

ROHM AND HAAS COMPANYINDEPENDENCE MALL WEST
PHILADELPHIA, PENNSYLVANIA 19105KERB 50W Herbicide
Use Directions for
Globe Artichokes
EPA Reg. No. 707-159-AA
EPA Est. No. 335-60-TN-1KERB^R 50WDIRECTIONS FOR USE

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

GLOBE ARTICHOKE

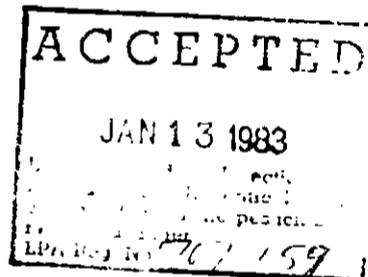
KERB 50W is a selective herbicide for the control of weeds in either established (ratoon) or transplanted globe artichokes.

WEEDS CONTROLLED

KERB 50W is generally effective at 4.0 to 8.0 pounds of product (2.0 to 4.0 pounds active ingredient) per treated acre for the preemergence control of annual bluegrass, foxtail grass species, ryegrass, volunteer grains and wild oats, and broadleaf weed species including burning nettle, cheeseweed, chickweed, henbit, knotweed, wild mustard, nettleleaf goosefoot, and hairy nightshade.

DOSAGE RATE RECOMMENDATIONSKERB 50W Rate
(Per Broadcast Acre)*

<u>Crop</u>	<u>Weeds</u>	<u>Kerb 50W Rate (Per Broadcast Acre)*</u>		<u>Comments</u>
		<u>Dependable Rainfall or Overhead Irrigation</u>	<u>Less Dependable Rainfall or Furrow Irrigation</u>	
Globe Artichokes (established ratoon)	Susceptible annual grasses, volunteer grains and broadleaf weeds	4.0 lbs.	Not recommended	Sandy soils, sandy loams and silt loams
		8.0 lbs.	Not recommended	
Globe Artichokes (newly transplanted crowns)	Susceptible annual grasses, volunteer grains and broadleaf weeds	4.0 lbs.	Not recommended	All soil types except peat and muck soils



*Dosage recommendations listed on this label are in terms of pounds KERB 50W per acre broadcast application. For banded treatment, down artichoke rows or between rows, the amount of KERB 50W used per acre should be reduced according to the following formula:

$$\frac{\text{band width (in.)}}{\text{row width (in.)}} \times \text{Rate Per Acre Broadcast} = \text{Amount needed per Acre for Band Application}$$

DOSAGE AND TIMING RECOMMENDATIONS

Established Ratoon Artichokes

Apply KERB 50W in a single postemergence application to the crop after tillage operations are completed and shoot regrowth of the artichokes has occurred. Application timing of KERB should be preemergence to the weeds and before new artichoke leaves are greater than 14 to 16 inches long. Apply KERB 50W in a banded treatment over the crop row at the rate of 4.0 to 8.0 pounds of product per treated acre (see dosage rate for soil type in chart).

Transplanted Artichoke Crowns

Apply KERB 50W in a single application after transplanting the crowns but before new shoots have developed 3 to 4 new leaves. KERB 50W should be applied preemergence to the weeds and banded over the crop row at the rate of 4.0 pounds of product per treated acre. Do not use higher rates of KERB 50W than 4.0 pounds per treated acre in one season.

CAUTION: To avoid excessive residues do not apply more than the recommended dosage rate of KERB 50W per treated acre per season. Do not make more than one application of KERB 50W to the artichoke row in one season. Do not apply KERB 50W within 60 days of first harvest.

APPLICATION

Mix KERB 50W in clean water and apply with a ground sprayer in 20 to 50 gallons per treated acre. Reduce dosage and volume accordingly for banded treatments. Use a standard low pressure herbicide sprayer with flat fan nozzles that give uniform spray distribution.

SOIL MOISTURE AND IRRIGATION REQUIREMENTS

Moisture is necessary to activate KERB in the soil and move it into the root zone of the germinating weeds. Natural rainfall or supplementary overhead irrigation within 1 to 3 days after KERB application is essential for effective weed control. For best results use overhead sprinkler irrigation equipment to irrigate the field with 1 to 2 inches of water after the KERB application.

EFFECT OF SOIL TYPE

KERB is not recommended for use on highly organic or muck soils because herbicidal activity is lowered significantly in these soils. Follow dosage rates suggested in the dosage recommendations chart according to the soil type for established and transplanted artichokes.

ROTATION CROPS

Artichokes are generally long term perennial crops. In the event that artichokes are discontinued and a rotational crop will be planted within one year where KERB 50W was applied at the rate of 4.0 pounds of product per acre, follow the crop rotational plan outlined on this label for lettuce. If artichokes are discontinued where KERB 50W was applied at a dosage rate greater than 4.0 pounds of product per acre, do not plant back to crops other than artichokes for a period of 18 months.

