

## **VINES AND BRAMBLES CONTROLLED - LESS THAN 15 INCHES ANNUAL RAINFALL**

### General Information

#### GENERAL INFORMATION

Alligare Mojave 70 EG is a dispersible granule intended to be mixed with water and surfactant(s) for application to non-cropland areas such as railroad, utility, pipeline and highway rights-of-way, utility plant sites, petroleum tank farms, pumping installations, fence rows, storage areas, farmyards and around farm buildings, non-irrigation ditchbanks and other similar areas where bare ground is desired. Alligare Mojave 70 EG may also be used for weed control under paved surfaces.

When applied either preemergence or postemergence to weeds, Alligare Mojave 70 EG will control most annual and perennial grasses and broadleaf weeds in addition to many brush and vine species and Alligare Mojave 70 EG will provide residual control of labeled weeds which germinate in the treated areas. For annual weed control, preferably apply Alligare Mojave 70 EG either at late preemergence-to-early postemergence for best results. For perennial weed control, Alligare Mojave 70 EG must be applied postemergence to the target weeds, since it will not control un-emerged perennial weeds. For maximum effect, weeds should be growing vigorously at the time of postemergence application and the spray solution should include a surfactant (See ADJUVANTS Section for recommendations.) Alligare Mojave 70 EG solutions may be broadcast by using ground or aerial equipment, or may be applied as a spot treatment by using low-volume techniques.

#### PRECAUTIONS FOR AVOIDING INJURY TO NON-TARGET PLANTS

Alligare Mojave 70 EG can occasionally affect non-target or untreated plants by root uptake of the herbicide. Injury or loss of non-target plants may result if Alligare Mojave 70 EG is applied onto or near desirable plants, or to areas where their roots extend, or in areas where treated soil may be washed or moved within their drip line.

Alligare Mojave 70 EG may injure or kill most desirable plants and crops. Avoid applications of Alligare Mojave 70 EG to powdery-dry soil or sand soils when there is

little likelihood of rainfall soon after treatment, since subsequent off-target movement of treated soil by water and/or wind may cause damage to adjacent desirable plants or crops.

## IMPORTANT

DO NOT use on food or feed crops. DO NOT treat irrigation ditches or water used for crop irrigation or for domestic purposes. Keep away from fertilizers, insecticides, fungicides and seeds.

DO NOT drain or flush equipment on or near desirable plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved within their dripline.

DO NOT use on lawns, walks, driveways, tennis courts or similar areas. DO NOT side trim desirable vegetation with this product. Exercise precautions to prevent spray drift onto desirable plants.

The maximum application rate per application in areas of high rainfall or dense vegetation is 12.0 pounds diuron active ingredient per acre. This is equivalent to 19.0 pounds Alligare Mojave 70 EG per acre. For all other areas, the maximum application rate per acre is 8.0 pounds diuron active ingredient per acre. This is equivalent to 13 pounds Alligare Mojave 70 EG per acre. Apply a maximum of two applications per year. Allow a minimum of 90 days between applications.

This product is NOT registered for use in California.

Clean application equipment after using this product by thoroughly flushing with water.

Aerial Application Methods and Equipment: Use 2 or more gallons of water per acre. The actual minimum spray volume per acre is determined by the spray equipment used. Use adequate spray volume to provide accurate and uniform distribution of spray particles over the treated areas and to avoid spray drift.

Managing spray drift from aerial applications: Applicators must follow these requirements to avoid off-target drift movement: 1) boom length - the distance of the outermost

nozzles on the boom must not exceed  $\frac{3}{4}$  the length of the wingspan or rotor, 2)

nozzle orientation – nozzles must always point backward parallel with the air stream and never be pointed downward more than 45 degrees, and 3) application height – without compromising aircraft safety, applications should be made at a height of 10 feet or less above the crop canopy or tallest plants. Applicators must follow the most restrictive use cautions to avoid drift hazards, including those found in the labeling as well as applicable state and local regulations and ordinances.

