

SELECTIVE USE IN C

"Telvar" should be used only in accordance with recommendations in separate published Du Pont recommendations available.



ACCOUNT NO. 2-17-69 352-246

TELVAR

MONURON WEED KILLER

WETTABLE POWDER

ACTIVE INGREDIENT:

Monuron [3-(p-chlorophenyl)-1,1-dimethylurea].....80%

INERT INGREDIENTS.....20%

USDA Reg. No. 352-246 U S Pat 2,655,445

Keep out of reach of children.

CAUTION! MAY IRRITATE EYES, NOSE, THROAT, AND SKIN.

Avoid breathing dust or spray mist. Avoid contact with skin, eyes, and clothing.

IMPORTANT: Injury to or loss of desirable trees or other plants may result from failure to observe the following: Do not apply (except as recommended for crop use), or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of dry powder or spray to desirable plants. Do not contaminate domestic waters. Keep from contact with fertilizers, insecticides, fungicides, and seeds. Thoroughly clean all traces of "Telvar" from application equipment immediately after use. Flush tank, pump, hoses, and boom with several changes of water after removing nozzle tips and screens (clear these parts separately). Do not re-use bag. Bury when empty.

NET 4 LBS.

E. I. du Pont de Nemours & Company (Inc.)
Industrial and Biochemicals Dept., Wilmington, Del.

GENERAL INFORMATION

Du Pont "Telvar" Monuron Weed Killer is a wettable powder to be mixed in water and applied as a spray to the surface of the ground for control of weeds. Effects are slow to appear and will not become apparent until the chemical has been carried into the root zone of the weeds by moisture. It is non-corrosive to equipment, non-volatile, and non-flammable.

DIRECTIONS

Use a fixed-boom power sprayer properly calibrated to a constant speed and rate of delivery. For details on spray equipment and calibration, see Du Pont booklet "Instructions for Applying Du Pont Weed Killers for Selective Weed Control in Crops". Use sufficient water (min. 40 gals. per acre for non-crop-land; 25 to 40 gals. per acre for crops) to provide thorough and uniform coverage of the ground. Spray booms must be shut off while starting, turning, slowing or stopping, or injury to the crop may result. Continuous agitation in the spray tank is required to keep the material in suspension. When a range of dosage rates is listed, use the lower rates on lighter soils (sandy loams, loams, and soils low in organic matter) and the higher rates on heavier soils (clay loams, clays, and soils high in organic matter).

NON-CROP WEED CONTROL

"Telvar" is an effective general herbicide for the control of many annual and perennial grasses and herbaceous weeds on non-cropland areas where bare ground is desired. The degree of control and duration of effect will vary with the amount of chemical applied, soil type, rainfall, and other conditions.

"Telvar" may be used at any time for non-cropland weed control, except when ground is frozen, provided adequate moisture is supplied by rainfall or artificial means to activate the chemical. Best results are obtained if applied shortly before weed growth begins. If dense growth is present, remove tops and spray the ground.

GENERAL WEED CONTROL: To control most weeds for an extended period of time on non-cropland such as UTILITY, HIGHWAY, PIPELINE and RAILROAD RIGHT OF WAYS, PETROLEUM TANK FARMS, LUMBERYARDS, STORAGE AREAS, INDUSTRIAL PLANT SITES, and AROUND FARM BUILDINGS—Apply 5 to 20 lbs. of "Telvar" per acre to control most annual weeds. Use 20 to 60 lbs. per acre for perennial weeds; additional treatment may be required where a longer period of control is desired or when hard-to-kill, deep-rooted perennial weeds such as Johnsongrass are present. In low rainfall areas, "Telvar" may not provide satisfactory control of deep-rooted perennial weeds.

IRRIGATION AND DRAINAGE DITCHES: Apply 5 to 20 lbs. per acre to control most annual weeds; use 20 to 60 lbs. per acre to control both annual and perennial weeds. For irrigation ditches, apply during the non-crop season, and when ditch is not in use to minimize movement of "Telvar" with irrigation water (to avoid possible crop injury). It is essential that the herbicide be fixed in the soil by moisture. Apply before expected seasonal rainfall (if possible when soil in the ditch is still moist). Following treatment, if rainfall has not totaled at least 4 inches, fill ditch with water and allow to stand for 72 hours; drain off and waste remaining water before using ditch. Do not treat any ditch into which roots of trees or other desirable plants may extend as injury may result.

