

PM 25 62719-17 1072

SPECIMEN LABEL
REDUCED TO 84%

ACCEPTED

JUL 11 1984

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 764-421

SPECIMEN LABEL
7/15/84

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

Tordon* K

BEST AVAILABLE COPY

Herbicide

Active Ingredients:

Picloram (4-amino-3,5,6-trichloropicolinic acid),
as the potassium salt 24.8%

Inert Ingredients: 75.2%

Acid Equivalent:

Picloram (4-amino-3,5,6-trichloropicolinic acid) - 20.5% - 2 lb/gal
E.P.A. Registration No. 464-421
E.P.A. Est. 484-88-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

AVISO: PRECAUCION AL USUARIO:

Si usted no lee inglés, no use este producto hasta que la etiqueta le hayá sido explicada ampliamente.

PRECAUTIONARY STATEMENTS

**Hazards to Humans and Domestic Animals
MAY BE HARMFUL IF SWALLOWED • MAY CAUSE
IRRITATION**

**Avoid Contact With Eyes, Skin, Or Clothing • Avoid
Breathing Spray Mist • Keep Container Closed • Wash
Thoroughly After Handling**

Statement of Practical Treatment:

In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Call a physician. Do not induce vomiting or give anything by mouth to an unconscious person.

Environmental Hazards

Do not apply directly to water. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate irrigation ditches or water used for irrigation or domestic purposes.

In case of an emergency endangering life or property involving this product, call collect

517-636-4400

AGRICULTURAL CHEMICAL

Do Not Ship or Store with Foods, Feeds, Drugs or Clothing

86-1249 PRINTED IN U.S.A. IN MARCH, 1984.

REPLACES SPECIMEN LABEL 86-1249 PRINTED IN JANUARY, 1983.

DISCARD PREVIOUS SPECIMEN LABELS.

REVISIONS INCLUDE: ADDITION OF HIGH VOLUME LEAF STEM TREATMENT AND TO CHANGE TO GENERIC LISTING OF TANK MIX PRODUCTS.

GENERAL INFORMATION

TORDON K Herbicide is recommended for control of unwanted susceptible annual and perennial broadleaf weeds, woody plants, and vines on non-crop areas including forest planting sites, industrial manufacturing and storage sites, right-of-ways such as electrical power lines, communication lines, pipelines, roadsides, and railroads.

Among the annual and perennial broadleaf weeds controlled by TORDON K are Arichoke Thistle, Abeynth wormwood, Bouncingbet, Broom Snakeweed, Burroweed, Burrage, Canada Thistle, Chicory, Clover, Dock, Fleabane, Field Bindweed, Goldenrod, Horse-nettle, Knotweeds, Larkspur, Leafy Spurge, Locoweed, Lupines, Milkweeds, Musk Thistle, Rush Snakeweed, Russian Thistle, Southwistle, Scotch Thistle, Starthistles, Taraxacum, Toadflax, Wild Carrot, Wild Parsnip.

Among the woody plants and vines controlled by TORDON K are Aspen, Blackberries, Buttonbush, Cactus species, Catclaw acacia, Cedar, Chapparal species, Dogwood, Douglas Fir, Fir, Fringed Sagebrush, Gorse, Guava, Gum, Hawthorn, Hickory, Juniper, Lantana, Liveoak, Locust, Maple, Mesquite, Oak, Persimmon, Pine, Poison Oak, Poplars, Rabbitbrush, Salmonberry, Sassafras, Sourwood, Spruce, Sumac, Trumpet-creeper, Willows.

DIRECTIONS FOR USE

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

Use TORDON K Herbicide at rates of 1/4 to 4 quarts per acre to control broadleaf weeds, woody plants, and vines. TORDON K may be tank mixed with Dow recommended 3.8 lb/gal or 5.5 lb/gal 2,4-D amine or low volatile ester, Amicol, Amilor T, Ervart 171 and Weedone 2,4-DP at label approved rates to control mixed plant species. In tank mix combinations use 1/4 to 4 quarts of TORDON K per acre, with 1 to 8 quarts of 2,4-D 3.8 lb/gal amine or low volatile ester, Amilor T and Weedone 2,4-DP, or with 3/3 to 5-1/3 quarts of 5.5 lb/gal 2,4-D low volatile ester or with 4 pounds of Amicol. In all cases use the amounts specified in enough water to give thorough and uniform coverage of the plants to be controlled.

To Prepare Water-Based Sprays containing TORDON K Herbicide, add the total required amount of water to the spray tank. When using Nalco-Trol drift control additive, add at rates specified on its container while using continuous agitation. Next add the required amount of TORDON K. If a tank mixture of herbicides is to be used, add the required amount of 2,4-D 3.8 lb/gal amine or low volatile ester, Amicol, Amilor T or Weedone 2,4-DP if needed, a surfactant should be added last. Continuous agitation should be maintained while mixing the spray.