8116-S3-2b

ROHM AND HAAS COMPANYINDEPENDENCE MALL WEST
PHILADELPHIA, PENNSYLVANIA 19105KERB^R 50W HERBICIDE
EPA REG. NO. 707-159-AA
EPA EST. NO. 33560-TN-1DIRECTIONS FOR USE - APPLES, PEARS, CHERRIES,
NECTARINES, PEACHES, PLUMS, PRUNES AND GRAPES

KERB 50W is a selective herbicide for use in directed spray applications for the control of winter annual and perennial grasses and certain broadleaf weeds in non-bearing and bearing apples, pears, cherries, nectarines, peaches, plums, prunes and grapes.

WEEDS CONTROLLED

KERB 50W is generally effective at 2.0 to 8.0 pounds of product (1.0 to 4.0 pounds active ingredient) per treated acre for control of annual bluegrass, ryegrass, cheatgrass (downy brome), wild oats, volunteer grains, chickweed, red sorrel, tall fescue, perennial bluegrass, perennial ryegrass, orchardgrass and quackgrass.

DOSAGE RECOMMENDATIONS: POUNDS OF KERB 50W PER ACREDependable Rainfall or
Overhead IrrigationSoil Texture Group*

<u>Crop</u>	<u>Weeds</u>	<u>Coarse</u>	<u>Medium</u>	<u>Fine</u>	<u>Comments</u>
Apples, Pears, Cherries, Nectarines, Peaches, Plums, Prunes, Grapes	Annual Bluegrass, Annual Ryegrass, Downy Brome, Wild Oats, Volunteer Grains, Chickweed, Red Sorrel (seedling)	2.0	3.0	4.0	Fall application before winter freeze-up. Directed application to soil at base of trees or vines. Do not apply KERB to: seedling trees or vines less than 1 year old; fall transplanted stock transplanted less than 1 year or to spring transplanted stock transplanted less than 6 months.
(See crop tolerance section of label)	Quackgrass, Orchardgrass, Perennial Bluegrass, Perennial Ryegrass, Tall Fescue	3.0-4.0	4.0-6.0	6.0-8.0	

*Soil Texture Group

Coarse: sand, loamy sand, sandy loam

Medium: loam, silt loam, silt, sandy clay loam

Fine: silty clay loam, clay loam, sandy clay, silty clay, clay

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USE PRECAUTIONS

- Do not feed or allow livestock to graze areas treated with KERB 50W.
- Soils containing high organic matter inactivate KERB and therefore the product is not recommended for use in muck soils or in mineral soils containing more than 4% organic matter.

DOSAGE AND TIMING RECOMMENDATIONS:

KERB 50W is recommended in a single, directed application to labeled fruit trees and grapes at dosage rates of 2.0 to 8.0 pounds of product (1.0 to 4.0 pounds active ingredient) per treated acre. Recommended use rates of KERB 50W for control of those annual and perennial weeds listed on the label will vary depending on soil texture (refer to Dosage Recommendation Chart for specific recommendations according to the soil texture group). APPLICATION OF KERB 50W SHOULD BE IN THE FALL, AFTER THE FRUIT IS HARVESTED, BUT PRIOR TO LEAF DROP AND SOIL FREEZE-UP. For control of winter annual grasses and broadleaf weeds listed on the label apply KERB 50W at a dosage rate of 2.0 to 4.0 pounds of product (1.0 to 2.0 pounds active ingredient) per treated acre. Dosage rates of 3.0 to 8.0 pounds of product (1.5 to 4.0 pounds active ingredient) per treated acre are recommended for control of perennial grasses (quackgrass, orchardgrass, perennial bluegrass, perennial ryegrass, and tall fescue). Do not apply KERB 50W at rates higher than 8.0 pounds of product (4.0 pounds active ingredient) per acre and make only one application per season.

APPLICATION:

Mix the recommended amount of KERB 50W in clean water and apply uniformly in 40 to 50 gallons of water per acre. Use of a low pressure ground sprayer equipped with a breakaway boom and flat fan or off-center (OC) nozzles is recommended. KERB 50W should be directed to the soil and the base of trees and vines.

NOTES: Dosage recommendations listed on this label are for surface broadcast application. For banded treatments down the row, the amount of KERB 50W used per acre should be reduced according to the following formula:

$$\frac{\text{band width (in.)}}{\text{row width (in.)}} \times \text{Rate Per Acre Broadcast} = \text{Amount needed per Acre for Band Application}$$

KERB should not be soil incorporated.

CROP TOLERANCE:

KERB 50W should not be applied to seedling trees or vines less than 1 year old or to fall transplanted stock transplanted less than 1 year or to spring transplanted stock transplanted less than 6 months. When used as recommended, established non-bearing or bearing fruit trees and grapes listed on this label are very tolerant to KERB.

WEED CONTROL AND CULTURAL CONSIDERATIONS:

KERB is absorbed through the weed roots. SOIL MOISTURE FROM RAIN, MELTING SNOW OR IRRIGATION IS ESSENTIAL FOLLOWING TREATMENT TO MOVE KERB INTO THE ROOT ZONE. For best results apply KERB to a trash free soil surface. Clean cultivation before application is preferable but not necessary. To obtain optimum weed control in areas not clean cultivated, the area to be treated should be free of surface litter (dead or decaying weeds and leaves, mowing clippings, etc.). If area to be treated is under a mixed grass and weed sod, it should be mowed and the clippings removed. Trash free areas create ideal conditions for rapid movement of KERB into the weed root zone following rain or irrigation.

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