FOR SMALL AREAS: One-half cupful of "Telvar" per 100 sq. ft. is approximately 50 lbs. per acre. A hand sprayer or sprinkling can may be used for application; shake or stir frequently.

CONTINUED ON BACK PANEL

CONTINUED FROM BACK PANEL

PINEAPPLE—Hawaii: Apply 4 to 8 lbs. per acre as a broadcast spray immediately after planting and prior to weed emergence. Use 4 lbs. after harvesting plant crop (for ratoon crop). For plant crop only, a second and third broadcast or interspace application may be made prior to differentiation at the rate of 2 lbs. per acre at intervals of not less than 2 months. Additional applications to plant crop may be made as needed to interspace only, using 2 lbs. per acre. Do not apply more than 3 broadcast sprays (maximum 12 lbs. per acre) prior to differentiation nor more than 16 lbs. total per acre per plant crop. Treated areas may be planted to pineapple or sugar cane one year after last application.

SUGAR CANE: To prevent possible crop injury on new cane varieties, tolerance to "Telvar" should be determined prior to adoption as field practice. Do not treat sugar cane growing on thin, organic sub-soils or rocky areas; do not use on light (sand, loamy sand or gravelly) soils nor where organic matter is less than 1% as injury to cane may result. Temporary chlorosis of the crop may result from application over emerged cane; to minimize chlorosis, use directed post-emergence sprays. The following rates are for broadcast treatment; for band application, use 1/2 of broadcast rate when treating 1/4 of the area.

Florida: For high organic soils, apply 2 to 4 lbs. per acre prior to weed emergence after planting or after harvesting plant crop (for ratoon crop). A second and third application of 2 lbs. per acre

may be made as needed by directed spray interval. Do not apply more than 3 treatments nor more than 6 lbs. total per acre between planting (or ratooning) and harvest.

Hawaii and Puerto Rico: Apply 4 to 6 lbs. per acre prior to weed emergence after planting or after harvesting plant crop (for ratoon crop). A second and third application of 2 to 3 lbs. per acre may be made as a broadcast spray over emerged cane or by directed spray interval. Do not apply more than 3 treatments nor more than 10 lbs. total per acre between planting (or ratooning) and harvest. Treated areas may be planted to sugar cane or pineapple one year after last application.

Louisiana: Use on plant cane seeded on fallowed ground. Apply 3 to 3 1/2 lbs. per acre either in the fall (August through October) or spring (January through April) before weeds or cane emerge.

NOTICE TO BUYER: Other warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. This warranty does not extend to use of this product contrary to label use directions, or under abnormal use conditions, or under conditions not reasonably foreseeable to seller; buyer assumes all risk of any such use. Seller makes no other warranties, express or implied.

84% OF ACTUAL SIZE

"Telvar" selectively controls weed seedlings such as barnyardgrass (watergrass), grass, pigweed, purslane, Spanishneedles, ragweed, chickweed, wild mustard, and many other weeds. Results vary with soil types (the lower rates are effective on the lighter soils and the heavier soils). Moisture is necessary to activate the chemical; best results are obtained with irrigation within two weeks after application. Soil should be well prepared; any well established weeds should be eliminated by mechanical or other means. The soil should not be cultivated or disturbed after application of "Telvar".

IMPORTANT—Unless otherwise directed, do not replant treated areas to avoid injury to subsequent crops may result.

ASPARAGUS: Do not apply to newly seeded asparagus nor to young plants nor on plants with exposed roots as severe injury may result. Apply as a band or other soils low in clay or organic matter, apply 1 to 2 lbs. per acre (1 lb. per acre on soils high in clay or organic matter, use 2 to 4 lbs. per acre. Two applications may be made before weeds become established but no earlier than 4 weeks before cutting period (if weeds are controlled into the cutting period by cultural practices immediately after the last cultivation); a second application may be made immediately after the last cultivation. When two applications are used in one season, do not expect a second crop (irrigated crop) apply only a single treatment of 4 lbs. per acre in late fall or early winter. As an alternative, apply 2 lbs. per acre at the same rate in March or April. Subsequent annual applications of 2 to 3 lbs. per acre are recommended.