Observe all use precautions listed on this label.

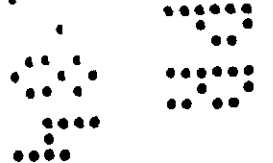
High Volume Leaf-Stem Treatment: Use TORDON K at the rate of 1/2 to 4 quarts in enough water to make 100 gallons of spray to control vines and other woody plants. To control additional species, mix 1/2 to 1 quart of TORDON K with 4 to 8 quarts of 5.5 lb/gal 2,4-D low volatile ester or Amilor T or with 4 pounds of Amicol and dilute to make 100 gallons of spray. One quart of a surfactant such as Surfact Spray Adjuvant per 100 gallons of spray mixture should be added when Amicol or Amilor T is used.

Apply after the foliage is well developed and in a manner to give thorough spray coverage. Use a drenching spray and wet all leaves, stems, and root collars. For hard-to-bill species such as hickory and oak, seek the nail around the root collar. Up to 400 gallons of spray per acre may be required for adequate coverage of solid stands of brush.

Spot Treatment of Broadleaf Weeds: Use 1/4 to 4 quarts of TORDON K Herbicide in 100 gallons of water and spray weed foliage uniformly using 50 to 100 gallons of spray per treated acre. In tank mix combinations, use 1/4 to 1 quart of TORDON K with 1 to 2 quarts of 2,4-D 3.8 lb/gal amine or low volatile ester or with 2/3 to 1-1/3 quarts of 5.5 lb/gal 2,4-D low volatile ester.

Broadleaf Ground or Aerial Foliage Treatment: For these uses the required amount of TORDON K should be applied in a total spray volume of 5 to 50 gallons per acre, depending upon the plant species, height and density of growth. The preferred volume range is 15 to 50 gallons per acre.

Do Not use for manufacturing or formulating.



SL2600

SPECIMEN LABEL

(BACK)

REDUCED TO 94%

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Broadleaf Annual and Perennial Weed and Woody Vine Control: Use TORDON K Herbicide at rates of 1/4 to 4 quarts per acre in 15 to 50 gallons of water spray mixture. Apply to problem weeds and vines any time after growth begins in the spring before full bloom and late in summer or fall. Suggested rates to control several broadleaf weeds are shown in the table below.

Weed Species	Rate of TORDON K Per Treated Acre
Yellow Starthistle, Scotch Thistle, Musk Thistle, Ox-eye Daisy	1/4 to 1/2 quart
Artichoke Thistle, Diffuse Knapweed, Spotted Knapweed, Herbena, Buffalobur, Lupines, Locoweeds, Broom Snakeweed	1/2 to 1 quart
Prickly Pear and Cholla Cactus, Burroweed, Plains Larkspur	1 to 2 quarts
Canada Thistle, Rush Skeletonweed, Russian Knapweed, Dalmatian Toadflax, White Horsenettle	2 to 3 quarts
Tall Larkspur, Leafy Spurge, Field Bindweed, Poison Oak	3 to 4 quarts

TORDON K Herbicide may be tank mixed with 3.8 lb/gal 2,4-D amine or low volatile ester for use on areas having mixed species including those which respond well to 2,4-D. In tank mix combinations, use 1/4 to 1 quart TORDON K Herbicide with 1 to 2 quarts of 3.8 lb/gal 2,4-D amine or low volatile ester or with 2/3 to 1-1/3 quarts of 5.6 lb/gal 2,4-D low volatile ester.

Woody Plant Control: Suggested rates to control several woody plants are shown in the table below.

Plant Species	Rate of TORDON K Per Treated Acre
Rabbitbrush, Mesquite	1/2 to 1 quart
Calceolaria	1 to 2 quarts
Pinyon, Juniper, Chaparral, Gorse, Willows, Poplars, Douglas Fir, Cedars	2 to 3 quarts
Gambel Oak, Liveoak, Poison Oak	3 to 4 quarts

For difficult to control woody species such as balsam fir, black or Sitka spruce, gums, hickory, maple, oaks, and sourwood, use 3 to 4 quarts of TORDON K with 6 to 8 quarts of 3.8 lb/gal 2,4-D low volatile ester, or with 4 to 5-1/3 quarts of 5.6 lb/gal 2,4-D low volatile ester. To control maple, conifers and root-suckering species such as sassafras, sumac, black locust, persimmon, salmonberry, blackberry and western dewberry apply a mixture of 1-1/2 to 3 quarts of TORDON K plus 4 to 10 quarts of 3.8 lb/gal 2,4-D low volatile ester or Weedone 2,4-DP, or plus 2-2/3 to 6-2/3 quarts of 5.6 lb/gal 2,4-D low volatile ester.

Invert Emulsions with Envert 171: TORDON K Herbicide can be applied as an invert emulsion tank mix combination spray with Envert 171 Woody Plant Herbicide. Consult label directions for Envert 171 Woody Plant Herbicide to determine recommended use.

