

LESS THAN 15 INCHES AVERAGE ANNUAL RAINFALL

General Information

PRODUCT INFORMATION

Sahara DG is a dispersible granule to be mixed with water and a spray adjuvant and applied as a spray solution to railroads, utility, pipeline and highway rights-of-way, fence rows, farmyards and around farm buildings, nonirrigation ditchbanks, and industrial noncropland areas such as utility plant sites, petroleum tank farms, pumping installations and storage areas, where bareground is desired.

Sahara DG may also be used for weed control under paved surfaces.

Sahara DG will control most annual and perennial grasses and broadleaf weeds in addition to many brush and vine species and Sahara DG will provide residual control of weeds which germinate in the treated areas. For annual weed control Sahara DG may be applied either preemergence or postemergence to the weeds; however, a late preemergence to early postemergence application is the method of choice in most situations.

For perennial weed control Sahara DG is only effective when applied postemergence and will not control perennial weeds that are not emerged at the time of application. For maximum activity, weeds should be growing vigorously at the time of postemergence application and the spray solution should include a spray adjuvant (for specific recommendations see ADJUVANTS section of the label).

The length of residual weed control achieved with Sahara DG is dependent upon the weed spectrum present, the rate applied, and weather conditions. Longer residual control can be achieved in areas with sensitive weed species, higher Sahara DG use rates, lower precipitation and cooler soil temperatures. Extremes in weather conditions, such as higher than average rainfall, can significantly affect the residual control of Sahara DG and shorten the overall length of control.

PRECAUTIONS FOR AVOIDING INJURY TO NONTARGET PLANTS

Untreated trees can occasionally be affected by root uptake of Sahara DG through movement into the topsoil.

Injury or loss of desirable trees or other plants may result if Sahara DG is applied on or near desirable trees or other plants, on areas where their roots extend, or in locations where the treated soil may be washed or moved into contact with their roots.

Treatment of powdery dry soil or light sandy soil when there is little likelihood of rainfall soon after treatment may result in off-target movement and possible damage to desirable plants when soil particles are moved by water and/or wind.

Injury to crops may result if treated soil is washed, blown, or moved onto land used to produce crops. Exposure to Sahara DG may injure or kill most crops.

Application Instructions

Application Restrictions

- A maximum of 19 pounds of Sahara DG herbicide (12 pounds of diuron) per acre may be applied in areas of high rainfall or dense vegetation.
- A maximum of 12.85 pounds of Sahara DG per acre (8 pounds of diuron) may be applied in all other areas.
- A maximum of two (2) applications may be made per year.
- The minimum retreatment interval is 90 days.

When using Sahara DG in combination with other diuron-containing products a total of no more than 12 pounds of diuron may be applied per application in high rainfall or dense vegetation areas and a total of 8 pounds of diuron per application in all other areas. No more than two applications of diuron-containing products may be made per year with a minimum of 90 days between treatments.

Sahara DG controls many annual weeds when applied either preemergence or postemergence and many perennial weeds when applied postemergence (See the Weeds Controlled section for a list of susceptible weeds).

Sahara DG should be mixed in water and applied with properly calibrated

equipment to deliver the desired gallons per acre of spray volume in a uniformly distributed spray pattern across the treated area. Sahara DG should be applied at a minimum of 7 pounds of product per acre.

Rates as low as 5 pounds of Sahara DG per acre may be used, but must be tank mixed with another herbicide (see TANK MIXES section below). For retreatment purposes within the same growing season, Sahara DG rates less than 7 pounds per acre may be used. DO NOT apply more than a total of 19 pounds per acre in a 12 month period in areas with high rainfall or dense vegetation. A maximum of 12.85 pounds of Sahara DG per acre may be applied in all other areas.

The length of residual weed control achieved with Sahara DG may be significantly affected by rainfall amounts. To achieve the desired residual control with increasing rainfall amounts, higher rates of Sahara DG should be applied. As a general guideline the Sahara DG rates listed below are recommended for different annual rainfall amounts. Actual use rates will vary depending upon the length of residual control desired, weed pressure and environmental conditions.

Postemergence Applications

Always use a spray adjuvant (see ADJUVANTS section of the label) when making a postemergence application. For optimum performance on tough to control perennial weeds, applications should be made at a total volume of 100 gallons per acre or less, in combination with 1 quart per acre of a methylated seed oil. For quicker burndown or brown-out of target weeds, Sahara DG may be tank mixed with products such as Roundup herbicide or Finale herbicide (see TANK MIXES section of the label for other products and specific recommendations).

