grasses, use 10 lbs. of **DURHAM DURAPON** per acre. Directed spray. Keep spray off of crop foliage. For use beyond the 6 leaf stage until harvest, use 5 lbs. of **DURHAM DURAPON** per acre. Apply 3 to 5 pounds **DURHAM DURAPON** directed spray in enough water to wet grasses. Use lower rate if grasses are young. Use leaf lifting equipment. Beet top removal is recommended.

FLAX: Apply 1 pound of **DURHAM DURAPON** per acre to control pigeon pea, giant foxtails. Apply when crop is 1 to 2 inches tall and growing actively. Do not apply to flax after heading.

COFFEE: To control crabgrass, Bermudagrass, California grass and other grasses in Hawaii, use 1 pound **DURHAM DURAPON** per acre. Apply as a directed spray to just wet foliage. Do not exceed 100 gallons of spray per acre. Make first application when coffee is growing well but prior to seed head formation in 4 to 6 weeks. Do not apply **DURHAM DURAPON** within 8 months of harvest.

MACADAMIA: To control crabgrass, Bermudagrass, California grass and other grasses, use 1/2 to 1-1/2 lbs. per 100 gallons per acre. Make first application when grass is regrowing and plants are 1 to 2 inches tall. Do not apply more than 24 pounds of **DURHAM DURAPON** per acre.



WARNING!

KEEP OUT OF REACH OF CHILDREN

SEE ANTIDOTE STATEMENT AND OTHER WARNINGS ON THE SIDE PANEL.

NOTICE: Durham Chemical Company 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 Durham's label.

Distributor

DURHAM CHEMICAL

4124 E. PACIFIC

LOS ANGELES, CALIF.

DURHAM DURAPON GRASS KILLER

DIRECTIONS FOR USE

MIXING: Spray tank should be at least half full of water before adding DURHAM DURAPON. Add DURHAM DURAPON slowly and stir to dissolve it completely. Use enough water (10 to 40 gallons per acre) for good spray coverage. DURHAM DURAPON contains a wetting agent which is adequate for many uses, but with many perennial grasses that are difficult to wet, or when low rates of DURHAM DURAPON are used, particularly in highly diluted sprays, the use of a non-ionic wetting agent, such as Duraspread 8 or Alco All Purpose Wetting Agent, at recommended rates, may be helpful in obtaining maximum control.

COMBINATION SPRAYS: In sprays that contain 2,4-D do not use more than 8 lbs. of DURHAM DURAPON in 10 gallons of water. Mix DURHAM DURAPON and water first, then add 2,4-D.

AIRPLANE APPLICATION: Use suggested rates of DURHAM DURAPON in 5 to 10 gallons of water for preplanting treatment of crop lands. May be used on non-crop areas.

SPOT TREATMENT: Use 1 pound of DURHAM DURAPON in 10 gallons of water. Spray to wet foliage. Retreat as required.

DRAINAGE DITCHES AND NON CROP AGRICULTURAL LANDS: When using a spray boom, use 15 lbs. of DURHAM DURAPON per acre in a minimum of 40 gallons of water. Repeat application in 2 to 4 weeks and follow up with spot treatment as required. When using orchard-type spray gun, use 10 lbs. of DURHAM DURAPON in 100 gallons of water and wet foliage thoroughly. Spray cattails and Phragmites after new sprouts have emerged and are two to three feet tall. In western states, fall spraying of cattails during catkin development is effective.

SEEDLING GRASSES: For control of giant foxtail and other grasses in fence row and other non-crop areas, use 5 lbs. of DURHAM DURAPON in 50 gallons of water and spray to thoroughly wet, prior to heading. The same mixture can be used to spot treat established grass infestations.

REPEAT TREATMENTS WITH LOW RATES ON JOHNSONGRASS AND BERMUDAGRASS: Use 5 to 7 lbs. of DURHAM DURAPON in 40 to 50 gallons of water per acre. On vigorously growing grass, make 2 or 3 applications 10 to 20 days apart. If the land is to be planted to a late fall or next spring crop, such as cotton, sorghum and soybeans, tillage 2 weeks after the third spray is suggested.

