

554-83

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ACCEPTED

DEC 27 1961

UNION PACIFIC
FUNGICIDE AND WEED KILLER ACT
FOR ECONOMIC TOBACCO REGISTERED
UNDER NO. 554-83

AGSCO 400 ESTER
4 Lbs. Acid Per Gallon

ACTIVE INGREDIENTS

Isocetyl Ester of 2,4-Dichlorophenoxyacetic
Acid.....67.5%

INERT INGREDIENTS.....32.5%

TOTAL.....100.0%

2,4-Dichlorophenoxyacetic Acid Equivalent..... 44.7%

Licensed under U. S. Patents 2,396,513; 2,390,941, Re 23,115

A WEED KILLER
A LOW VOLATILE FORMULATION

CAUTION !

Avoid contact with skin and eyes and clothing. Volatile product. Avoid inhalation. Avoid spray drift to susceptible plants as this product may injure cotton, beans, peas, ornamentals, etc. (Coarse sprays are less likely to drift). Do not use spray equipment for other purposes. Do not store near fertilizers, seeds, insecticides, or fungicides.

DESTROY EMPTY CONTAINER, CRUSH AND BURY, DO NOT BURN
Protect from Temperatures below zero

DIRECTIONS

AGSCO 400 ESTER is a selective spray used for the control of susceptible weeds in growing small grain crops, corn, lawns and turfs. It can also be used as a non-selective spray for the control of certain deep rooted perennials and woody plants not in growing crops. Best results are obtained from 2,4-D application when soil and climatic conditions are conducive to rapid weed growth.

The following dosages are suggested on growing resistant crops for the control of susceptible weeds, such as mustard, Frenchweed, arrowhead, cocklebur, dandelion, gumweed, march elder, hedge binweed, pigweed, ragweed, field horsetail, plantain and similar susceptible species.

WHEAT, OATS, RYE-- Use $\frac{1}{2}$ to 1 pint of AGSCO 400 ESTER per acre in sufficient water to obtain good coverage. It is recommended that the lower dosage be used for more susceptible weeds, where as the higher dosage level may be necessary for the control of more resistant weeds such as Canada thistle. Make application only between the stooling and joint stages.

CORN--Use $\frac{1}{2}$ to 1 pint AGSCO 400 ESTER per acre in sufficient water to obtain good coverage with the spray equipment at hand. Make application following emergence of majority of weeds but before weeds have damaged the corn. Strains and varieties of corn vary in their tolerance to 2,4-D and in particular care should be exercised in using ester formulations.

GRASSES, LAWNS, TURFS--Use $\frac{1}{3}$ to $\frac{1}{2}$ pint of AGSCO 400 ESTER per acre in sufficient water to obtain good coverage. Grass seedlings in general are susceptible to the action of 2,4-D and hence should not be sprayed until a well developed root system or sod is established.

DEEP ROOTED PERENNIALS AND WOODY PLANTS--Use 1 1/2 to 3 pints AGSCO 400 ESTER per acre in sufficient water to insure good coverage. In the control of plants such as willows and poison oak, it is necessary to have thorough coverage. Certain weeds and woody plants will form new growth after treatment and repeat applications may be necessary.

Growing crop plants are more susceptible to the action of 2,4-D esters than other types of 2,4-D formulations and should, therefore, be used with caution. Inasmuch as esters are somewhat volatile, care should be exercised in using them where the vapors are likely to be carried to adjoining desirable plants (Coarse sprays are less likely to drift).

WARNING

DO NOT apply 2,4-D sprays direct to flowers, fruits, vegetables, grapes, ornamentals, cotton or other desirable plants. Even minute quantities of 2,4-D spray drift or mist may cause severe injury to beneficial or desirable plants, hence caution must be exercised in using this chemical in close proximity to such plants.

DO NOT use on lawns or creeping bent, St. Augustine grass, freshly seeded or closely cut lawns. Legumes, such as white clover, are susceptible to the action of 2,4-D and will be severely damaged or killed.

DO NOT contaminate irrigation ditches or water used for domestic purposes.

Excessive amounts of 2,4-D in the soil may temporarily inhibit seed germination and plant growth.

DO NOT store 2,4-D products near fertilizers, seeds, insecticides or fungicides.

DO NOT use 2,4-D spray equipment for any purpose other than 2,4-D. Such equipment should not be used for the application of insecticides, fungicides or other agricultural chemicals.

WARRANTY

AGSCO CHEMICALS, INC. warrants (its liability being limited to the purchase price of the product named on this label) that this product consists of ingredients specified, but makes no other warranty or representation of any kind, express or implied, including any warranty or representation regarding the effect or result of this product's use, whether or not the product is used in accordance with directions, and shall have no responsibility whatsoever for injury to persons or loss or damage to property, resulting from the handling, storage or use of this product. The user or buyer shall be deemed to have accepted these conditions, which may be varied only by agreement in writing signed by a duly authorized representative of the above-named company.