

PINNACLE® HERBICIDE

NOT REVIEWED

Conformance with PR Notice 82-2.

Based on Draft Labeling Dated 4/10/91

EPA REG. NO. 352-525

TANK MIX WITH BASAGRAN[1] HERBICIDE FOR CONTROL OF CERTAIN WEEDS IN SOYBEANS

DIRECTIONS FOR USE

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

Du Pont "Pinnacle" Herbicide is recommended for control of the weeds listed below when applied to soybeans in a tank mix with "Basagran" Herbicide

Do not apply this tank mix through any type of irrigation system

HOW TO USE

A tank mix of "Pinnacle" Herbicide plus "Basagran" Herbicide is recommended for control of the weeds listed in the table below. Select the proper rates for "Pinnacle" and "Basagran" based on the weed sizes indicated in the table. Best results are obtained when the "Pinnacle" plus "Basagran" tank mix is applied to weeds that are young (after the first true leaves have expanded, but before they exceed the size indicated in the table below) and actively growing. Applications made to weeds that are in the cotyledon stage, larger than the size indicated below, or to weeds under stress may result in unsatisfactory control.

WEEDS CONTROLLED RATE CHART

WEEDS CONTROLLED	HERBICIDE RATES WEED SIZES		
	"PINNACLE" 1/4 OZ/A	"PINNACLE" 1/4 OZ/A	"PINNACLE" 1/8 OZ/A
	+	+	+
	"BASAGRAN" 1 1/2 PT/A	"BASAGRAN" 1 PT/A	"BASAGRAN" 1 1/2 PT/A
	HEIGHT (Inches)	HEIGHT (Inches)	HEIGHT (Inches)
Annual smartweeds	2-6"	2-6"	2-6"
Cocklebur	2-6"	2-4"	2-6"
Common lambsquarters	2-4"	2-4"	-
Jimsonweed	2-6"	2-6"	2-6"
Pigweed spp	2-8"	2-6"	2-4"
Prickly sida	3"	-	3"
Velvetleaf	2-5"	2-5"	2-3"
Vernice mallow	2"	2"	2"
Wild buckwheat	2-3"	-	2-3"
Wild mustard	Up to 4"	Up to 4"	Up to 4"
Wild sunflower	2-6"	2-4"	2-4"

*Diameter

Applications of "Pinnacle" plus "Basagran" must include a nonionic surfactant at the rate (concentration) of 0.125% - 0.25% v/v (1 - 2 pints per 100 gallons of spray solution). USE OF THE HIGHER RATE OF NONIONIC SURFACTANT, PARTICULARLY UNDER HOT, HUMID CONDITIONS, MAY INCREASE TEMPORARY CROP INJURY. Use only EPA approved surfactants authorized for use on food crops. Use a nonionic surfactant of at least 80% active ingredient. **DO NOT USE DASH[1]**

Under dry conditions or during cool weather a crop oil concentrate at 0.5% v/v (4 pints/100 gallons of spray solution) may be used to enhance weed control. Use a petroleum based crop oil concentrate (0.5% v/v) with at least 15% emulsifiers/surfactant. THE USE OF CROP OIL CONCENTRATE MAY INCREASE TEMPORARY INJURY TO SOYBEANS.

The addition of ammonium nitrogen fertilizer is required for control of velvetleaf. Use a high quality liquid nitrogen fertilizer such as 28-0-0 at a rate of 2 - 4 quarts per acre or 10-34-0 at a rate of 1 - 2 quarts per acre. Alternatively, a high quality, sprayable grade of ammonium sulfate (21-0-0) may be used at a rate 2 - 4 pounds per acre. The addition of ammonium nitrogen fertilizer does not replace the need for a surfactant.

Broadcast Application: Use flat fan nozzles at 40 psi. Do not use flood hollow cone, rain drop, whirl chamber or controlled droplet applicator (CDA) type nozzles as unacceptable crop injury, excessive spray drift, or poor weed control may result. Use a minimum of 20 gallons of water per acre. For proper spray coverage adjust the boom and nozzle height according to the specifications listed by the nozzle manufacturer.

Band Applications: For band application, use proportionately less. Carefully calibrate the band applicator to not exceed the labeled rate or injury may occur. To avoid improper use of band application equipment carefully follow the manufacturers instructions for nozzle types, nozzle orientation, distance of the nozzles from the crop and weeds, spray volumes, calibration and spray pressure. For additional information on row banders see Du Pont's bulletin, "Application Accuracy - Row Banders."

Aerial Applications: Use nozzle types and arrangements that will provide for optimum spray distribution and maximum coverage at 5 to 10 GPA. Do not apply during a temperature inversion condition, when winds are gusty or when other conditions will favor poor coverage and/or off target spray movement. Use a minimum of 5 gallons of water per acre. Consult the respective product labels for special directions for aerial applications.

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straw for animal feed or bedding.

Do not apply if rain is expected within 1 hour, or weed control may be decreased.

Do not cultivate before, during or within 7 days after the application. Cultivation may put weeds under stress by pruning roots, thus making control more difficult to obtain. The best time to cultivate is approximately 14 days after application.

Do not allow spray from either ground or aerial equipment to drift onto adjacent crops or land, as injury to other plants may occur.

Do not tank mix with organophosphate insecticides, or apply within 14 before or after and application of an organophosphate insecticide as severe crop injury may occur.

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

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

[1] Registered trademark of BASF AG

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