



SPECIMEN LABEL



VERTON® T

HERBICIDE

FOR APPLICATION AS AN INVERTED EMULSION TO CONTROL UNDESIRABLE HERBACEOUS WEEDS, BRUSH, VINES AND OTHER WOODY PLANTS.

Active Ingredient:
 2,4,5-Trichlorophenoxyacetic Acid, Propylene Glycol
 (C₂H₃O to C₂H₁₁O₂) Butyl Ether Esters 68.0%

Inert Ingredients 32.0%

Acid Equivalent:
 2,4,5-Trichlorophenoxyacetic Acid 44.3%—4 lb/gallon

E.P.A. Registration No. 464-308 E.P.A. Est. 464-MI-i

AGRICULTURAL CHEMICAL

Do Not Ship or Store with Food, Feeds, or Clothing

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

TRANSLATION: (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

USE DIRECTIONS

General Information: VERTON T herbicide is designed to be used as a thick inverted oil water spray emulsion to minimize spray drift. Application should be made only with equipment designed for use with high viscosity (thickness) spray, use nozzles with large orifices and spray at low pressure (15-30 psi). VERTON T may be applied with either ground or aerial equipment to control unwanted plants growing in non-cropland areas including right of ways for power and communication lines, pipelines, railroads, highways, and for forestry uses. It is effective for control of ailanthus, ash, brambles, curly indigo, elm, ground cherry, gum, hickory, horse-nettle, locust, maple, Mexican weed oak, poison ivy, sassafras, sumac, Virginia creeper and many other vines and other herbaceous and woody plants. Apply when the leaves are well developed and the plants are actively growing. For best results the volume of spray mixture used should not be less than 10 gallons per acre, with 15-20 gallons per acre providing improved plant coverage.

Amounts to Use: For the control of 2,4,5-T susceptible herbaceous weeds and woody vines such as brambles, poison ivy, Virginia creeper, Mexican weed, curly indigo, ground cherry and horse-nettle use VERTON T at rates to give 2 to 6 pounds acid equivalent per acre. For brush species most susceptible to 2,4,5-T such as ailanthus, locust, sassafras and sumac use VERTON T at rates to give 4 to 6 pounds of acid equivalent per acre. For harder to kill brush and trees such as ash, elm, hickory, maple and oak use at rates to give 8 to 12 pounds of acid equivalent per acre. To control competing hardwood species or *release of conifers* use VERTON T at rates to give 2 to 6 pounds of acid equivalent per acre.

Apply VERTON T in the total volume desired and as determined by reference to the accompanying MIXING PROPORTIONS table.

Mixing Instructions: To a clean dry spray tank, equipped with good mechanical agitation, add the required amounts of VERTON T and No. 2 fuel oil or kerosene, and vigorously agitate until thoroughly mixed. Then, with continued agitation add the amount

of water required to give the total amount of spray needed. After the water has been added, and with continued agitation, re-cycle the mixture through the spray pumping system back into the tank to develop the desired viscosity (thickness). Minor variations in thickness may be obtained by adding a small amount of water to increase the thickness or a small amount of oil to decrease the thickness. The accompanying MIXING PROPORTIONS table shows the amount of each spray ingredient to be used to prepare various sized batches of total spray, based on the pounds of acid equivalent required per acre.

MIXING PROPORTIONS*

Pounds of acid equivalent desired/acre	Total gallons of spray desired/acre	Gallons of VERTON T to use	Gallons of oil to use	Gallons of water to use
2	10	.5	1.25	8.25
4	10	1.0	1.0	8.0
6	10	1.5	0.75	7.75
6	12	1.5	1.0	9.5
4	15	1.0	2.0	12.0
6	15	1.5	1.5	12.0
8	15	2.0	1.25	11.75
10	15	2.5	1.0	11.5
12	15	3.0	0.75	11.25
4	20	1.0	2.5	16.5
6	20	1.5	2.5	16.0
8	20	2.0	2.0	16.0
10	20	2.5	1.75	15.75
12	20	3.0	1.5	15.5

*The amounts of each component may be proportionally increased or decreased if larger or smaller batches are to be mixed. However, the ratio of the components should be kept constant regardless of the batch size needed.

Large batches of the invert emulsion may be pre-mixed before the day's spraying operation begins. If unexpected delays occur during the spray operations, the pre-mixed VERTON T will remain relatively stable as an inverted emulsion for reasonable periods of time. Should a separation of the emulsion occur upon standing, the inverted emulsion is easily reconstituted by re-agitation.