PRE-PLANTING TREATMENTS

Dissolve the DURHAM DURAPON in enough water for good spray coverage.

1. **Fall treatment to control quackgrass:** Use 15 lbs. of DURHAM DURAPON per acre on land that will be used the following spring to plant such crops as beans, field corn and potatoes. Applications can be made during September or October and later in some areas, but quackgrass should be growing well when treated. Treated areas can be plowed down in 10 to 20 days or plowing can be postponed until spring. With some established sods, better controls will be obtained if the sod is first plowed and the quackgrass regrowth is sprayed.

2. **Early Spring treatment to quackgrass:** Use 8 lbs. of DURHAM DURAPON per acre on land to be planted 4 to 5 weeks later to such crops as beans, field corn and potatoes. Spray when grass is 4 to 6 inches tall and growing well. After spraying, wait at least 4 days before plowing down and wait

another 4 to 5 weeks before planting crops that are susceptible to DURHAM DURAPON. If soil is unusually dry, to avoid crop injury a longer waiting period will be necessary.

3. **Spring treatment of Johnsongrass:** Use 8 lbs. of DURHAM DURAPON per acre to control established Johnsongrass on land to be planted to field corn, cotton, soybeans and sorghum. Many times, lower rates of 5 to 7 lbs. of DURHAM DURAPON per acre will provide control. Spray when grass is 8 to 12 inches tall and is growing well. After a 3 day interval the land may be plowed. One or more diskings prior to planting is recommended. Cotton planting can be done immediately after diskings. Corn and Soybeans wait at least 5 days; Sorghum wait at least 2½ weeks; after plowdown or deep tillage before planting sprayed areas. If soil is unusually dry, to avoid crop injury, a longer period will be necessary.

SUGAR CANE: Use 5 to 10 lbs. of DURHAM DURAPON per acre (overall coverage) as a pre-emergence or post-emergence application to control such grasses as alexander, Bermuda and Johnson. In bank or drill application use proportionately less DURHAM DURAPON per acre. Post-emergence: Use a directed spray designed to wet the grasses thoroughly and keep spray off sugar cane foliage.

ASPARAGUS: Control of Bermudagrass. Apply 20 lbs. DURHAM DURAPON per acre either before or after the cutting season and a 2nd spray of 10 lbs. per acre of DURHAM DURAPON as needed. To spot spray patches of grass, apply 1 lb. of DURHAM DURAPON in 10 gallons of water. Control of quackgrass: apply 10 lbs. of DURHAM DURAPON per acre before cutting and again 3 to 4 weeks later as needed. For single treatment apply 20 lbs. of DURHAM DURAPON per acre either before or after cutting season. **NOTE:** During the cutting season spray immediately after cutting. Later sprays should be directed under the fern growth.

CITRUS: (Grapefruit, Limes, Oranges and Tangerines) Apply 2 to 4 pounds of DURHAM DURAPON in 50 to 100 gallons of water per acre as a broadcast directed spray close to the grove floor. For spot treatment apply at the same rate per acre using 1 pound of DURHAM DURAPON in 20 gallons of water and spray to wet the grass without runoff. Initial application should be made when grass is growing well but before seed head formation.

California and Arizona: Only spot spraying is recommended. Cover no more than half the root zone area. Make up to 3 applications per season at 4 to 8 week intervals. In Florida and Texas make up to 3 applications per season if needed at 2 to 10 day intervals using broadcast directed spray.

CAUTION: On very light soil use only the lower rates listed. Do not use near newly transplanted citrus trees less than 4 years old. Do not use in groves which are under stress, diseased in decline, or suffering from cold storage. Do not spray bare soil under citrus trees. Keep spray off citrus foliage and fruit. Do not graze livestock on treated areas. **Grove ditches and Non-Grove areas:** Apply 5 to 10 lbs. of DURHAM DURAPON per acre using 5 lbs. of DURHAM DURAPON per 100 gallons of water. Spray to wet the foliage uniformly. Make two applications two weeks apart to control grasses and cattails.

