



**MAKHTESHIM**  
**A G A N**  
 NORTH AMERICA

**GALIGAN 2E HERBICIDE**  
**EPA REG. NO. 66222-28**  
**CARROTS GROWN FOR SEED**  
**IN THE STATE OF OREGON**  
**EPA SLN NO. OR-070003**

**SUPPLEMENTAL LABELING INFORMATION FOR DISTRIBUTION AND USE ONLY**  
**IN THE STATE OF OREGON**

This label is valid until December 31, 2012 or until otherwise amended, withdrawn, cancelled, or suspended.

<b>ACTIVE INGREDIENT</b>	<b>% BY WT.</b>
Oxyfluorfen: 2-chloro-1- (3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl) benzene*	22.2%
<b>INERT INGREDIENTS:</b> .....	<b>77.8%</b>
	<b>TOTAL 100.0%</b>

Contains petroleum distillate.  
 \*Equivalent to 2 lbs. active ingredient per gallon.  
**SHAKE WELL BEFORE USING**

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. This product is highly toxic to aquatic invertebrates, aquatic plants, wildlife, and fish. Use with care when applying in areas frequented by wildlife or adjacent to any body of water or wetland area. Do not apply when weather conditions favor drift or erosion from target areas.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Follow all applicable directions, restrictions, and precautions on this Supplemental label and the main EPA-registered label. It is a violation of federal law to use this product in a manner inconsistent with its labeling.

This supplemental label and the **Federally approved label** supplied with the container must be in the possession of the user at the time of pesticide application.

**DOSAGE, TIMING AND METHOD OF APPLICATION**

Galigan 2E herbicide is effective for postemergence control of certain broadleaf weeds in carrots grown for seed. Apply Galigan 2E herbicide by ground application only at 16 – 32 fluid ounces (0.25 – 0.50 lbs ai) per broadcast acre. A maximum of 32 fluid ounces product may be applied per acre per crop cycle. Apply in a minimum spray volume of 20 gallons of water per acre. Use conventional ground spray equipment at a minimum spray pressure of 20 psi and maximum spray pressure of 40 psi. Spray equipment should be calibrated carefully before each use.

Dormant Application: Make application after carrots are dormant and there is no active growth (between November 15 and February 28). Make application as a directed spray using drop nozzles between the rows and in the furrows. For best results, apply when weeds are in the 2 to 4 leaf stage. Do not make a broadcast application over the top of the carrots at this timing.

Spring Application: Begin applications in early spring. Make application as a broadcast spray when carrots are at least 8 – 10 inches tall. For best results, apply when weeds are in the 2 to 4 leaf stage.

Layby Application: Make application at layby with a directed spray using drop nozzles between the rows and in the furrows. For best results, apply when weeds are in the 2 to 4 leaf stage. Do not make a broadcast application over the top of the carrots at this timing.

### **SURFACTANT**

When postemergence weed control is desired from Galigan 2E herbicide, add 2 to 4 pints of an 80% active nonionic surfactant cleared for application to growing crops per each 100 gallons of spray. The addition of 4 pints of an 80% active nonionic surfactant per 100 gallons of spray is recommended to enhance postemergence activity when hard water (greater than 600 ppm) is used as a carrier. Maintain agitation until spraying is completed.

### **CROP TOLERANCE**

The application of Galigan 2E herbicide to carrots grown for seed has the potential to injure the crop. Injury to carrots grown for seed appears to be transient and benefits in weed control outweigh any slight amount of crop injury. The potential for crop injury may be reduced by using the lower rate, by not applying soon after or in combination with linuron, and by applying to larger size carrot plants.

### **WEEDS SUPPRESSED AND/OR CONTROLLED**

Galigan 2E herbicide will provide control of the following weeds when applied between the onset of germination and the four-leaf seedling growth stage:

<b>COMMON NAME</b>	<b>SCIENTIFIC NAME</b>
COMMON GROUNDSEL	<i>Senecio vulgaris</i>
MAYWEED CHAMOMILE	<i>Anthemis cotula</i>
PRICKLY LETTUCE	<i>Lactuca serriola</i>
REDROOT PIGWEED	<i>Amaranthus retroflexus</i>
HAIRY NIGHTSHADE	<i>Solanum sarachoides</i>

### **MIXING DIRECTIONS**

Fill the spray tank at least one-third full of clean water. With the pump and agitator running, add the recommended amount of herbicide to the spray tank. The order of addition to the spray tank should be wettable powders first, flowables second, and liquids last. Complete filling of the spray tank with water. The use of Latron AG-98 (or comparable 80 percent active nonionic surfactant cleared for application to growing crops) may be added at the rate of 0.12 to 0.5 percent spray volume for improved control of emerged seedlings. Maintain agitation until spraying is complete.

