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Tanzene®

Herbicide

For control of weeds in
noncrop areas

ACCEPTED
OCT 25 1983
Under the provisions of the
Federal Insecticide, Fungicide,
and Rodenticide Act, as amended,
this product is registered under
EPA Reg. No. 100-616

Active Ingredients:

Simazine: 2-chloro-4,6-bis(ethylamino)- s-triazine	53.38
Karbutilate: tert-butylcarbamic acid, ester with 3-(m-hydroxyphenyl)-1,1- dimethylurea	26.68
Inert Ingredients:	20.18
Total:	100.04

Tanzene is a wettable powder

Keep Out of Reach of Children.

Caution

See additional precautionary statements on
back of bag.

See directions for use on back of bag.

EPA Reg. No. 100-616
EPA Est. 100-AL-1

25 Pounds
Net Weight

Control No. 50060

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. CIBA-GEIGY and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CIBA-GEIGY.

Directions for Use

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

General Information

Tanzene herbicide provides weed control on noncrop land sites.

Tanzene applied alone controls barnyardgrass, burnweed, dandelion, dogfennel, downy brome, fall panicum, foxtails, goldenrod, groundcherry, hairy crabgrass, hemp sesbani, kochia, lambsquarters, pepperweed, pigweed, prickly lettuce, quackgrass, ragweed, squirrel tail, toad flax, wild barley, wild geranium, wild strawberry, and wood sorrel.

Apply Tanzene in water before weed emergence or when weeds are young and actively growing. Weed control is mainly through root absorption, supplemented by some foliar burning. Moisture from rainfall or irrigation is necessary after application to move the product into the root zone. Very dry soil conditions and lack of sufficient moisture may result in poor weed control. Application followed by rainfall or irrigation is most effective. Tanzene will normally provide satisfactory control of many annual and perennial broadleaf and grass weeds for several months.

Important: Use for control of the weeds listed above on industrial sites, highway shoulders, railroad rights-of-way, utility rights-of-way, lumberyards, petroleum tank farms, and in noncrop areas on farms, including around buildings, equipment and fuel storage areas, along fences, roadsides, and lanes. Do not use on cropland or near adjacent desirable trees, shrubs, or plants, or in greenhouses, as injury may occur.

Tanzene is noncorrosive to equipment and metal surfaces, nonflammable, and has low electrical conductivity.

FAILURE TO FOLLOW PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL AND/OR INJURY TO DESIRABLE PLANTS.

add reading name

Mixing and Application Procedures

Clean sprayer thoroughly before use. Make a slurry by adding Tanzene to water. Pour slurry into spray tank while filling, before tank is 1/3 full. Provide sufficient hydraulic (10 gals./min./100 gals. tank size) or mechanical agitation during mixing and application to keep the material in suspension. Wash sprayer thoroughly with clean water after use.

Use a 16-mesh suction screen and 50-mesh tip screens. Use a pump with capacity to (1) maintain 20-40 psi at the nozzles, and (2) provide sufficient hydraulic agitation during mixing and application to keep the material in suspension. Use a minimum of 2 gals. of water for each lb. of Tanzene per acre; use up to 100 gals. per acre for heavy weed infestations to assure thorough coverage.

Tanzene Applied Alone

add reading

Apply Tanzene broadcast to the soil surface before weeds emerge or to actively growing emerged weeds at 6-15 lbs. per acre. To speed control of emerged weeds, add a surfactant, such as X-77®, duPont WK, or Tronic, to the spray mixture at the rate of 1-2 qts. per 100 gals. of spray (0.25-0.5% of spray volume). Cover weeds thoroughly with the spray for good control. Use the lower rates within the range given for light weed infestations and for easy-to-control weeds. Use the higher rates for heavy weed infestations and for difficult to control weeds.