CORN: (Field and Sweet) For control of green, yellow and giant foxtail seedlings and broadleaved weeds, use 2 lbs. of DURHAM DURAPON and ½ lb. of 2,4-D per acre of corn to a 14 inch band in 40 to 42 inch corn rows when corn is 8 to 20 inches tall. Keep spray off corn leaves by using a leaf-lifter equipped with 95 degree even coverage flat nozzle tips. Spray only the

lower half of the corn stalks below the lifted leaves but do not spray higher than 7 inches above the ground. Apply carefully with emphasis on sprayer calibration, spray pattern width, height of spray on corn and rate of DURHAM DURAPON. Best results are obtained by spraying when grass and weeds are small and not as tall as the corn. Use of a rotary hoe soon after corn emergence will delay grass and weed growth so that the corn will be taller than the weeds and grass when spray is applied. Do not expect quick kill, but treated grass and weeds will be stunted or die back and remain in a non-competitive condition. Do not use on corn grown for seed. May be applied with Atrazine 30W at recommended rates by dissolving DURHAM DURAPON in a slurry of Atrazine. A crop oil may also be added to the tank mix. Consult your Extension Service Weed Specialist for local recommendations.

COTTON - SPOT TREATMENT FOR PERENNIAL GRASSES: Use 1 lb. of DURHAM DURAPON in 10 gallons of water and spray to wet all grass foliage. Spray after the grass has developed good tillage and is growing well. Retreat as needed but no more than 3 applications per season. Avoid direct contact on cotton plants as cotton plants wetted with spray are usually injured. Control new seedlings by tillage.

COTTON - LAY-BY SPRAY TO CONTROL ANNUAL GRASSES: Use 5 lbs. of DURHAM DURAPON in 50 gallons of water per acre. Cover entire soil area with a directed spray that will wet grass without wetting cotton. Spray after last cultivation when grass is up but still small.

FRUIT ORCHARDS and GRAPE PLANTINGS: To control perennial grasses, use DURHAM DURAPON at rates recommended plus 2 to 4 pints of a non-ionic wetting agent in 75 to 100 gallons of water per acre. See directions for use-mixing. Apply as a directed spray to orchard floor after grasses have begun to grow well in the spring and before seed heads form. In all cases spray to wet grasses without runoff. Do not disturb grasses by mowing before spraying. Apply when soil moisture is high. Do not disc or disturb treated grass earlier than 4 weeks after spraying. Discing after 4 weeks may improve control. Retreat as required but apply no more than 2 treatments per year.

APPLES and PEARS: Apply 10 lbs. of DURHAM DURAPON per treated acre as a directed broadcast spray to grass before heading stage. Use spot treatment only on areas where grasses are a problem. With band or spot treatment, the amount of spray should be reduced in proportion to the area actually treated. Keep spray off of crop foliage and fruit. Do not apply within 30 days of harvest. Do not graze livestock on treated areas. Do not apply to apples unless trees are over 4 years old.

APRICOTS, PEACHES, PLUMS (PRUNES): USE LIMITED TO WESTERN STATES ONLY. Apply 6 to 7 lbs. of DURHAM DURAPON per acre to grass before heading stage as a directed broadcast spray. For band or spot treatment the amount of spray should be reduced in proportion to the area actually treated. Keep spray off crop foliage and fruit. Do not apply within 30 days of harvest. Do not graze livestock on treated areas. Make no more than 2 applications per season.

PEACHES: AREAS OTHER THAN WESTERN. Apply 3½ lbs. of DURHAM DURAPON per treated area as a directed broadcast spray to grass before heading stage. For band or spot treatment the amount of spray should be reduced in proportion to the area actually treated. Keep spray off foliage and fruit. Do not apply within 30 days of harvest. Do not graze livestock on treated areas. Make no more than 2 applications per season.