### **SPECIFIC USE RESTRICTIONS**

The following use restrictions must be observed when Galigan 2E herbicide is used as recommended on this label:

- Do not apply more than 32 fluid ounces of Galigan 2E herbicide per crop cycle.
- Do not apply this product through any type of irrigation system.
- Follow the General Use Restrictions on the EPA-registered label.

### **Special Crop Use Restrictions**

The pesticide applicator, the producer of the crop, and the seed conditioner must be aware that use of this product according to this labeling is deemed a nonfeed/non-food use by the Oregon Department of Agriculture, and is regulated by Oregon Administrative Rule (OAR) 603-057-0535, Pesticide Use On Crops Grown For Seed. If the applicator of this pesticide is not the producer, the applicator should provide a copy of this labeling to the producer of the crop. Producers of this crop who use this product, or cause the product to be used on a field they operate, should provide a copy of this pesticide label to the seed conditioner.

This pesticide does not have an established pesticide residue tolerance for this crop. Consequently, no portion of this seed crop may be used or distributed for food or feed for 1 year (365 days) after the last application of this product. This restriction pertains to, but is not limited to: green chop, forage, hay, pellets, meal, whole seed, cracked seed, straw, roots, bulbs, foliage or seed screenings, and to the grazing of the crop field, stubble or regrowth. All seed screenings shall be disposed of in such a manner that the screenings cannot be distributed or used for food or feed purposes, as indicated in OAR 603-057-0535. Additional regulations concerning seed screenings are stated in OAR 603-057-0535.

Any seed from a field treated with this pesticide product shall bear specific and conspicuous container labeling, or if shipped in bulk, on the shipment invoice or bill of lading. The labeling shall contain the following statement:

**"This seed was produced using one or more products for which the United States Environmental Protection Agency has not established pesticide residue tolerances. This seed, in whole, as sprouts, or in any form, may not be used for human consumption or animal feed. Failure to comply with this condition may violate requirements of the Federal Food and Drug Administration, the Oregon Department of Agriculture and other regulatory agencies."**

#### **MAKHTESHIM-AGAN Special Conditions and Disclaimer for use of Galigan 2E on carrots grown for seed**

Makhteshim-Agan of North America intends that this Section 24(c) label be distributed only by the Jefferson County Seed Growers Association only to end users and/or growers who agree in writing to the terms and conditions required by the Jefferson County Seed Growers Association including a waiver and release from all liability and indemnification by the user and/or grower of Makhteshim-Agan of North America, Jefferson County Seed Growers Association and others for the failure to perform and crop damage from the use of Galigan 2E herbicide on carrots grown for seed. If such terms and conditions are unacceptable, return Galigan 2E Herbicide at once unopened.

This product when used on carrots grown for seed may lead to crop injury, loss or damage. Makhteshim-Agan of North America recommends that the user and/or grower test this product in order to determine its suitability for such intended uses. The Jefferson County Seed Growers Association and Makhteshim-Agan of North America make this product available to the user and/or grower solely to the extent the benefit and utility, in the sole opinion of the user and/or grower, outweigh the extent of potential injury associated with the use of this product. The decision to use or not to use the pesticide must be made by each individual Galigan 2E users and/or grower on the basis of possible crop injury from Galigan 2E Herbicide, the severity of the weed infestation, the cost of alternative weed controls, and other factors. Makhteshim-Agan of North America intends that because of the risk of failure to perform or crop damage that all such use is at the user's and/or grower's risk.

#### **WARRANTY STATEMENT**

MAKHTESHIM-AGAN OF NORTH AMERICA warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. 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 MAKHTESHIM-AGAN OF NORTH AMERICA. In no case shall MAKHTESHIM-AGAN OF NORTH AMERICA be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except as expressly provided herein, MAKHTESHIM-AGAN OF NORTH AMERICA makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at MAKHTESHIM-AGAN OF NORTH AMERICA's election, the replacement of this product.

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