

JAN 25 1983

Mr. James R. Scott
Kalo Agricultural Chemicals, Inc.
4550 W. 109th Street, Suite 221
Overland Park, KS 66211-1383

Dear Mr. Scott:

Subject: Amendment/Revised Label - (Delete cranberries;
add 1 pound package size; add folder)
DEFY
EPA Registration Number 45989-9
Your Submission of January 13, 1983

The amendment referred to above, submitted in connection with registration under FIFRA is acceptable, provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. On the bag label, in the "Directions for Use" section, add a statement referring the user to the folder at the bottom of the bag for complete directions for use.

b. Also on the bag label, based on the 70° F flash point of your product, the following statement is required under the heading "PHYSICAL OR CHEMICAL HAZARDS.":

Flammable. Keep away from heat and open flame.

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Richard F. Mountfort
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767)

asure

CONCURRENCES

671R-MOUNTFORT:DCR-25202:WANG-0987A:ap:Raven:479-2013:1/21/83

(481)

OFFICIAL FILE COPY

Bag Front

Defy™

LIMITED WARRANTY AND CONDITIONS OF SALE*

KALO AGRICULTURAL CHEMICALS, INC. warrants only that this material conforms to the chemical description on the label and is reasonably fit for use when used strictly as directed hereon and for normal conditions for use. KALO AGRICULTURAL CHEMICALS, INC. NEITHER MAKES NOR AUTHORIZES ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, WHETHER WRITTEN OR ORAL, CONCERNING THE PRODUCT. HANDLING, STORAGE OR IMPROPER CONFINING THIS MATERIAL.

It is the responsibility of the user to read the label and follow the directions on the label. KALO AGRICULTURAL CHEMICALS, INC. does not warrant or assume any liability for damage to crops or property caused by misuse, overuse, or failure to follow directions. Even though the product is reasonably fit for the use stated hereon and even though label directions are followed.

Buyer and user assume weight and use the all such risks and liability which may be assumed by KALO AGRICULTURAL CHEMICALS, INC. under the above conditions of handling, storage and use of this material.

*NOTE: The above Limited Warranty and Conditions of Sale may be affected by local governmental restrictions or laws. For example, some states have laws which prohibit open, implied warranties of fitness and merchantability for certain products. Therefore these limitations may not apply.

Non Volatile Water Soluble 2,4-D Broadleaf Herbicide Crystals

Active Ingredient:
2,4-Dichlorophenoxyacetic acid
45.0
Inert Ingredients
55.0
Net Weight 100.0

ACCEPTED
JAN 25 1983
U.S. Dept. of Agriculture
Federal Insecticide, Fungicide, and Rodenticide Act
Registration No. 11111-1
EPA Reg. No. 11111-1

See side panel and folder on bottom of bag for additional precautionary statements.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See side panel and folder on bottom of bag for additional precautionary statements.

KALO

Manufactured by or for
Kalo Agricultural Chemicals, Inc.
Overland Park, Kansas 66211

NET WEIGHT 1 LB (454 grams)

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid inhalation of spray mist and contact with skin, eyes or clothing. In case of eye contact, flush with water for at least 15 minutes. In case of skin contact, wash with soap and plenty of water. Remove and wash contaminated clothing before reuse. Individuals allergic to pesticides should not use this product.

ENVIRONMENTAL HAZARDS

Do not apply directly to water except as specified on label. Do not apply where run-off is likely to occur. Do not contaminate water used for irrigation or domestic purposes. Excessive amounts of 2,4-D in the soil may temporarily inhibit seed germination or plant growth.

U.S. Patent 4,001,006
E.P.A. Reg. No. 45989-9
E.P.A. Est. No. 45989-IL-1

7 folder
for
Bottom to
Bag

LIMITED WARRANTY AND CONDITIONS OF SALE

1. KALO AGRICULTURAL CHEMICALS, INC. warrants only that this material conforms to the description on the label and is reasonably fit for use when used strictly as directed hereon under normal conditions for use. KALO AGRICULTURAL CHEMICALS, INC. NEITHER MAKES NOR AUTHORIZES ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, WHETHER OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL.