Tanzene plus Oust®

add section

Use this tank mixture to control the weeds listed below with either preemergence, early postemergence, or postemergence applications. Use the higher rates within the ranges given under conditions of heavy weed growth, on soil with over 2 1/2% organic matter, on areas with heavy decaying plant residues, or on high moisture areas such as along road edges or railroad shoulders. To improve wetting and/or contact activity on emerged weeds, add a nonionic surfactant such as DuPont Surfactant WK or X-77 at 1 qt. per 100 gals. of spray. Do not apply by aircraft. Provide constant agitation during mixing and application to keep the mixture in suspension. Refer to the labels of both herbicides for specific noxcrop sites and further directions, precautions, and limitations.

Preemergence to Early Postemergence: To control the weeds listed below apply 4.5-8 lbs. of Tanzene plus 3-5 ounces of Oust in a minimum of 25 gals. of water per acre.

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Broadleaf Weeds (Up to 3-4" in Height or Diameter)

- | | |
|-------------------|--------------------|
| bouncingbet | ox-eye daisy |
| buckhorn plantain | pepperweed |
| burclover | pigweed |
| Carolina geranium | prickly lettuce |
| common chickweed | puncturevine |
| common dandelion | purple starthistle |
| common speedwell | ragweed |
| common yarrow | Russian thistle |
| crimson clover | smartweed |
| dogfennel | sowthistle |
| fiddleneck | St. Johnswort |
| filaree | sunflower |
| hemp sesbania | sweet clover |
| hoary cress | tansymustard |
| horsetail | tansy ragwort |
| kochia | tumble mustard |
| lambsquarters | turkey mullein |
| little mallow | vetch |
| mustard | wild barley |
| | wild carrot |
| | wild oats |
| | yellow rocket |

Grasses (Up to 6-12" in Height)

- | | |
|------------------|----------------------|
| Alta fescue | Italian ryegrass |
| annual bluegrass | johnsongrass |
| annual ryegrass | (short-term control) |
| bahia grass | little barley |
| barnyardgrass | red brome |
| cheatgrass | red fescue |
| crabgrass | reed canarygrass |
| downy brome | ripgut brome |
| fall panicum | ryegrass |
| fescue | smooth brome |
| foxtails | sprangletop |
| Indian grass | witchgrass |

Postemergence: To control actively growing weeds listed below apply 8-15 lbs. of Tanzene plus 6-12 ounces of Oust in a minimum of 25 gals. of water per acre.

added

Actively Growing Weeds

aster	mayweed	johnsongrass
bedstraw	milkweed	(season-long control)
bindweed	mullein	orchardgrass
brambles	musk thistle	quackgrass
burdock	plantain	yellow nutsedge
burnweed	poison ivy	
Canada thistle	puncturevine	
chicory	purpletop	
curly dock	spanishneedles	
dewberry	spurge	
dogfennel	teasel	
fiddleneck	toadflax	
fleabane	turkey mullein	
goldenrod	Virginia pepperweed	
hemlock	wild blackberry	
hemp dogbane	wild carrot	
honeysuckle	wild geranium	
Jerusalem artichoke	wild strawberry	
kudzu	wood sorrel	

Storage and Disposal

Store in a dry place. Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment. Open dumping is prohibited. Pesticide, spray mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of in a land-fill approved for pesticides or buried in a safe place away from water supplies. Dispose of container in an incinerator or land-fill approved for pesticide containers, or bury in a safe place. Consult federal, state, or local disposal authorities for approved alternative procedures such as limited open burning.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing dust or spray mist. Avoid contact with eyes, skin, or clothing.

First Aid: If swallowed, induce vomiting. In case of contact with skin, wash promptly with soap and water; rinse thoroughly. In case of contact with eyes, immediately flush with plenty of water and get medical attention if irritation persists. If inhaled, remove victim to fresh air and apply artificial respiration if necessary.

Environmental Hazards

Do not contaminate domestic or irrigation water supplies, or lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from treated areas.

Tanzene® trademark of CIBA-GEIGY
U.S. Patent No. 3,434,822 (karbutilate)

Oust® trademark of E. I. duPont de Nemours Co., Inc. *— added*

X-77® trademark of KALO Agricultural Chemicals, Inc. *— revised*

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