



GALIGAN® 2E HERBICIDE
EPA REG. NO. 66222-28
WEED CONTROL IN FALLOW BEDS
TO BE PLANTED TO CORN
IN THE STATE OF MISSISSIPPI
EPA SLN NO. MS-010039

SUPPLEMENTAL LABELING FOR DISTRIBUTION AND USE ONLY
IN THE STATE OF MISSISSIPPI

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
 All applicable directions, restrictions, and precautions on the EPA registered label are to be followed.
 This labeling must be in the possession of the user at the time of pesticide application.

GENERAL INFORMATION

Galigan 2E herbicide is effective as a preemergence and/or postemergence herbicide when used alone or in a tank mix combination with glyphosate (Roundup) or paraquat (Gramoxone) for the control of winter annual broadleaf weeds in fallow beds to be planted to corn. Do not apply Galigan 2E within seven days prior to planting. Unless otherwise specified in this label, the fallow beds should be worked thoroughly to a depth of at least two inches prior to planting. It is important to thoroughly break the soil surface prior to planting. Weed control should not be expected following breaking of the soil surface.

If a fallow bed treatment is applied thirty days or more prior to planting and at least three significant rainfalls (0.25 inch or greater) have occurred following application, corn can be planted directly into the stale seedbed. If these conditions cannot be met, soil incorporation is required as directed above.

EXERCISE EXTREME CARE TO AVOID HERBICIDE CONTACT WITH ANY DESIRABLE DORMANT OR NON-DORMANT CROP, PLANT, TREE, OR VEGETATION AS SEVERE INJURY MAY RESULT.

GALIGAN 2E HERBICIDE USED ALONE

DOSAGE

Galigan 2E herbicide may be applied at 1 to 2 pints (0.25 to 0.5 lb. active) per broadcast acre. The lower rate (1.0 pint per acre) should provide up to four weeks of preemergence control of susceptible weeds and provide postemergence control of susceptible weeds (up to four-leaf stage). The higher rate (2.0 pints per acre) should provide preemergence control of susceptible weeds for up to eight weeks and postemergence control of susceptible weeds (up to six-leaf stage). Best preemergence control is achieved when irrigation or rainfall occurs within three or four weeks following application.

WEEDS CONTROLLED

Galigan 2E herbicide should provide preemergence and postemergence* control of the following weeds when used at recommended dosages and weed stage.

COMMON NAME	SCIENTIFIC NAME
BUTTERCUP, SMALLFLOWER	<i>Ranunculus abortivus</i>
CHEESEWEED (MALVA)	<i>Malva parviflora</i>
EVENINGPRIMROSE, CUTLEAF**	<i>Oenothera laciniata</i>
FIDDLENECK, COAST	<i>Amsinckia intermedia</i>
FILAREE, BROADLEAF	<i>Erodium botrys</i>
FILAREE, REDSTEM	<i>Erodium cicutarium</i>
GERANIUM, CAROLINA	<i>Geranium carolinianum</i>
GROUNDCHERRY, CUTLEAF	<i>Physalis angulata</i>
GROUNDSEL, COMMON	<i>Senecio vulgaris</i>
HENBIT	<i>Lamium amplexicaule</i>
LADYSTHUMB	<i>Polygonum persicaria</i>
MINER'S LETTUCE	<i>Montia perfoliata</i>
MUSTARD SPECIES	<i>Cardamine</i> spp., <i>Brassica</i> spp.
NETTLE, BURNING	<i>Urtica urens</i>
OXALIS	<i>Oxalis pes-caprae</i>
PIGWEEED, REDROOT	<i>Amaranthus retroflexus</i>
PURSLANE, COMMON	<i>Portulaca oleracea</i>
REDMAIDS	<i>Calandrinia caulescens</i>
ROCKET, LONDON	<i>Sisymbrium irio</i>
SHEPHERDSPURSE	<i>Capsella bursa-pastoris</i>
SIDA, PRICKLY	<i>Sida spinosa</i>
SOWTHISTLE, ANNUAL	<i>Sonchus oleraceus</i>
VELVETLEAF (WILD COTTON)	<i>Abutilon theophrasti</i>

*Thorough spray coverage is essential to maximize the postemergence activity of Galigan 2E herbicide. For postemergence control when applied by air, a tank mixture of Galigan 2E herbicide with either glyphosate (Roundup) or paraquat (Gramoxone) is recommended.

**Requires maximum rate and/or multiple applications for effective control.

TANK MIXES WITH GALIGAN 2E HERBICIDE

IMPORTANT: Read and observe all label directions before using. When tank mixing, always read all individual manufacturer's labels. In interpreting all labels for the tank mix, the most restrictive situations must apply.

DOSAGE

Galigan 2E herbicide can be tank mixed with either glyphosate (Roundup) or paraquat (Gramaxone) to obtain postemergence control of annual grassy weeds, volunteer grains, and broadleaf weeds. Tank mix 1 to 2 pints (0.25 to 0.5 lb. active) of Galigan 2E with labeled rates of either glyphosate or paraquat. Apply at the recommended rates and growth stages to susceptible weed species in a manner consistent with the respective labels.

For enhanced contact activity (burndown/suppression) to either glyphosate or paraquat, add Galigan 2E at a rate of 3 to 7 ounces (0.05 to 0.1 lb. active) per acre to labeled rates of either glyphosate or paraquat. Apply at the recommended rates and growth stages to susceptible weed species in a manner consistent with the respective labels.