2. Critical and unknown factors beyond the control of KALO AGRICULTURAL CHEMICALS, INC. prevent it from eliminating all risks in connection with the use of this material. Such risks include, but are not limited to, damage to plants and crops to which the material is applied; lack of complete control and damage caused by misapplication or drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed.

Buyer and user acknowledge and assume all such risks and liability except those assumed by KALO AGRICULTURAL CHEMICALS, INC. under 1. above) resulting from handling, storage and use of this material.

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Wing part of the aircraft. DO NOT APPLY WHEN AN AIR TEMPERATURE BARRIER EXISTS. SUCH CONDITION CAN EXIST WITH AIR TEMPERATURES ARE LOWER NEAR THE SURFACE THAN AT HIGHER ALTITUDES. THE use of a combustion engine exhaust at or near site of application is suggested to indicate a possible temperature barrier. Do not layering of the smoke or when dust is suspended in the air.

Drift can occur after application. For example, soil particles having 2-4 D on them may be moved considerable distances by wind storms. The risk of damage from this cause is reduced if treated areas are irrigated or if rain occurs shortly after application.

To avoid injury to desirable plants do not mix DET with other agricultural chemicals. Always ensure spray tanks are thoroughly cleaned before and after using the product.

Many states have laws regarding application of phenoxy herbicides. Because DET is a 2,4-D phenoxy herbicide, it too is subject to applicable local laws and governmental requirements or restrictions. Consult local regulatory agencies concerning requirements before making applications. Consult your Agricultural Extension Specialist for advice in selecting treatments which best fit local conditions. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

DO NOT APPLY DET TO OR PERMIT DET TO COME IN CONTACT WITH 2,4-D SUSCEPTIBLE CROPS AND OTHER DESIRABLE BROADLEAF PLANTS. DET is injurious to most broadleaf plants. Do not permit spray mist containing DET to come in contact with such plants since even very small quantities which may not be visible can cause severe injury. Susceptible crops include cotton, grapes, tobacco, vegetables, flowers, fruit trees, ornamentals and other desirable plants. DO NOT SPRAY WHEN SUSCEPTIBLE PLANTS OR CROPS ARE DOWNWIND.

Ground equipment usually will result in less drift, but drift will occur. Spray only when wind velocity is less than 5 miles per hour. Use coarse sprays. Keep spray boom low, apply 30 gallons or more of spray per acre and use no more than 30 pounds per acre such spraying pressure. Do not apply with nozzles that produce a fine droplet spray.

Aerial application must only be made by operators experienced in the use of 2,4-D herbicides. When aerial application is used, drift can be lessened by using no more than 20 pounds spray pressure, using nozzles which produce a coarse spray pattern, spraying only when wind velocity is less than 5 miles per hour, and spraying as close to the target area as possible. Jet stream nozzles directed straight back and a spray boom no longer than 75% of the area as possible. Jet stream nozzles directed straight back and a spray boom no longer than 75% of the

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

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Do not apply directly to water except as specified on label. Do not apply where run-off is likely to occur. Do not contaminate water used for irrigation or domestic purposes. Excessive amounts of 2,4-D in the soil may temporarily inhibit seed germination or plant growth.



Non Volatile
Water Soluble
2,4-D Broadleaf Herbicide
Crystals
Supplementary Label Information

KALO

Manufactured by or for
Kalo Agricultural Chemicals, Inc.
Overland Park, Kansas 66211

NET WEIGHT 1 LB. (454 GMS.)

% By Wt.	
Active Ingredient:	
Dimethylar. monuron	86.0
2,4-Dichlorophenoxyacetic acid	8.0
Inert Ingredients	100.0

Contains 78.9% 2,4-Dichlorophenoxyacetic acid equivalent by weight.
Read Limited Warranty and Conditions of Sale before buying or using. If terms are not acceptable, return at once unopened for a full refund.

KEEP OUT OF REACH OF CHILDREN
CAUTION
See additional
precautionary statements.

