

"GLEAN" HERBICIDE + "KARMEX" DF HERBICIDE  
EPA REG. NOS. 352-404 and 352-508

SUPPLEMENTAL LABELING  
"GLEAN" HERBICIDE + "KARMEX" DF HERBICIDE  
TANK MIX FOR WEED CONTROL IN  
WINTER WHEAT IN THE STATES OF  
CENTRAL KS, CENTRAL NE, CENTRAL OK  
AND NORTH CENTRAL TX

ACCEPTED

OCT - 3 1989

For the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
this product is registered for the postemergence  
control of weeds  
EPA Reg. No. 352-404 and 352-508

DIRECTIONS FOR USE

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

Du Pont "Glean" Herbicide plus Du Pont "Karmex" DF Herbicide tank mix is recommended for the control of certain broadleaf weeds in winter wheat.

GENERAL INFORMATION

"Glean" + "Karmex" DF tank mix provides both preemergence and postemergence control of labeled weeds. Degree of control and duration of effect will depend on weed spectrum and density; weed size and variability; amount of cover canopy; growing conditions before, at and following application; rate and timing of application and spray coverage.

GRAZING TREATED FIELDS

"Glean" has no grazing restriction. "Karmex" DF has no grazing restriction.

USE RATES/APPLICATION TIMING/SURFACTANT/LIQUID NITROGEN CARRIER

Postemergence to Crop

"Glean" may be used annually as a tank mix treatment with "Karmex" DF Herbicide preemergence or postemergence to weeds. Use 1/6 to 1/3 oz/A of "Glean" plus 1/2 to 1 lb/A "Karmex" DF. Do not use on sand or sandy loam soils or on soils with less than 1% organic matter. Use 1/2 to 3/4 lb/A of "Karmex" DF on loam, silt and silt loam soils and 1/2 to 1 lb/A of "Karmex" DF on clay, clay loam and silty clay loam soils. Applications can be made from the one tiller stage of wheat but before the boot stage. However, do not tank mix "Glean" plus "Karmex" DF with liquid nitrogen fertilizer after wheat has broken winter dormancy and resumed upright growth. Use water as the carrier for applications made after crop has broken winter dormancy.

nitrogen fertilizer. Do not add a surfactant when temperatures are above 60° F. Do not apply "Glean" plus "Karmex" DF in combination with organophosphate insecticides.

Rainfall is required to activate "Karmex" DF; best results occur if rainfall (1/2 to 1 inch or enough to wet the top 1 to 2" of soil) occurs within 2 weeks of application.

#### Weeds Controlled with this Tank Mix

"Glean" at 1/6 through 1/3 oz/A plus "Karmex" DF at 1/2 through 1.0 lb/A.

|                  |                  |
|------------------|------------------|
| Blue mustard     | Lambsquarters    |
| Common chickweed | Prickly lettuce  |
| Corn groomwell   | Ragweed (common) |
| Curly dock       | Redroot pigweed  |
| Falseflax        | Tansymustard     |
| Field pennycress | Treacle mustard  |
| Flixweed         | Wild buckwheat   |
| Henbit           |                  |

#### SPRAY PREPARATION, EQUIPMENT, SPRAY VOLUME

Mix the proper amount of "Glean" and "Karmex" DF into the necessary volume of water in the spray tank with the agitator running. Agitation is required for uniform mixing and application. If spray preparation is left standing, thoroughly reagitator before using. "Glean" and "Karmex" DF must be added to the spray tank first, followed by other tank mix chemicals and surfactants. Surfactant may be added at 1 pt, but not more than 2 pt/100 gallons of spray solution. To apply "Glean" plus "Karmex" DF with liquid nitrogen fertilizer, slurry the "Glean" and "Karmex" DF in water; then thoroughly mix the slurry with the liquid nitrogen fertilizer. Do not add a surfactant when "Glean" and "Karmex" DF are applied with liquid nitrogen fertilizer as the carrier.

For ground applications minimum spray volume is 3 GPA (gallons per acre). Flat fan nozzles are recommended. When using flood jet or "Raindrop" nozzles, use higher spray volume (minimum 20 GPA) to ensure thorough coverage. However, "Glean" + "Karmex" DF may be applied at not less than 10 GPA when using small orifice flooding nozzles such as flood jet TK 5 to TK 7.5 or equivalent, providing these nozzles are on a 30-inch spacing or not less than 13 GPA when these flooding nozzles are on a 40-inch spacing.

Volumes exceeding the minimum should be used as weed populations or canopy cover increases.

For aerial applications use nozzle types and arrangements that will provide for optimum spray distribution and maximum coverage at 3 to 5 GPA. Do not apply during inversion conditions, when winds are gusty, or when other conditions will favor poor coverage and/or off target spray movement.

Refer to both product labels for other warnings, precautions and other instructions.

Before replanting to any crop other than wheat, read the crop rotation guidelines on both "Glean" and "Karmex" DF labels and follow the one with the longest interval for your situation.

Do not treat winter wheat planted less than 1" deep.

Varieties of winter wheat differ in their tolerance to herbicides. When using "Glean" plus "Karmex" DF for the first time on a particular variety, limit initial use to one 18 oz. jug of "Glean". If no symptoms of crop injury occur 14 days after treatment, balance of acreage can be treated.

Do not apply "Glean" plus "Karmex" DF to winter wheat that is stressed by severe weather conditions, drought, low fertility, water saturated soil, disease or insect damage, as crop injury may result. Severe winter stress, drought, disease, or insect damage following application may also result in crop injury.

Do not apply to frozen ground where surface runoff may occur.

Do not apply to snow covered ground.

Do not use on sand or loamy sand soils, nor on gravelly or sandy loams low in organic matter (less than 1%), nor on thinly covered exposed subsoil areas (clay knobs).

Do not use on fields that have variable soil conditions where large areas are gravelly or sandy, have eroded knolls, calcium deposits or widely variable pH readings or organic matter content. Use of "Glean" plus "Karmex" DF on fields with these conditions may result in crop injury or adversely affect crop rotation intervals.

Do not apply to winter wheat, undersown with legumes and grasses, as injury to the forages will result.

Under certain conditions such as heavy rainfall, prolonged cool weather (daily high temperature less than 50° F) or wide fluctuations in day/night temperatures just prior to or soon after treatment, temporary discoloration and/or crop injury may occur. Risk of injury is greatest when crop is in the one tiller stage.

Preemergence weed control may be unsatisfactory on soils containing 5% or more organic matter.

Fall applications on coarse textured soils (especially those having a pH of greater than 7.0) may not provide adequate control of spring germinating weeds.

To reduce the potential for movement of treated soil due to wind erosion, do not apply to powdery dry or light sandy soils until they have been stabilized by rainfall, trashy mulch, reduced tillage or other cultural practices. Injury to adjacent crops may occur when treated soil is blown onto land used to produce crops other than cereal grains.

IMPORTANT

BEFORE USING "GLEAN" PLUS "KARMEX" DF TANK MIX, READ AND CAREFULLY OBSERVE THE CAUTIONARY STATEMENTS AND ALL OTHER INFORMATION APPEARING ON EACH RESPECTIVE PRODUCT LABEL.

This bulletin contains new or supplemental instructions for use of these products which may not appear on the package labels. Follow the instructions carefully.

This labeling must be in the possession of the user at the time of pesticide application.

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