

# Supplemental Labeling

**ELANCO**
**ACCEPTED**

30 APR 1980

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 1471-97

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Elanco Products Company A Division of Eli Lilly and Company 740 South Al

## Spike® 80W Tank-Mix Combination For Noncropland Weed Control

Spike® 80W is recommended for use in a tank-mix to be used in combination with any of the following products: amitrole, Atritol® 80W, Banvel® 720, Banvel® W.S., Karmex® 80W, MSMA, paraquat, Princep® 80W, Roundup®, Surflan® 75W, or 2,4-D for broad spectrum control of undesirable vegetation in noncropland areas such as airport runways, utility substations, tank farms, railway roadbeds and ballast, railroad rights-of-way, road shoulders where no vegetation is desired, under asphalt and concrete pavements where no future landscaping is planned, around industrial buildings, lumberyards, railroad yards, at the base of highway guardrails, signposts and markers, at the base of transmission towers and poles, on firebreaks, and fence rows.



### Directions for Use

Apply Spike 80W in 15 to 150 gallons of water per acre before or during the period of active growth of plants to be controlled. Initial control is enhanced by rainfall.

### Spray Preparation

Fill spray tank half full of water. Start agitation and continue during entire mixing process. Add required amount of Spike 80W and allow to mix. If additional product is a wettable powder, add to tank and allow to mix thoroughly. If additional product is a liquid, add slowly while filling remainder of tank with water. Continuous agitation in the spray tank is required to keep the materials in suspension throughout application.

### Application Rates

Refer to the Spike 80W label and the product label to be tank-mixed for proper application rates. Where applications are made to existing vegetation, the contact or burning properties of paraquat or MSMA provide the rapid top kill while Spike 80W gives the residual long-term control desired. Post emergence applications to areas which are infested with certain difficult to control perennial weeds (such as johnson-grass, bermudagrass, quackgrass, horsetail, bindweed, dandelion, or nutsedge) will benefit from tank-mixing Spike 80W with amitrole, 2,4-D, Banvel W.S., Banvel 720, or Roundup.

Pre-emergence applications of Spike 80W plus Surflan® 75W, or Atritol® 80W, Karmex® 80W, or Princep® 80W should be used to provide control of a broader spectrum of weed species.

### Caution

Read the Spike 80W label and labels of products to be tank-mixed carefully before using. Note all warnings, cautions, precautions, and limitations of warranty on all labels.

Spike® - tebuthiuron, Elanco Products Company  
 Surflan® - oryzalin, Elanco Products Company  
 Atritol® - atrazine and prometon, Ciba-Geigy  
 Banvel® - dicamba, Velsicol Chemical Corporation  
 Karmex® - diuron, E. I. DuPont de Nemours & Company  
 Princep® - simazine, Ciba-Geigy  
 Roundup® - glyphosate, Monsanto Company

## PRECAUTIONS



**SPIKE 80W** IS INTENDED FOR TOTAL VEGETATION CONTROL. IT IS AN EXTREMELY ACTIVE HERBICIDE WHICH WILL KILL TREES, SHRUBS AND OTHER FORMS OF DESIRABLE VEGETATION HAVING ROOTS EXTENDING INTO THE TREATED AREA. FEEDER ROOTS OF MANY SPECIES OF DESIRABLE VEGETATION EXTEND MANY FEET BEYOND THE DRIP LINE OF THE BRANCHES, AND A VERY SMALL AMOUNT OF **SPIKE 80W** IN CONTACT WITH ONE FEEDER ROOT OF A TREE, SHRUB OR OTHER DESIRABLE VEGETATION MAY CAUSE SERIOUS INJURY OR DEATH TO THE ENTIRE PLANT. AN ARBORICULTURIST (TREE EXPERT) SHOULD BE CONSULTED TO HELP YOU TO DETERMINE IF THE AREA OF PROPOSED APPLICATION IS FREE OF ALL ROOTS OF DESIRABLE VEGETATION. THE EFFECT OF **SPIKE 80W** ON DESIRABLE VEGETATION MAY BE IRREVERSIBLE AND ITS PRESENCE IN THE SOIL MAY PREVENT GROWTH OF OTHER DESIRABLE VEGETATION FOR SOME YEARS AFTER APPLICATION. READ THE ENTIRE LABEL BEFORE USING **SPIKE 80W** TO DETERMINE IF THIS PRODUCT IS SUITABLE FOR THE DESIRED PURPOSE.

Do not use **SPIKE 80W** on areas such as walks, driveways, streets, lawns, patios, tennis courts, swimming pools, cemeteries, or other landscaped areas, or under asphalt or concrete pavement where future landscaping is planned. Do not apply on or near field crops. Do not apply on any area into which the roots of desirable vegetation may extend. Do not apply in locations where the chemical may be washed by runoff or sheet erosion in contact with roots of desirable vegetation, as severe injury or death may occur. ROOTS OF TREES, SHRUBS AND OTHER DESIRABLE VEGETATION MAY EXTEND FAR BEYOND THE DRIP LINE OF THE PLANT'S BRANCHES.

**Ditchbank Usage** — Do not apply **SPIKE 80W** to any portion of the ditchbank that will come into direct contact with water as movement of **SPIKE 80W** in this water to non-target plant species may result in the injury or death of those plants. Do not apply on ditches used to transport irrigation or potable water. Keep from contact with other pesticides and seeds. Thoroughly clean all traces of **SPIKE 80W** from application equipment after use. DO NOT EMPTY RESIDUES CLEANED FROM APPLICATION EQUIPMENT ON AREAS WHERE THEY MAY COME IN CONTACT WITH THE ROOTS OF DESIRABLE VEGETATION OR THE WATER SOURCE FOR SUCH VEGETATION.

**HERBACEOUS PERENNIALS (NONWOODY PLANTS)** Do not allow domestic livestock to graze in treated areas. Do not cut forage from treated areas for feeding livestock. **SPIKE 80W** may injure or suppress certain herbaceous vegetation in the treated area. Therefore, do not apply where such injury cannot be tolerated. Injury to most herbaceous perennials is reduced if **SPIKE 80W** is applied when this vegetation is dormant.

## CAUTION

### Human

Harmful if swallowed. Avoid contact with skin, eyes or clothing. Avoid inhaling dust from product. In case of contact, flush with water.

### Environmental

Do not contaminate any body of water, ponds or streams as death or injury may occur to vegetation irrigated by such. Do not contaminate water by cleaning of equipment or disposal of wastes.

### Storage and Disposal

The herbicidal properties of **SPIKE 80W** require caution in handling, storage and transportation of this product. Do not contaminate food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Dispose in an incinerator or land fill approved for pesticide containers or bury in a noncropland area away from desirable plants, trees and water supply.

The manufacturer makes no warranties, express or implied, concerning this product or its use which extend beyond the description on the label. All statements made concerning this product apply only when used as directed. **SPIKE 80W** must be applied according to Elanco's written instructions, including, but not limited to, recommended rates. Failure to do so may result in poor weed control or plant injury. Elanco expressly disclaims any warranty, either express or implied, for the use of **SPIKE 80W**, alone or in combination with other products, when that use is not in strict compliance with Elanco's written recommendations.

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