U.S. Patent 4,001,006
E.P.A. Reg. No. 45988-9
E.P.A. Est. No. 45988-IL-1

AVAILABLE

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. **READ AND FOLLOW ALL DIRECTIONS AND USE PRECAUTIONS ON THIS LABEL PRIOR TO APPLICATIONS.**

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Storage. Do not store near fertilizer, seed insecticides or fungicide.

Pesticide Disposal:

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

Container Disposal:

Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.

To prepare the spray solution, add about half of the water to the mixing tank, then add DEFY with agitation and finally the balance of the water with continuing agitation. Use only water. Use 5 to 10 gallons of water to fully dissolve one pound of DEFY. Apply sufficient spray solution to ensure uniform coverage, but at least 5 gallons spray solution per acre.

SELECTIVE WEED CONTROL IN CROPS

Rice: Apply $\frac{1}{2}$ pound of DEFY per acre. Rice plants are sensitive to 2,4-D in early stages of growth. Delay spraying until late stages of tillering, at the first joint development, usually 6 to 9 weeks after crop emergence. Make all treatments well in advance of heading.

Sugarcane: Apply 1 pound of DEFY per acre as fall and spring drill (or band sprays). Apply $1\frac{1}{2}$ pounds DEFY per acre as broadcast spray immediately after layby.

Corn (Field and Sweet) and Sorghum (Milo): Apply $\frac{1}{2}$ to 1 pound DEFY per acre when corn and sorghum are at least 4 to 10 inches tall. Drop nozzles are recommended after the crop reaches 8 to 10 inches in height to keep spray off foliage. Do not apply to corn from tasseling to dough stage. Do not apply to sorghum during flowering or early dough stage. Do not cultivate within 10 days after spraying while plants are brittle. Injury is more likely to occur when the crop is rapidly growing under high temperature and high soil moisture conditions. Where these conditions prevail, use the low rate of $\frac{1}{2}$ pound per acre.

NOTE: Corn and sorghum hybrids vary in tolerance to 2,4-D. Some are easily injured. Spray only varieties known to be tolerant to 2,4-D. Consult the seed company or Agricultural Extension Specialist for this information.

Small Grains not Underseeded with a Legume (Wheat, Oats, and Barley): Apply $\frac{1}{2}$ to $1\frac{1}{2}$ pounds of DEFY per acre. On spring seeded grains use lower rate. Oats are more sensitive to 2,4-D than other grains and should be sprayed in the spring when well established. Spray after the crop is fully tillered and before the boot stage. Do not apply from early boot through milk stage. Do not permit dairy or meat animals to forage or graze treated fields within 2 weeks after treatment. Do not feed treated straw to livestock.

Grass Pastures: Apply $\frac{1}{2}$ to 2 pounds per acre preferably when weeds are small before the bud or early bloom stage. Use the lower rate if annual and biennial weeds are the major problem, the higher rate for perennial weeds. Repeat treatments may be needed for hard-to-kill weeds. Use the same rates after 3 to 4 week interval. Do not use on alfalfa, clover and other legumes. Do not treat newly seeded grass until grass is well established and apply the lower rate. In grass seed fields, make application in spring before head comes into boot. Use $\frac{1}{2}$ to $1\frac{1}{2}$ pounds per acre. In some cases, carpet, buffalo, St. Augustine and dichondra may be injured. Do not graze dairy animals on treated areas within 7 days after treatment.

SELECTIVE WEED CONTROL IN NON-CROP AREAS SUCH AS ALONG HIGHWAYS AND RAILROADS RIGHTS-OF-WAY, DRAINAGE DITCH BANKS AND AROUND FARM BUILDINGS

For spot treatment, apply 1 to 2 pounds per acre in sufficient water to thoroughly wet the weeds. Repeat treatments may be required to kill noxious perennial weeds such as bindweed, whitetop, perennial sow thistle, blue lettuce, bur ragweed, and Canada thistle. Apply on vigorous spring growth to early bloom stage and on fall regrowth.