USE PRECAUTIONS

Do not let VERTON T or spray mixtures containing it come into contact with vegetables, flowers, grapes, fruit trees, ornamentals, cotton, or other desirable plants which are sensitive to 2,4,5-T since even minute quantities may cause injury to such plants during the growing or dormant period. Applications by either aircraft or groundings should be made only when there is no hazard from drift. Do not apply by aircraft in the vicinity of cotton, grapes or other desirable vegetation susceptible to 2,4,5-T. At higher temperatures, vaporization may cause injury to susceptible plants growing nearby. Excessive amounts of this herbicide in the soil may temporarily inhibit seed germination. Do not contaminate irrigation ditches or water used for domestic purposes. Do not store near fertilizers, seeds, insecticides or fungicides. To avoid injury to desirable plants, do not store, handle or apply other agricultural chemicals with the same containers or equipment used for VERTON T herbicide.

Be sure that use of this product conforms to all applicable regulations. Local conditions may effect the use of herbicides. State Agricultural Experiment Stations or Extension Service Weed Specialists in many states issue recommendations to fit local conditions.

Do not use around the home or recreation areas.

- 1 Other agricultural chemicals should not be added to spray containing VERTON T. The emulsifiers used in many conventional sprays may not be compatible to those of VERTON T.
- 2 Avoid use of VERTON T during unusually high temperatures since considerable thinning of the spray mix as an inverted emulsion may result. The temperature of the spray solution should not exceed 90 F. Even though the inverted emulsion formed by the mixing of VERTON T is a thicker spray mixture which drifts less than conventional spray mixtures during applications, care must still be taken to avoid drift of spray droplets on to susceptible desirable vegetation.
- 3 Coarse sprays are less likely to drift, therefore, nozzles with large orifices and a low spraying pressure (15 to 30 psi) should be used. Vapors from this product may cause injury to susceptible plants in the immediate vicinity.

Cleaning of Equipment and Disposal of Waste: Equipment such as tanks, lines, booms, nozzles and containers used in the handling and application of VERTON T should be flushed after use with oil such as diesel or No. 2 fuel oil. Dispose of flushing and rinse waters by burying in non-cropland areas away from water supplies. Used containers should be disposed of by punching holes in them and burying with waste.

This product is toxic to fish. Keep out of lakes, streams and ponds. Apply only as specified on the label.

Do not graze dairy animals on treated areas within six weeks after application. Do not graze meat animals on treated areas within two weeks of slaughter.

CAUTION

KEEP OUT OF REACH OF CHILDREN
HARMFUL IF SWALLOWED • MAY CAUSE SKIN IRRITATION
Avoid Contact with Eyes, Skin and Clothing

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

Licensed for use under U.S. Patent No. 3,189,430

NET CONTENTS GALLONS

THE DOW CHEMICAL COMPANY

MIDLAND, MICHIGAN 48640

E375

86-1199 PRINTED IN U.S.A. IN MARCH, 1975

REPLACES SPECIMEN LABEL 86-1199 PRINTED IN DECEMBER, 1974
DISCARD PREVIOUS SPECIMEN LABELS

REVISIONS INCLUDE: (1) ANIMAL GRAZING RESTRICTIONS ADDED
(2) DO NOT USE AROUND HOME OR RECREATION AREAS ADDED.

SPECIMEN LABEL

ACCUMULATED

464325

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Acetic Acid 44.3% - 4 lb/gallon
E.P.A. Est. 464-MI-1

NATURAL CHEMICAL with Food, Feeds, or Clothing

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DIRECTIONS

VERTON T herbicide is designed to be used as a thick inverted emulsion spray. Application should be made only with high viscosity (thickened) spray use nozzles with pressure (15-30 psi). VERTON T may be applied with spray control unwanted plants growing in non-cropland areas and communication lines, pipelines, railroads. It is effective for control of alantus, ash, brambles, gum hickory, hosenettle, locust, maple, Mexican sumac, Virginia creeper and many other vines and trees. Apply when the leaves are well developed and the best results the volume of spray mixture used should be 15-20 gallons per acre providing improved

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NOTICE: It is the warranty of the product manufacturer that the product will perform as described on the label for the purposes stated on the label when used as directed and with the proper application equipment. However, the manufacturer does not warrant that the product will perform as described on the label for any other purpose. THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, EXPRESS OR IMPLIED, IS LIMITED TO THE PRODUCT AS DESCRIBED ON THE LABEL. THE USER ASSUMES ALL LIABILITY FOR THE PROPER USE OF THE PRODUCT. The product is registered under U.S. Patent No. 3,189,430.

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