ORANGES, LEMONS, AND AVOCADOS—California (except Imperial County): Do not apply to newly established trees in the grove for at least one year. Apply as a directed spray or drift. Do not apply under citrus trees that have been subjected to frost damage. Do not apply in areas where the roots of other valuable plants or trees are in contact with the soil (loamy sand or gravelly) soils nor where organic matter is less than 1% as injury to plants may result. Make a single application of 3 to 4 lbs. per acre as a broadcast spray shortly after planting (non tillage program) in late fall or early winter. As an alternative, apply 2 lbs. per acre at the same rate in March or April. Subsequent annual applications of 2 to 3 lbs. per acre are recommended.

COTTON
Preemergence (except Arizona and California): Make a single application before cotton emerges. Use at the following rates:

Broadcast Treatment	Lbs. "Telvar" Per Acre (in 25 to 40 Gals. Water)
Clay—low organic matter	1.25
Clay—moderate organic matter	1.6
Clay—high organic matter	2.0

*Use only on heavy (clay) soils. For other soil types, use "Karmex".

Band Treatment: Use proportionately less; for example, for 14" band use 1/2 the broadcast rate.

Apply immediately after cotton is planted; wherever possible, planting and spraying should be done at the same time. For best results, soil should be well prepared and as free as possible from trash (more than 1/4") with a rotary hoe or similar equipment following planting usually immediately after planting. A wide press wheel following planting should be used to provide a level seed bed and to break up clods.

Treatment usually provides weed control for a period of 3 to 8 weeks. Sufficient rainfall or irrigation is necessary after treatment to carry the chemical into the soil. Results are obtained when this occurs within 2 weeks after application. If moisture is not available, a shallow rotary hoeing (no deep) should be used to break up clods and to become well established.

If initial seeding fails to produce a stand, cotton may be replanted in soil that has not been disturbed. If necessary to rework soil before replanting, use shallow rotary hoeing to move soil into the original drill area; plant seed at least 1 inch deep; do not apply "Telvar" during the same crop year as injury to the crop may result.

Note: Use of "Telvar" in conjunction with systemic phosphate insecticides (such as DDT) is not recommended as injury to cotton may result.

Late Season (Lay-By)—Arizona and California; other areas on heavy soils: Do not use on light (sand, loamy sand) soils nor where organic matter is less than 1%. Direct spray to cover the soil beneath cotton plants and between rows. Keep rows free of weeds. **NOT SPRAY OVER TOP OF COTTON.** Apply immediately after the last cultivation. Height of at least 20 inches. In irrigated cotton, best weed control is obtained after application; thoroughly wet the surface of the ground over the row to kill germinating weeds.

Subsequent Crops:	"Telvar"—Type of Application	Crops That May Follow Treated Cotton
Band preemergence		Any crop 4 months after application
Broadcast preemergence		Cotton, soybeans, corn or grain sorghums (the next spring) Do not replant treated areas within one year after last application
Lay-by only or preemergence plus lay by		Cotton, corn, grain sorghums (not soybeans) the next spring. Do not replant treated areas after last application as injury to subsequent crops may result.

Note: During a single crop season, do not exceed 2.2 lbs. monuron per acre.



REG U S PAT. OFF

TELVAR

MONURON WEED KILLER

WETTABLE POWDER

ACTIVE INGREDIENT:

Monuron [3-(p-chlorophenyl)-1,1-dimethylurea] 80%

INERT INGREDIENTS 20%

USDA Reg. No. 352-246 U.S. Pat. 2,655,445

SPECIMEN LABEL

Keep out of reach of children.

CAUTION! MAY IRRITATE EYES, NOSE, THROAT, AND SKIN.

Avoid breathing dust or spray mist. Avoid contact with skin, eyes, and clothing.

IMPORTANT: Injury to or loss of desirable trees or other plants may result from failure to observe the following: Do not apply (except as recommended for crop use), or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of dry powder or spray to desirable plants. Do not contaminate domestic waters. Keep from contact with fertilizers, insecticides, fungicides, and seeds. Thoroughly clean all traces of "Telvar" from application equipment immediately after use. Flush tank, pump, hoses, and boom with several changes of water after removing nozzle tips and screens (clean these parts separately). Do not re-use bag. Bury when empty.

NET 4 LBS.