METHOD OF APPLICATION

GROUND APPLICATION:

Galigan 2E herbicide should be applied in a minimum of 20 gallons of water per acre. The volume of water used should be increased as the weeds become taller and more dense. Use a low-pressure sprayer equipped with flat fan nozzles. Spray equipment should be calibrated carefully before each use.

AERIAL APPLICATION:

Galigan 2E herbicide should be applied using swirl jet or hollow cone nozzles and a spray pressure less than 40 psi to deliver a minimum spray volume of 5 gallons per acre. Applications should be made at a height of 6 to 10 feet above the soil surface. It is suggested that the nozzles on the spray booms should not be placed any closer to the wing or rotor tips than $\frac{3}{4}$ of the span; this will minimize the formation of spray or wing tip vortices. Nozzles should be spaced and positioned to produce a uniform spray pattern and to minimize or eliminate the formation of droplets 100 microns or less in diameter.

AVOID DRIFT:

WHEN APPLYING TO FALLOW BEDS, EXTREME CARE MUST BE EXERCISED TO PREVENT SPRAY DRIFT WHICH COULD RESULT IN DAMAGE TO OTHER CROPS OR DESIRABLE VEGETATION. USE THE FOLLOWING GUIDELINES WHEN AERIAL APPLICATIONS ARE TO BE MADE:

1. Do not apply when the wind direction is not stable, when inversion conditions exist, or when wind velocity exceeds 10 mph.
2. When wind speeds are 5 mph or less, maintain a minimum downwind buffer zone of at least $\frac{1}{2}$ mile from all crops and desirable vegetation, except the following:

Maintain a minimum downwind buffer zone of:

- 150 feet from dormant tree fruit/nut/vine crops and overwintering sugarbeets.
 - 650 feet from garlic, jojoba, legumes, onions, pastures, small grains, seedling sugarbeets, and vegetable fallow beds.
3. When wind speeds are between 5 and 10 mph, downwind buffer zones in excess of those listed above are suggested.
 4. For upwind and side borders, maintain a minimum buffer zone of 150 feet from any vegetable fallow bed, crop, or desirable vegetation.

The use of a drift control agent may be required by local regulations. However, the drift control agent may decrease the weed control activity.

IMPORTANT:

Aerial applicators must be familiar with the EPA-registered label and follow the Use Precautions. Spraying Galigan 2E herbicide in a manner other than as recommended is done at the user's risk. Users are responsible for all loss or damage which results from such spraying. In addition, aerial applicators should follow all applicable state and local regulations and ordinances. In interpreting the label and local regulations, the most restrictive situations should apply to avoid drift hazards.

SPECIFIC USE RESTRICTIONS

In addition to the following, also observe GENERAL USE RESTRICTIONS listed at the end of this label:

- Read and observe all label directions before using. When tank mixing, always read all individual manufacturers' labels. In interpreting all labels for the tank mixture, the most restrictive situations must apply.
- Do not apply more than 2 pints (0.5 lb. active) of Galigan 2E herbicide per acre per fallow season.
- Do not apply Galigan 2E herbicide within 7 days of prior to planting of corn.
- Do not use corn plants from a treated field for green chop, ensilage, forage, or fodder.
- Do not feed or allow animals to graze on any areas treated with Galigan 2E herbicide.

GENERAL USE RESTRICTIONS

- Read and observe all label directions before using. When tank mixing, always read all individual manufacturers' labels. In interpreting all labels for the tank mixture, the most restrictive situations must apply.
- Do not contaminate irrigation water or water used for domestic purposes.
- Do not feed or allow animals to graze on any areas treated with Galigan 2E herbicide.

- Galigan 2E herbicide should be applied only by ground application equipment except as specifically directed on this label or on other approved Makhteshim-Agan supplemental labeling.
- Do not apply when weather conditions favor drift. Avoid drift to all non-target areas. Galigan 2E herbicide is phytotoxic to plant foliage.
- Thoroughly flush spray equipment (tank, pump, hoses, and boom) with clean water before and after each use. Residual Galigan 2E herbicide remaining in spray equipment may damage other crops. To assist removal of Galigan 2E herbicide residues in spray equipment, Latron AG-98™ or Latron CS-7™ may be added at the rate of 1 quart per 100 gallons of water during flushing.
- Do not treat ditch banks or waterways with Galigan 2E herbicide.
- **Chemigation: Do not apply this product through any type of irrigation system except as specified on other approved supplemental labeling.**
- **ROTATION CROP RESTRICTIONS**
Do not rotate to small-grain crops (including barley, buckwheat, corn, proso millet, pearl millet, oats popcorn, rice, rye, sorghum, triticale, wheat, wild rice) within 10 months following a Galigan 2E treatment.
Do not direct seed any crops other than Galigan-labeled crops within 60 days following a Galigan treatment.
Do not transplant seedling crops other than Galigan-labeled crops within 30 days following a Galigan treatment.

IMPORTANT: TREATED SOIL MUST BE THOROUGHLY INCORPORATED TO A DEPTH OF 4 INCHES AFTER HARVEST (OR ABANDONING) OF THE TREATED CROP BUT PRIOR TO PLANTING OF THE ROTATIONAL CROP. FAILURE TO ACHIEVE THIS THOROUGH AND COMPLETE INCORPORATION OR TO FOLLOW THE REQUIRED MINIMUM PLANT-BACK INTERVAL MAY RESULT IN CROP INJURY, STAND REDUCTION, AND/OR VIGOR REDUCTION OF THE PLANT-BACK CROP. See specific fallow bed labeling regarding crop planting information for applications of Galigan 2E herbicide made to a fallow bed or fallow field.

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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GALIGAN® is a trademark of AGAN Chemical Manufacturer, LTD., Israel.

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