GRAPES - BEARING: CALIFORNIA AND ARIZONA ONLY. Apply 10 lbs. of DURHAM DURAPON per treated acre. Apply as a directed

broadcast spray on vine row when grasses are actively growing. Keep spray off crop foliage and fruit. Do not apply within 30 days of harvest. Do not graze livestock on treated areas. The amount of spray should be reduced in proportion to the area actually treated. Spray in bands not exceeding 30 inches wide, centered on row. Make first application in late spring when new growth of Bermudagrass is 4 to 6 inches tall, or Johnson Grass is 12 to 18 inches tall. Respray 4 to 6 weeks later. Do not use in young non-bearing vineyards. Do not spray into irrigation furrows and do not flood or sprinkle treated band. Do not spray middles. French plowing (Kirby plow) before spraying is not advisable.

PEAS: To control seedling grasses, use 1 lb. of DURHAM DURAPON per acre. Apply at least 25 days before harvest when grass seedlings are young and the peas are 2 to 6 inches tall and have 4 to 6 nodes. Do not feed treated pasture hay to livestock.

POTATOES: To control seedling grasses, use 2 lbs. of DURHAM DURAPON per acre. Apply before emergence of potatoes when grass plants are small. To control quackgrass, use up to 10 lbs. of DURHAM DURAPON per acre. Apply after planting but before potatoes emerge. Do not apply DURHAM DURAPON after potatoes emerge. For spring pre-planting treatment of quackgrass, use 8 lbs. of DURHAM DURAPON per acre. After 4 days land can be plowed and potatoes planted 4 to 5 weeks later. For late season grass control, use 5 lbs. of DURHAM DURAPON per acre in 15 to 25 gallons of water. Apply as a directed spray at last cultivation when grass seeds have germinated but before the grass seedlings are 3 inches tall. Use vine lifters and a directed spray on the grass up to the base of the potato plants in order to get minimum of spray on the potato foliage. Do not use DURHAM DURAPON on land planted or to be planted to red skinned or White Rose potatoes.

SUGAR BEETS: For use from emergence through 6 leaf stage. To control small grass seedlings, use 3 to 4 lbs. of DURHAM DURAPON per acre. To control wild oats and quackgrass, use 6 to 7 lbs. of DURHAM DURAPON per acre and apply as a directed spray. Keep spray off of crop leaves. For use beyond the 6 leaf stage until beets are about 14 inches tall: Apply 3 to 5 pounds DURHAM DURAPON per acre as a directed spray in enough water to wet foliage to control annual grasses. Use lower rate if grasses are small or growing actively. Use leaf lifting equipment. Beet tops or roots may be fed to livestock.

FLAX: Apply 1 pound of DURHAM DURAPON in 5 to 10 gallons of water per acre to control pigeongrass or green, yellow and giant foxtails. Apply when crop is 1 to 6 inches tall. For best results, use when the young grass seedlings are less than 2 inches tall and growing actively. Do not expect rapid grass kill.

COFFEE: To control crabgrass, Bermudagrass, kikuyagrass, para California grass and other grasses in established coffee in Hawaii, use 1 pound DURHAM DURAPON in 10 gallons of water. Apply as a directed spray to just wet grass without run-off but do not exceed 100 gallons of spray mix per acre. Do not spray coffee foliage. Make first application to grasses which are growing well but prior to seed head formation. Repeat application in 4 to 6 weeks. Do not apply more than twice per year. Do not apply within 8 months of harvest.

MACADAMIA: To control crabgrass, Bermudagrass, kikuyagrass, para California grass, dallis grass, use DURHAM DURAPON at the rate of ½ to 1-½ lbs. per 10 gallons of water. Spray to just wet the grass without run-off, but not to exceed 100 gallons per acre. Make first application before harvest. Respray at intervals as regrowth warrants but only after cleaning nuts during harvest. Do not apply directly to nuts. Do not apply more than 24 pounds of DURHAM DURAPON per acre per year.

NOTICE: Durham Chemical Company 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 Durham's label.

Distributed by

DURHAM CHEMICAL COMPANY
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LOS ANGELES, CALIFORNIA 90023

ACCEPTED

WARNING!

KEEP OUT OF REACH OF CHILDREN

SEE ANTIDOTE STATEMENT AND OTHER WARNINGS ON THE SIDE PANEL.

No. 1422-499

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