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"Telvar" may be used at any time for non-cropland weed control except when ground is frozen or dried adequate moisture is supplied by rainfall or artificial means to activate the chemical. Best results are obtained if applied shortly before weed growth begins. If dense growth is present remove tops and spray the ground.

GENERAL WEED CONTROL: To control most weeds for an extended period of time on non-cropland such as UTILITY, HIGHWAY PIPELINE and RAILROAD RIGHT OF WAYS, PETROLEUM TANK FARMS, LUMBERYARDS, STORAGE AREAS, INDUSTRIAL PLANT SITES and AROUND FARM BUILDINGS—Apply 5 to 20 lbs. of "Telvar" per acre to control most annual weeds. Use 2 1/2 to 60 lbs. per acre for perennial weeds, additional treatment may be required when a larger period of control is desired or when hard-to-kill deep-rooted perennial weeds such as johnsongrass are present in low rainfall areas. "Telvar" may not provide satisfactory control of deep-rooted perennials, weeds

IRRIGATION AND DRAINAGE DITCHES: Apply 5 to 20 lbs. per acre to control most annual weeds; use 20 to 60 lbs. per acre to control both annual and perennial weeds. For irrigation ditches apply during the non-crop season, and when ditch is not in use. To minimize movement of Telvar with irrigation water (to avoid possible crop injury) it is essential that the herbicide be held in the soil by moisture. Apply before expected seasonal rainfall, if possible when soil in the ditch is still moist. Following treatment, if rainfall has not totaled at least 4 inches per ditch with water and allow to stand for 72 hours; drain off and waste remaining water before being ditch. Do not treat any ditch into which roots of trees or other desirable plants may extend at any time.

FOR SMALL AREAS: One-half cupful of "Telvar" per 100 sq ft is approximately 1 lb. per acre. A hand sprayer or sprinkling can may be used for application shake or by frequent.

GENERAL INFORMATION

Du Pont "Telvar" Monuron Weed Killer is a wetttable powder to be mixed in water and applied as a spray to the surface of the ground for control of weeds. Effects are slow to appear and will not become apparent until the chemical has been carried into the root zone of the weeds by moisture. It is non-corrosive to equipment, non-volatile, and non-flammable.

DIRECTIONS

Use a fixed-boom power sprayer properly calibrated to a constant speed and rate of delivery. For details on spray equipment and calibration, see Du Pont booklet "Instructions for Applying Du Pont Weed Killers for Selective Weed Control in Crops". Use sufficient water (min. 40 gals. per acre for non-cropland; 25 to 40 gals. per acre for crops) to provide thorough and uniform coverage of the ground. Spray nozzles must be shut off while starting, turning, slowing or stopping, or injury to the crop may result. Continuous agitation in the spray tank is required to keep the material in suspension. When a range of dosage rates is listed, use the lower rates on lighter soils (sandy loams, loams, and soils low in organic matter) and the higher rates on heavier soils (clay loams, clays, and soils high in organic matter).

NON-CROP WEED CONTROL

"Telvar" is an effective general herbicide for the control of many annual and perennial grasses and herbaceous weeds on non-cropland areas where bare ground is desired. The degree of control and duration of effect will vary with the amount of chemical applied, soil type, rainfall, and other conditions.

SELECTIVE USE IN CROPS

IMPORTANT

ASPARAGUS:

Apply 2 to 4 lbs. per acre as a broadcast spray immediately after planting and prior to weed emergence. Use 4 lbs. after harvesting plant crop (for ratoon crop). For plant crop only, a second and third broadcast or interspace application may be made prior to differentiation at the rate of 2 lbs. per acre at intervals of not less than 2 months. Additional applications to plant crop may be made as needed to interspace only using 2 lbs. per acre. Do not apply more than 6 lbs. total per acre between planting (or ratooning) and harvest.

ORANGES, LEMONS, AND AVOCADOS—California (except Imperial and Coachella Valleys): Use only under trees established in the grove for at least one year. Apply as a directed spray avoiding contact of foliage and fruit with spray or drift. Do not apply under citrus trees that have been subjected to freezing within 6 months. Do not apply in home plantings of citrus or in areas where the roots of other valuable plants or trees may extend. Do not use on light (and loamy sand or gravelly) soils nor where organic matter is less than 1% as injury may result.