Ground Application (Broadcast): Use 5 or more gallons of water per acre. The actual minimum spray volume per acre is determined by the spray equipment used. Use adequate spray volume to provide accurate and uniform distribution of spray particles over the treated area and to avoid spray drift.

#### WEEDS CONTROLLED BY ALLIGARE MOJAVE 70 EG

When used as directed, Alligare Mojave 70 EG provides preemergence or postemergence control with residual control of the weed species listed below. Annual weeds may be controlled by preemergence or postemergence applications of Alligare Mojave 70 EG. For established biennial and perennial vegetation control, postemergence treatments of Alligare Mojave 70 EG are recommended. The length of residual weed control is dependent upon the weed spectrum present, the rate applied, and weather conditions. Residual control can be extended in areas with susceptible weed species, higher Alligare Mojave 70 EG use rates, lower precipitation and cooler soil temperatures. Residual control may be diminished when higher than average rainfall occurs.

Resistant Biotypes: Some weeds listed below may have naturally-occurring biotypes (plants within a given species that have a slightly different but distinct genetic makeup from other plants of that species) that are not effectively controlled by this and/or other herbicides (Oust) with the ALS/AHAS enzyme-inhibiting mode of action. If naturally-occurring ALS/AHAS-resistant biotypes are present in an area, Alligare Mojave 70 EG should be tank-mixed or applied sequentially with a registered herbicide that depends on a different mode of action to ensure control.

#### Limitations, Restrictions, and Exceptions

The higher rates should be used where heavy or well established infestations occur.

Growth Habit – A = Annual, B = Biennial, P = Perennial.

Blackberry, Dewberry - Control is species dependent. Some Rubus species may not be completely controlled.

Kudzu - Use a minimum of 75 GPA - Control of established stands may require repeat applications.

Trumpet creeper and Virginia creeper - Use at least 13 pounds Alligare Mojave 70 EG per acre.

#### FOR CONTROL OF UNDESIRABLE WEEDS UNDER PAVED SURFACES

Alligare Mojave 70 EG can be used under asphalt, pond liners and other paved areas, but ONLY in industrial sites or where the pavement has a suitable barrier along the perimeter that prevents encroachment of roots of desirable plants.

Alligare Mojave 70 EG should only be used where the area to be treated has been prepared according to good construction practices. Before application of Alligare Mojave 70 EG, rhizomes, stolons, tubers or other vegetative plant parts should be removed from the treatment site by scalping with a grader blade to a depth sufficient to insure their complete removal.

**IMPORTANT:** Paving should follow Alligare Mojave 70 EG applications as soon as possible. DO NOT apply where the chemical may contact the roots of desirable trees or other plants. This product is not recommended for use under pavement on residential properties such as driveways or parking lots, nor in recreational areas such as under bike or jogging paths, golf cart paths, or tennis courts, or where landscape plantings could be anticipated. Injury or death of desirable plants may result if this product is applied where roots are present or where they may extend into the treated area. NOTE that roots of trees and shrubs may extend a considerable distance beyond the branch extremities; i.e., drip line.

#### APPLICATION DIRECTIONS FOR PAVED SURFACES:

Applications should be made to the soil surface only when final grade is established. DO NOT move soil following Alligare Mojave 70 EG application.

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application rate per acre is 8.0 pounds diuron active ingredient per acre. This is equivalent to 13 pounds Alligare Mojave 70 EG per acre. Apply a maximum of two applications per year. Allow a minimum of 90 days between applications.

Application Rate (7-10 pounds of product/acre): For initial applications, apply Alligare Mojave 70 EG at 5 to 6 pounds per acre in combination with another herbicide (see TANK MIXES Section).

#### Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Spot treatment](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Spot treatment](#)

#### Rates

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#### Timings

[Preemergence \(Weed\)](#)

[Postemergence \(Weed\)](#)