To control small areas of woody plants, such as willow, honeysuckle, Virginia Creeper, alder and others susceptible to 2,4-D use 2 pounds of DEFY in 100 gallons of water; spray to thoroughly wet plants when in full leaf. Re-treat as necessary for control of regrowth and seedlings. In general, it is better to cut all woody growth and spray suckers when 2 to 4 feet high.

BEST DOCUMENT AVAILABLE

LIMITED WARRANTY AND CONDITIONS OF SALE*

1 KALO AGRICULTURAL CHEMICALS, INC. warrants only that this material conforms to the chemical description on the label and is reasonably fit for use when used strictly as directed hereon under normal conditions for use. KALO AGRICULTURAL CHEMICALS, INC. NEITHER MAKES NOR AUTHORIZES ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, WHETHER OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL.

2 Critical and unforeseeable factors beyond the control of KALO AGRICULTURAL CHEMICALS, INC. prevent it from eliminating all risks in connection with the use of this material. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control and damage caused by misapplication or drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed.

Buyer and user acknowledge and assume all such risks and liability (except those assumed by KALO AGRICULTURAL CHEMICALS, INC. under 1 above) resulting from handling, storage and use of this material.

*NOTE The above Limited Warranty and Conditions of Sale may be affected by local governmental restrictions or laws. For example, some states do not allow any limitation upon implied warranties of fitness and merchantability for certain products. Therefore these limitations may not apply.

Non Volatile Water Soluble 2,4-D Broadleaf Herbicide Crystals

Active Ingredients:

Dimethylammonium 2,4-Dichlorophenoxyacetate 95.0
Inert Ingredients 5.0
100.0

Contains 78.9% 2,4-Dichlorophenoxyacetic acid equivalent by weight.

Read Limited Warranty and Conditions of Sale before buying or using. If terms are not acceptable, return at once unopened for a full refund.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel and folder on bottom of bag for additional precautionary statements.



Manufactured by or for
Kalo Agricultural Chemicals, Inc.
Overland Park, Kansas 66211

NET WEIGHT 1 LB. (454 grams)

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid inhalation of spray mist and contact with skin, eyes or clothing. In case of eye contact, flush with water for at least 15 minutes. In case of skin contact wash with soap and plenty of water. Remove and wash contaminated clothing before reuse. Individuals allergic to pesticides should not use this product.

ENVIRONMENTAL HAZARDS

Do not apply directly to water except as specified on label. Do not apply where run-off is likely to occur. Do not contaminate water used for irrigation or domestic purposes. Excessive amounts of 2,4-D in the soil may temporarily inhibit seed germination or plant growth.

Corn
Curly Dock
Curly Indigo
Dogfennel
Jimsonweed

Mustard
Sunflower
Tansy Mustard
Velvetleaf

The degree of control is dependent upon species, growth and overall growing conditions. Best results tamed when weeds are young and actively growing.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a inconsistent with its labeling.

READ AND FOLLOW ALL DIRECTIONS AND PRECAUTIONS ON THIS LABEL PRIOR TO APPLICATION.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Do not store near fertilizer, seed, insecticide or fungicide.

Pesticide Disposal:

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedure under Subtitle C of the Resource Conservation and Recovery Act.

Container Disposal:

Completely empty bag by shaking and tapping and bottom to loosen clinging particles. Empty into application equipment. Then dispose of bag in sanitary landfill or by incineration if allowed by and local authorities.

To prepare the spray solution, add about half of the balance of the water with continuing agitation. Use 5 to 10 gallons of water to fully dissolve one 1/2 lb. bag of DEFY. Apply sufficient spray solution to insure coverage, but at least 5 gallons spray solution per acre.

U.S. Patent 4,001,006
E.P.A. Reg. No. 45989-9
E.P.A. Est. No. 45989-IL-1

Folder
for
Bottom of
Bag

**LIMITED WARRANTY AND
CONDITIONS OF SALE**

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**Non Volatile
Water Soluble
2,4-D Broadleaf Herbicide
Crystals
Supplementary Label Information**



Manufactured by or for
Kalo Agricultural Chemicals, Inc.
Overland Park, Kansas 66211

NET WEIGHT 1 LB. (454 GMS.)