Make a single application of 3 to 4 lbs. per acre as a broadcast spray shortly after grove has been laid up in final form (non tillage program) in late fall or early winter. As an alternative, apply 2 lbs. per acre in October or November, and repeat at the same rate in March or April. Subsequent annual applications of 2 to 4 lbs. will usually give adequate weed control.

COTTON

Preemergence (except Arizona and California): Make a single application as a broadcast or band spray after planting but before cotton emerges. Use at the following rates:

Broadcast Treatment	Lbs. "Telvar" Per Acre (in 25 to 40 Gals. Water)	Lbs. Monuron Applied/Acre
Soil Type*		
Clay—low organic matter	1.25	1.0
Clay—moderate organic matter	1.6	1.3
Clay—high organic matter	2.0	1.6

*Use only on heavy (clay) soils. For other soil types, use "Karmex" Diuron Weed Killer.

Band Treatment: Use proportionately less; for example, for 14" band on 42" row, use 1/3 of the broadcast rate.

Apply immediately after cotton is planted; wherever possible, planting and spraying should be combined in one operation. For best results, soil should be well prepared and as free as possible from trash and clods. Shallow incorporation (no deeper than 1/4") with a rotary hoe or similar equipment following planting usually improves results particularly during dry weather. A wide press wheel following planting should be used to provide a level seed bed for subsequent early season postemergence treatments.

Treatment usually provides weed control for a period of 3 to 8 weeks. Sufficient moisture (usually 1" to 2") in the form of rainfall or irrigation is necessary after treatment to carry the chemical into the root zone of germinating weeds; best results are obtained when this occurs within 2 weeks after application. If moisture is insufficient to activate "Telvar" or if soil becomes crusted before crop emerges, a shallow rotary hoeing (no deeper than 1/4") should be made before weeds become well established.

If initial seeding fails to produce a stand, cotton may be replanted in soil treated with "Telvar". Wherever possible, avoid disturbing original bed. If necessary to rework soil before replanting, use shallow cultivation such as disking; do not re list nor move soil into the original drill area; plant seed at least 1 inch deep; do not retreat field with a second preemergence application of "Telvar" during the same crop year as injury to the crop may result.

Note: Use of "Telvar" in conjunction with systemic phosphate insecticides (applied as seed treatment or as soil treatment at planting) is NOT recommended as injury to cotton may result.

Late Season (Lay-By)—Arizona and California; other areas on heavy soils only: Use 1 to 1 1/2 lbs. per acre. Do not use on light (sand, loamy sand) soils nor where organic matter is less than 1% as injury to cotton may result. Direct spray to cover the soil beneath cotton plants and between rows, keeping contact with crop plants at a minimum. DO NOT SPRAY OVER TOP OF COTTON. Apply immediately after the last cultivation, but not before the cotton has reached a height of at least 20 inches. In irrigated cotton, best weed control is obtained if the field is irrigated within 3 to 4 days after application; thoroughly wet the surface of the ground over the row to carry the chemical into the root zone of germinating weeds.

Subsequent Crops:

"Telvar"—Type of Application	Crops That May Follow Treated Cotton.
Band preemergence	Any crop 4 months after application.
Broadcast preemergence	Cotton, soybeans, corn or grain sorghums (not sorghos or forage sorghums nor grass sorghums) the next spring. Do not replant treated areas to any other crop within one year after last application as injury to subsequent crops may result.
Lay-by only or Preemergence plus lay by	Cotton, corn, grain sorghums (not sorghos or forage sorghums nor grass sorghums) the next spring. Do not replant treated areas to any other crop within one year after last application as injury to subsequent crops may result.

Note: During a single crop season, do not exceed 2.2 lbs. monuron per acre as injury to subsequent crops may result.

CONTINUED FROM BACK PANEL

PINEAPPLE—Hawaii: Apply 4 to 8 lbs. per acre as a broadcast spray immediately after planting and prior to weed emergence. Use 4 lbs. after harvesting plant crop (for ratoon crop). For plant crop only, a second and third broadcast or interspace application may be made prior to differentiation at the rate of 2 lbs. per acre at intervals of not less than 2 months. Additional applications to plant crop may be made as needed to interspace only using 2 lbs. per acre. Do not apply more than 6 lbs. total per acre between planting (or ratooning) and harvest.

may be made as needed by directed spray inter-row. Do not apply more than 3 treatments nor more than 6 lbs. total per acre between planting (or ratooning) and harvest.