Spot Treatments and Crack and Crevice Treatments

Sahara DG may be used as an initial or follow-up treatment to control escapes or weed encroachment in a bareground situation including cracks and crevices in paved surfaces such as roadways, runways and parking areas. To prepare the spray solution, thoroughly mix in each gallon of water at least 0.5 to 1 pound of Sahara DG plus an adjuvant.

DO NOT exceed the maximum use rate per acre for the area being treated. For increased burndown, include Roundup, Finale, or similar products (see TANK MIXES section of the label for other products and specific recommendations).

WEEDS CONTROLLED BY SAHARA DG

Sahara DG will provide preemergence or postemergence control with residual control of the following target vegetation species at the rates listed. Residual control refers to control of newly germinating seedlings. In general, annual weeds may be controlled by preemergence or postemergence applications of Sahara DG. For established biennials and perennials, postemergence applications of Sahara DG are recommended. Refer to the APPLICATION INSTRUCTIONS section for use rate directions.

Sahara DG must be used only in accordance with directions on the label.

Resistant Biotypes: Naturally occurring biotypes (a plant within a given species that has a slightly different but distinct genetic makeup from other plants of the same species) of some weeds listed on the label (pigweed, kochia and Russian thistle) may not be 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, Sahara DG herbicide should be tank mixed or applied sequentially with an appropriate registered herbicide having a different mode of action to ensure control.

Refer in the label regarding tank mix information.

Limitations, Restrictions, and Exceptions

FOR CONTROL OF UNDESIRABLE WEEDS UNDER PAVED SURFACES

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

Sahara DG should be used only where the area to be treated has been prepared according to good construction practices. If rhizomes, stolons, tubers or other vegetative plant parts are present in the site, they should be removed by scalping with a grader blade to a depth sufficient to ensure their complete removal.

IMPORTANT: Paving should follow Sahara DG 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 is it recommended for use 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. Roots of trees and shrubs may extend a considerable distance beyond the branch extremities or the drip line.

APPLICATION DIRECTIONS FOR

USE UNDER PAVED SURFACES

Applications should be made to the soil surface only when final grade is established. **DO NOT** move soil following Sahara DG application.

Apply Sahara DG in sufficient water (at least 100 gals/acre) to ensure thorough and uniform wetting of the soil surface, including the shoulder areas. Add Sahara DG at a rate of 19 pounds of product per acre to clean water in the spray tank during the filling operation.

Agitate before spraying.

If the soil is not moist prior to treatment, incorporation of Sahara DG is needed for herbicide activation. Sahara DG can be incorporated into the soil to a depth of 4 to 6 inches using a rototiller or disc. Rainfall or irrigation of 1 inch will also provide uniform incorporation. **DO NOT** allow treated soil to wash or move into untreated areas.

NOTE:

- For initial applications SAHARA may be used at rates as low as 5 to 6 pounds per acre, but must be tank mixed with another herbicide (see TANK MIXES section below).

The higher rates should be used on the target weeds where heavy or well established infestations occur.

For best results early postemergence applications are required for these weeds: Broom snakeweed; Kochia, Purple loosestrife; Rush skeletonweed; Russian thistle; Stinging nettle.

The degree of control is species dependent. Some Rubus species may not be completely controlled such as Blackberry and Dewberry.

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

Control is species dependent. A tank-mix with PENDULUM herbicide for preemergence control and/or a postemergence application of a labeled herbicide may be required on Sprangletop and Pigweed.

The following weeds require a minimum of 13 pounds SAHARA per acre: Bahiagrass; Bermudagrass; Big bluestem; Dallisgrass; Saltgrass; Sand dropseed; Sprangletop; Canada thistle; Giant ragweed; Trumpet creeper; Virginia creeper.

For best results tank-mix Sahara with Oust in treating Bermudagrass and Saltgrass.

Control of established stands may require repeat applications on Bermudagrass and Saltgrass.

Method

[Spot treatment](#)

[Surface](#)

[Foliar spray](#)

[Spot treatment](#)

[Surface](#)

[Foliar spray](#)

Rates

[field_rates 0](#)

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Timings

[Preemergence \(Weed\)](#)

[Postemergence \(Weed\)](#)