Use of TORDON K with Envert 171 herbicide results in a thick invert water-in-oil spray emulsion designed to minimize spray drift. Such an emulsion may be formed in a single tank (Batch Mixing) or flash inverted (Flash Mixing). For specific instructions, see Envert 171 label.

Where root-suckering species such as sumac, sassafras, locust and black gum predominate, mix 3 gallons of Envert 171 plus 1-1/2 quarts TORDON K Herbicide with 9 gallons of water for each acre to be sprayed.

Where harder to control species such as red maple, elm or oaks are present, mix 5 to 6 gallons of Envert 171 plus 1 to 3 quarts of TORDON K with 15 to 18 gallons of water for each acre to be sprayed.

AMDON, WEEDONE, AMZOL, MICROFOL, SURFEL, ENVERT 171 and AMITROL T are trademarks of Union Carbide.

NALCO-TROL is a trademark of NALCO Chemical Company.

STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Pesticide Disposal: Pesticide, spray, mixture, or rinse that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

Container Disposal: Do not re-use containers for TORDON K Herbicide for any purpose. Dispose by puncturing holes in them and burying with waste or by taking to an approved landfill. Where indicated, follow official local container disposal regulations.

Rinse application equipment after use, at least three times with water, and dispose of rinse water in a non-cropland area away from water supplies.

General: Consult federal, state or local disposal authorities for approved alternative procedures.

USE PRECAUTIONS

Use this product only as specified on this label. Observe any special use and application restrictions and limitations, including method of application and permissible areas of use as promulgated by state authorities.

Do Not Contaminate Water Intended for Irrigation or Domestic Purposes: To avoid injury to crops or other desirable plants, do not treat or allow spray drift to fall onto innerbanks or bottom of irrigation ditches, either dry or containing water, or other channels that carry water that may be used for irrigation purposes.

Do Not Apply or Otherwise Permit TORDON K Herbicide or Sprays Containing TORDON K Herbicide to Contact Crops or Other Desirable Broadleaf Plants including but not limited to alfalfa, beans, cotton, grapes, melons, peas, potatoes, safflower, soybeans, sugar beets, sunflower, tobacco, tomatoes, and other vegetable crops, flowers, fruit plants, ornamentals or shade trees.

Control Planting Intervals vary. Pines planted sooner than six months after treatment with TORDON K may be injured in the South or west of the Cascade Mountains. Other conifers, west of the Cascade Mountains, may be injured if planted sooner than 8 to 9 months after treatment. For all conifers, the waiting period between treatment and planting should be 11 to 12 months in the area between the Cascade and Rocky Mountains and 8 to 9 months in the Lake States and the Northeastern U.S.

Avoid Injurious Spray Drift. Applications should be made only when there is little or no hazard from spray drift. Very small quantities of spray, which may not be visible, may seriously injure susceptible plants. Do not spray when wind is blowing toward susceptible crops or ornamental plants near enough to be injured. It is suggested that a continuous smoke column at or near the spray site or a smoke generator on the spray equipment be used to detect air movement, lapse conditions, or temperature inversions (stable air). If the smoke layers or indicates a potential of hazardous spray drift, do not spray.

To aid in reducing spray drift, this product should be applied with a Microfoil boom or an equivalent drift control system as a thick invert emulsion or with a spray thickening agent such as Nalco-Trol or its equivalent. If a spray thickening agent is used, follow all use recommendations and precautions on the product label. Do not use a thickening agent with the Microfoil boom or other systems that cannot accommodate thick sprays.

Ground Equipment: With ground equipment, spray drift can be reduced by keeping the spray boom as low as possible, by applying 20 gallons or more of spray per acre, by using no more than 40 pounds spraying pressure with large droplet producing nozzle tips, and by spraying when wind velocity is low. Do not apply with hollow cone-type insecticide or other nozzles that produce a fine droplet spray.

High Volume Leaf-Stem Treatment: To minimize spray drift, do not use pressure exceeding 50 psi at the spray nozzle and keep sprays no higher than brush tops. Nalco-Trol thickening agent or equivalent may be used to reduce spray drift.

Aerial Application: With aircraft, drift can be lessened by applying a coarse spray, by using no more than 30 pounds spray pressure at the nozzles; by using straight stream nozzles directed straight back; by using a spray boom no longer than 3/4 the rotor or wing length; by spraying only when wind velocities are low; and by using approved drift control systems.

Do not move treated soil to other areas. Do not use it to grow plants, unless adequate sensitive bioassay or chemical tests show that no detectable picloram is present in the soil.

Be sure that use of this product conforms to all applicable regulations.

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.

U.S. Patent No. 3,285,925

87096-G384

18.93 L/5 gal net



THE DOW CHEMICAL COMPANY
Midland, Michigan 48640 U.S.A.

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