Hawaii and Puerto Rico: Apply 4 to 6 lbs. per acre prior to weed emergence after planting and prior to differentiation at the rate of 2 lbs. per acre at intervals of not less than 2 months. Additional applications to plant crop may be made as needed to interspace only using 2 lbs. per acre. Do not apply more than 6 lbs. total per acre between planting (or ratooning) and harvest.



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DIRECTIONS

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NON-CROP WEED CONTROL

"Telvar" is an effective general herbicide for the control of many annual and perennial grasses and herbaceous weeds on non-cropland areas where bare ground is desired. The degree of control and duration of effect will vary with the amount of chemical applied, soil type, rainfall, and other conditions.

"Telvar" may be used at any time for non-cropland weed control, except when ground is frozen. For weed control, adequate moisture is supplied by rainfall or artificial means to activate the chemical. Best results are obtained if applied shortly before weed growth begins. If dense growth is present, remove tops and spray the ground.

GENERAL WEED CONTROL: To control most weeds for an extended period of time on non-cropland such as UTILITY, HIGHWAY, PIPELINE and RAILROAD RIGHT OF WAYS, PETROLEUM TANK FARMS, LUMBERYARDS, STORAGE AREAS, INDUSTRIAL PLANT SITES, and AROUND FARM BUILDINGS—Apply 5 to 20 lbs. of "Telvar" per acre to control most annual weeds. Use 20 to 60 lbs. per acre for perennial weeds; additional treatment may be required where a longer period of control is desired or when hard-to-kill, deep-rooted perennial weeds such as Johnsongrass are present in low rainfall areas. "Telvar" may not provide satisfactory control of deep-rooted perennial weeds.

IRRIGATION AND DRAINAGE DITCHES: Apply 5 to 20 lbs. per acre to control most annual weeds, use 20 to 60 lbs. per acre to control both annual and perennial weeds. For irrigation ditches apply during the non-crop season, and when ditch is not in use. To minimize movement of "Telvar" with irrigation water (to avoid possible crop injury), it is essential that the herbicide be fixed in the soil by moisture. Apply before expected seasonal rainfall (if possible when soil in the ditch is still moist). Following treatment, if rainfall has not totaled at least 4 inches, fill ditch with water and allow to stand for 72 hours, drain off and waste remaining water before using ditch. Do not treat any ditch into which roots of trees or other desirable plants may extend as injury may result.

FOR SMALL AREAS: One-half cupful of "Telvar" per 100 sq. ft. is approximately 50 lbs. per acre. A hand sprayer or sprinkling can may be used for application; shake or stir frequently.

CONTINUED ON BACK PANEL

SELECTIVE USE IN CROPS

"Telvar" should be used only in accordance with recommendations on this label or in separate published Du Pont recommendations available through local dealer.

"Telvar" selectively controls weed seedlings such as barnyardgrass (watergrass), crabgrass, Colorado bluegrass, Johnson grass, pigweed, purslane, Spanishneedles, ragweed, chickweed, wild mustard, annual morningglory, and lambquarters. Results vary with soil types (the lower rates are effective on the lighter soils and the higher rates on heavier soils and environmental conditions. Moisture is necessary to activate the chemical; best results are obtained if moisture is supplied by rainfall or irrigation within two weeks after application. Soil should be well prepared and as free as possible from trash and clods; any well established weeds should be eliminated by mechanical or other means. Unless otherwise directed, surface of the soil should not be cultivated or disturbed after application of "Telvar" as efficiency may be reduced.

IMPORTANT: Unless otherwise directed, do not replant treated areas to any crop within two years after last application as injury to subsequent crops may result.

ASPARAGUS: Do not apply to newly seeded asparagus nor to young plants during the first growing season after setting nor on plants with exposed roots as severe injury may result. Apply as a band or broadcast treatment. On light, sandy soils and other soils low in clay or organic matter, apply 1 to 2 lbs. per acre (for band application, use proportionately less). On soils high in clay or organic matter, use 2 to 4 lbs. per acre. Two applications may be used; the first application should be made before weeds become established but no earlier than 4 weeks before spear emergence and no later than the early cutting period (if weeds are controlled into the cutting period by cultural practices, application may be delayed until immediately after the last cultivation); a second application may be made immediately following completion of harvest provided rainfall is expected. When two applications are used in one season, do not exceed 3 lbs. per acre per application. In Washington (irrigated crop) apply only a single treatment of 4 lbs. per acre in late November or December.

