

NATIVE PRAIRIEGRASS RENOVATION AND RESTORATION - SWITCHGRASS (PANICUM VIRGATUM)

General Information

GENERAL INFORMATION

PLATEAU DG is a pre-measured quantity (1.44 oz) of water dispersible granules, contained within a water soluble bag, to be mixed with water and an adjuvant and applied as a spray solution to provide weed control and/or turf height suppression on non-cropland areas such as railroad, utility, pipeline and highway rights-of-way, utility plant sites, non-agricultural fence rows, non-irrigation ditchbanks, Conservation Reserve Program (CRP) land (see USE OF PLATEAU DG ON CONSERVATION RESERVE PROGRAM LAND section), prairie sites, airports, industrial turf, recreational and non-residential turf and other similar areas. PLATEAU DG may be used for the release of smooth brome grass, wheatgrass, "wildtype" common Kentucky bluegrass, native prairiegrass, wildflowers, crown vetch and certain legumes. PLATEAU DG can also be used for weed control during the establishment of native prairiegrasses (see NATIVE PRAIRIEGRASS RENOVATION AND RESTORATION).

PLATEAU DG is readily absorbed through leaves, stems, and roots and is translocated rapidly throughout the plant, with accumulation in the meristematic regions. Treated plants stop growing soon after spray application. Chlorosis appears first in the newest leaves, and necrosis spreads from this point. In perennials, the herbicide is translocated into, and kills, underground storage organs which prevents regrowth. Chlorosis and tissue necrosis may not be apparent in some plant species for several weeks after application. Complete kill of plants may not occur for several weeks after application. Adequate soil moisture is important for optimum PLATEAU DG activity. When adequate soil moisture is present, PLATEAU DG will provide residual control of susceptible germinating weeds. Activity on established weeds will depend on the weed species and rooting depth. PLATEAU DG is rainfast one hour after application.

PLATEAU DG will control annual and perennial grasses and broadleaf weeds and vine species. PLATEAU DG will provide residual control of labeled weeds which

germinate in the treated area. Certain brush species and ornamentals may be injured by direct application of PLATEAU DG to their foliage. This product may be applied either preemergence or postemergence to the weeds. However, post emergence application is the method of choice in most situations, particularly for perennial species. For maximum activity, weeds should be growing vigorously at the time of postemergence applications and the spray solution should include an adjuvant (See “Adjuvants” Section). These solutions may be applied as a broadcast or as a spot treatment using backpack, or ground equipment.

PLATEAU DG may be applied in the dormant or growing season for weed control.

Depending on the turf type being treated, some yellowing of turf may occur with applications during the growing season. Depending on weather conditions, yellowing will usually disappear in 2 to 4 weeks. PLATEAU DG should not be applied to newly seeded or sprigged grass stands, unless otherwise stated in the label. See PRAIRIEGRASS RENOVATION AND RESTORATION sections.

Limitations, Restrictions, and Exceptions

NATIVE PRAIRIEGRASS RENOVATION AND RESTORATION

PLATEAU DG may be applied at the rate of 1 to 3 water soluble packets per acre to newly established or existing stands of labeled species (see below for details) in such areas as roadsides, industrial sites, prairie restoration sites, drainage ditch banks, and other such noncropland areas. Certain local ecotypes or varieties may be suppressed by PLATEAU DG. Many factors such as poor seedling vigor, cool temperatures, poor soil, planting depth, excessive moisture, disease, insects and dry weather after emergence can all result in poor stands. Additional stress of herbicide residue, poor soils and other factors contributing to poor seedling vigor can also increase injury and could result in mortality. BASF can not be held responsible for such unforeseen factors. It is suggested to try PLATEAU DG on a small area if tolerance is not known. PLATEAU DG controls many annual and perennial grass and broadleaf weeds. Weed competition is reduced allowing prairiegrass seedlings to establish. PLATEAU DG is also effective for control of noxious weeds in established prairiegrass stands and must be applied postemergence as a foliar treatment to perennial weeds. **IMPORTANT: ALWAYS ADD AN ADJUVANT** when applying PLATEAU DG.

PLATEAU DG may be applied at a rate of up to 1 water soluble packet per acre to

Federal Conservation Reserve Program (CRP) land for the establishment or release of big bluestem, little bluestem, Indiangrass, sideoats and blue grama.

Switchgrass (*Panicum virgatum*): PLATEAU DG is not recommended for the establishment of pure switchgrass stands as severe injury or death may result. PLATEAU DG may be applied at a rate of 1 water soluble packet per acre if switchgrass is planted in mixed stands with tolerant species, but only if some stand thinning or loss of stand can be tolerated. Mature switchgrass planting can be reclaimed from certain perennial weeds such as tall fescue, leafy spurge, johnsongrass, etc., with PLATEAU DG at rates of 2 to 3 water soluble packets per acre. However, severe stunting and injury is imminent. DO NOT apply PLATEAU DG to switchgrass if such severe injury can not be tolerated.

PLATEAU DG Rate (water soluble packets / acre) - High rates may result in stunting and growth suppression.

Method

[Broadcast/Foliar Ground](#)

[Spot treatment](#)

[Broadcast/Foliar Ground](#)

[Spot treatment](#)

Timings

[Preemergence \(Weed\)](#)

[Postemergence \(Weed\)](#)