Active Ingredient:		% By Wt.
Dimethylammonium		
2,4-Dichlorophenoxyacetate		98.0
Inert Ingredients		2.0
		100.0

Contains 78.9% 2,4-Dichlorophenoxyacetic acid equivalent by weight.

Read Limited Warranty and Conditions of Sale before buying or using. If terms are not acceptable, return at once unopened for a full refund.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional
precautionary statements.

U.S. Patent 4,061,006
E.P.A. Reg. No. 45889-9
E.P.A. Est. No. 45889-IL-1

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid inhalation of spray mist and contact with skin, eyes or clothing. In case of eye contact, flush with water for at least 15 minutes. In case of skin contact, wash with soap and plenty of water. Remove and wash contaminated clothing before reuse. Individuals allergic to pesticides should not use this product.

ENVIRONMENTAL HAZARDS

Do not apply directly to water except as specified on label. Do not apply where run-off is likely to occur. Do not contaminate water used for irrigation or domestic purposes. Excessive amounts of 2,4-D in the soil may temporarily inhibit seed germination or plant growth.

PHYSICAL OR CHEMICAL HAZARDS

DO NOT APPLY DEFY TO OR PERMIT DEFY TO COME IN CONTACT WITH 2,4-D SUSCEPTIBLE CROPS AND OTHER DESIRABLE BROADLEAF PLANTS. DEFY is injurious to most broadleaf plants. Do not permit spray mist containing DEFY to come in contact with such plants since even very small quantities which may not be visible can cause severe injury. Susceptible crops include cotton, grapes, tobacco, vegetables, flowers, fruit trees, ornamentals and other desirable plants. DO NOT SPRAY WHEN SUSCEPTIBLE PLANTS OR CROPS ARE DOWNWIND.

Ground equipment usually will result in less drift, but drift still may occur. Spray only when wind velocity is less than 5 miles per hour. Use coarse sprays, keep spray boom low, apply 20 gallons or more of spray per acre and use no more than 20 pounds per square inch spraying pressure. Do not apply with nozzles that produce a fine droplet spray.

Aerial application must only be made by applicators experienced in the use of 2,4-D herbicides. When aerial application is used, drift can be lessened by using no more than 20 pounds spray pressure, using nozzles which produce a coarse spray pattern, spraying only when wind velocity is less than 5 miles per hour, and spraying as close to the target area as possible. Use straight stream nozzles directed straight back and a spray boom no longer than 75% of the

wing span of the aircraft. DO NOT APPLY WHEN AN AIR TEMPERATURE INVERSION EXISTS. SUCH CONDITION CAN EXIST WHEN AIR TEMPERATURES ARE LOWER NEAR THE SURFACE THAN AT HIGHER ALTITUDES. The use of a continuous smoke column at or near site of application is suggested to indicate a possible temperature inversion by layering of the smoke or when dust is suspended in the air.

Drift can occur after application. For example, soil particles having 2,4-D on them may be moved considerable distances by wind storms. The risk of damage from this cause is reduced if treated fields are irrigated or if rain occurs shortly after application.

To avoid injury to desirable plants do not mix DEFY with other agricultural chemicals. Always ensure spray tanks are thoroughly rinsed and cleaned before and after using this product.

Many states have laws regarding application of phenoxy herbicides. Because DEFY is a 2,4-D phenoxy herbicide, it too is subject to applicable local laws and governmental requirements or restrictions. Consult local regulatory agencies concerning requirements before making applications. Consult your Agricultural Extension Specialist for advice in selecting treatments which best fit local conditions. Apply this product only as specified on this label.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. **READ AND FOLLOW ALL DIRECTIONS AND USE PRECAUTIONS ON THIS LABEL PRIOR TO APPLICATIONS.**

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Storage: Do not store near fertilizer, seed, insecticides or fungicide.

Pesticide Disposal:

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

Container Disposal:

Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.