ORANGES, LEMONS, AND AVOCADOS—California (except Imperial and Coachella Valleys): Use only under trees established in the grove for at least one year. Apply as a directed spray avoiding contact of foliage and fruit with spray or drift. Do not apply under citrus trees that have been subjected to freezing within 6 months; do not apply in home plantings of citrus or in areas where the roots of other valuable plants or trees may extend, do not use on light (sand, loamy sand or gravelly) soils nor where organic matter is less than 1% as injury may result.

Make a single application of 3 to 4 lbs. per acre as a broadcast spray shortly after grove has been laid up in final form (non-tillage program) in late fall or early winter. As an alternative, apply 2 lbs. per acre in October or November, and repeat at the same rate in March or April. Subsequent annual applications of 2 to 3 lbs. will usually give adequate weed control.

COTTON

Preemergence (except Arizona and California): Make a single application as a broadcast or band spray after planting but before cotton emerges. Use at the following rates:

Soil Type*	Broadcast Treatment	
	Lbs. "Telvar" Per Acre (in 25 to 40 Gals. Water)	Lbs. Monuron Applied/Acre
Clay—low organic matter	1.25	1.0
Clay—moderate organic matter	1.6	1.3
Clay—high organic matter	2.0	1.6

*Use only on heavy (clay) soils. For other soil types, use Karmex™ Diuron Weed Killer.

Band Treatment: Use proportionately less, for example, for 14' band on 42" row, use 1/3 of the broadcast rate.

Apply immediately after cotton is planted, wherever possible, planting and spraying should be combined in one operation. For best results, soil should be well prepared and as free as possible from trash and clods. Shallow incorporation (no deeper than 1/4") with a rotary hoe or similar equipment following planting usually improves results particularly during dry weather. A wide press wheel following planting should be used to provide a level seed bed for subsequent early season postemergence treatments.

Treatment usually provides weed control for a period of 3 to 8 weeks. Sufficient moisture (usually 1" to 2") in the form of rainfall or irrigation is necessary after treatment to carry the chemical into the root zone of germinating weeds; best results are obtained when this occurs within 2 weeks after application. If moisture is insufficient to activate "Telvar" or if soil becomes crusted before crop emerges, a shallow rotary hoeing (no deeper than 1/4") should be made before weeds become well established.

If initial seeding fails to produce a stand, cotton may be replanted in soil treated with "Telvar". Wherever possible, avoid disturbing original bed. If necessary to rework soil before replanting, use shallow cultivation such as discing; do not re-list nor move soil into the original drill area; plant seed at least 1 inch deep; do not retreat field with a second preemergence application of "Telvar" during the same crop year as injury to the crop may result.

Note: Use of "Telvar" in conjunction with systemic phosphate insecticides (applied as seed treatment or as soil treatment at planting) is NOT recommended as injury to cotton may result.

Late Season (Lay-By)—Arizona and California; other areas on heavy soils only: Use 1 to 1 1/2 lbs. per acre. Do not use on light (sand, loamy sand) soils nor where organic matter is less than 1% as injury to cotton may result. Direct spray to cover the soil beneath cotton plants and between rows, keeping contact with crop plants at a minimum. DO NOT SPRAY OVER TOP OF COTTON. Apply immediately after the last cultivation, but not before the cotton has reached a height of at least 20 inches. In irrigated cotton, best weed control is obtained if the field is irrigated within 3 to 4 days after application, thoroughly wet the surface of the ground over the row to carry the chemical into the root zone of germinating weeds.

Subsequent Crops:

Telvar Type of Application	Crops That May Follow Treated Cotton
Band preemergence	Any crop 4 months after application
Broadcast preemergence	Cotton, soybeans, corn or grain sorghums (not sorghos or forage sorghums nor grass sorghums) the next spring. Do not replant treated areas to any other crop within one year after last application as injury to subsequent crops may result.
Lay-by only or Preemergence plus Lay-by	Cotton, corn, grain sorghums (not sorghos or forage sorghums nor grass sorghums) the next spring. Do not replant treated areas to any other crop within one year after last application as injury to subsequent crops may result.

Note: During a single crop season, do not exceed 2.7 lbs. monuron per acre as injury to subsequent crops may result.