To prepare the spray solution, add about half of the water to the mixing tank, then add DEFY with agitation and finally the balance of the water with continuing agitation. Use only water. Use 5 to 10 gallons of water to fully dissolve one pound of DEFY. Apply sufficient spray solution to ensure uniform coverage, but at least 5 gallons spray solution per acre.

SELECTIVE WEED CONTROL IN CROPS

Rice: Apply $\frac{1}{2}$ pound of DEFY per acre. Rice plants are sensitive to 2,4-D in early stages of growth. Delay spraying until late stages of tillering, at the first joint development, usually 6 to 9 weeks after crop emergence. Make all treatments well in advance of heading.

Sugarcane: Apply 1 pound of DEFY per acre as fall and spring drill (or band sprays). Apply $1\frac{1}{2}$ pounds DEFY per acre as broadcast spray immediately after layby.

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NOTE: Corn and sorghum hybrids vary in tolerance to 2,4-D. Some are easily injured. Spray only varieties known to be tolerant to 2,4-D. Consult the seed company or Agricultural Extension Specialist for this information.

Small Grains not Underseeded with a Legume (Wheat, Oats, and Barley): Apply $\frac{1}{2}$ to $1\frac{1}{2}$ pounds of DEFY per acre. On spring seeded grains use lower rate. Oats are more sensitive to 2,4-D than other grains and should be sprayed in the spring when well established. Spray after the crop is fully tillered and before the boot stage. Do not apply from early boot through milk stage. Do not permit dairy or meat animals to forage or graze treated fields within 2 weeks after treatment. Do not feed treated straw to livestock.

Grass Pastures: Apply $\frac{1}{2}$ to 2 pounds per acre preferably when weeds are small before the bud or early bloom stage. Use the lower rate if annual and biennial weeds are the major problem, the higher rate for perennial weeds. Repeat treatments may be needed for hard-to-kill weeds. Use the same rates after 3 to 4 week interval. Do not use on alfalfa, clover and other legumes. Do not treat newly seeded grass until grass is well established and apply the lower rate. In grass seed fields, make application in spring before head comes into boot. Use $\frac{1}{2}$ to $1\frac{1}{2}$ pounds per acre. In some cases, carpet, buffalo, St. Augustine and dichondra may be injured. Do not graze dairy animals on treated areas within 7 days after treatment.

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For spot treatment, apply 1 to 2 pounds per acre in sufficient water to thoroughly wet the weeds. Repeat treatments may be required to kill noxious perennial weeds such as bindweed, whitetop, perennial sow thistle, blue lettuce, bur ragweed, and Canada thistle. Apply on vigorous spring growth to early bloom stage and on fall regrowth.

To control small areas of woody plants, such as willow, honeysuckle, Virginia Creeper, alder and others susceptible to 2,4-D use 2 pounds of DEFY in 100 gallons of water; spray to thoroughly wet plants when in full leaf. Re-treat as necessary for control of regrowth and seedlings. In general, it is better to cut all woody growth and spray suckers when 2 to 4 feet high.

DEFY IS NOT AVAILABLE

JAN 25 1983

Mr. James R. Scott
Kalo Agricultural Chemicals, Inc.
4550 W. 109th Street, Suite 222
Overland Park, KS 66211-1383

Dear Mr. Scott:

Subject: Amendment/Revised label - (Delete cranberries;
add 1 pound package size; add folder)
DEPY
EPA Registration Number 45989-9
Your Submission of January 13, 1983

The amendment referred to above, submitted in connection with registration under FIFRA is acceptable, provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. On the bag label, in the "Directions for Use" section, add a statement referring the user to the folder at the bottom of the bag for complete directions for use.

b. Also on the bag label, based on the 70° F flash point of your product, the following statement is required under the heading "PHYSICAL OR CHEMICAL HAZARDS":

Flammable. Keep away from heat and open flame.

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Richard P. Mountford
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767)

Enclosure		CONCURRENCES					
SYMBOL							
SURNAME							
DATE	TS-767:R. MOUNTFORD:DR-25202:WANG-0987A:ag:Raven:479-2013:1/21/83						

EPA Form 1320-1 (4-81) OFFICIAL FILE COPY