

ROUNDUP READY SOYBEANS

General Information

PRODUCT INFORMATION

TACKLE herbicide provides burndown and residual control of many broadleaf and grass weeds in soybeans. It can be applied to no-till soybeans as a burndown prior to planting. It may also be applied postemergence to Roundup Ready soybeans for season-long weed control. TACKLE is effective for control of difficult weeds common to no-till production.

Occasionally, internode shortening and/or temporary yellowing of crop plants may occur following an application of TACKLE. These effects occur infrequently and are usually temporary.

BURNDOWN WEED CONTROL (no-till soybeans and stale seedbed)

Apply TACKLE for burndown of weeds in no-till soybeans. It may be applied prior to planting, or preemergence of any soybean variety (including Roundup Ready or non-Roundup Ready soybeans). Add 2,4-D or dicamba products to the spray tank for enhanced control of perennial weeds including marestail and hemp dogbane.

ROUNDUP READY SOYBEANS (glyphosate-resistant)

TACKLE may also be applied for postemergence weed control in Roundup Ready soybeans. Apply TACKLE for general weed burndown and season-long control of broadleaf and grass weeds.

For season-long control of grass weeds, apply an approved preemergence herbicide prior to planting soybeans. Several herbicides such as PROWL 3.3 EC, PROWL H2O, and DUAL MAGNUM brands will also enhance control of waterhemp. A postemergence application of TACKLE will control many escape weeds and provide season-long control of most broadleaf and grass weeds.

When mixing TACKLE herbicide with 2,4-D, dicamba products, or soybean preemergence herbicides, always use in accordance with the more restrictive label limitations and precautions.

No label dosage rates should be exceeded. This product can not be mixed with any product containing a label prohibition against such mixing.

When organophosphate (such as chlorpyrifos) or carbamate insecticides are tank-mixed with TACKLE, temporary injury may result to the treated crops.

NOTE: DO NOT apply TACKLE postemergence to non-Roundup Ready soybeans.

ATTENTION AVOID CONTACT OF TACKLE WITH FOLIAGE OF DESIRABLE PLANTS, BECAUSE SEVERE INJURY OR PLANT DEATH MAY RESULT.

AVOID DRIFT. EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS.

DO NOT allow the herbicide solution to drift onto desirable vegetation. Very small amounts of drift may cause injury or death to desirable crops or plants. The likelihood of injury occurring from the use of this product increases when winds are gusty. The risk of injury from this product increases when wind direction is constantly changing or during inversion conditions or other weather conditions that favor drift. Avoid applications using high spray pressure and high speed. These contribute to conditions that favor small spray droplets and drift.

SPRAYING INSTRUCTIONS

DO NOT apply when winds are gusty, under low-level inversion conditions or under other conditions that favor drift. Maintain appropriate buffer zones between treated fields and adjacent desirable vegetation. Exposed leaves or other green tissue may be damaged or killed by drift from TACKLE.

GROUND APPLICATIONS:

Uniformly apply with properly calibrated ground equipment in 10 or more gallons of water per acre. A spray pressure of 20 to 40 psi is recommended.

To ensure thorough coverage, use a minimum of 20 gallons of water per acre when applying TACKLE to minimum or no-till crops. Use higher gallonage for fields with

dense vegetation or heavy crop residues. Adjust the boom height to ensure proper coverage of weed foliage (according to the manufacturer's recommendation). Use only flat-fan nozzle tips for postemergence applications.

Avoid overlaps when spraying.

TACKLE HERBICIDE APPLICATIONS WITH A LOW VOLUME SPRAYER

TACKLE may be applied to soybeans with a low volume (Spra-Coupe type) sprayer. When applying TACKLE with a low volume sprayer, spray the weeds before they reach the maximum size listed in the label. Adequate control of weeds is dependent upon good spray coverage of the weeds. The sprayer must be calibrated to deliver the recommended spray volume and pressure to ensure adequate spray coverage of the weeds.

When applying TACKLE with a low volume sprayer, apply a minimum of 10 gallons per acre of spray solution with a nozzle pressure between 40-60 psi for optimum coverage.

Lower nozzle pressure will minimize the potential for drift to desirable vegetation.

AERIAL APPLICATION

Uniformly apply with properly calibrated aerial equipment in 5 or more gallons of water per acre. When applied POSTEMERGENCE, the addition of a non-ionic surfactant and fertilizer solution are required for optimum weed control. Apply a non-ionic surfactant at the rate of 0.125% v/v of spray solution and ammonium sulfate at the rate of 2.5 lb/acre.

(See instructions under APPLICATION INFORMATION – POSTEMERGENCE).

To avoid injury to sensitive crops from drift, aerial applicators must adhere to the following

SPECIAL AERIAL USE DIRECTIONS AND PRECAUTIONS.

- Nozzle height above ground must be a maximum of 10 feet.
- Nozzles must be pointed toward the rear of the aircraft. The downward angle of the nozzle should not be greater than 20 degrees.

- To minimize wing-tip vortex roll, nozzles or spray boom must not be located any closer to end of wing or rotor than three-fourths the distance from the center of the aircraft.
- Use a maximum spray pressure of 40 psi.
- A buffer zone must be established between the area to be sprayed and sensitive crops.
- DO NOT spray when wind velocity is greater than 5 mph. Coarse sprays (larger droplets) are less likely to drift.

Applicator is responsible for any loss or damage which results from spraying TACKLE in a manner other than specified in the label. In addition, applicator must follow all applicable state and local regulations and ordinances in regard to spraying.

APPLICATION INFORMATION

POSTEMERGENCE

TACKLE herbicide is effective in controlling weeds in conservation tillage as well as in conventional production systems. Apply TACKLE as a postemergence treatment. Application timing should be based on weed size and not crop growth stage. Apply TACKLE to crops and weeds that are actively growing.

A non-ionic surfactant and a nitrogen-based fertilizer must be added to the spray solution for optimum weed control activity. See the ADJUVANTS section under MIXING INSTRUCTIONS for specific instructions.

When TACKLE is applied postemergence, absorption will occur through both the roots and foliage. Susceptible weeds stop growing and either die or are not competitive with the crop. TACKLE not only controls many existing broadleaf and grass weeds when applied postemergence, it also provides control of susceptible weeds that may emerge after application.

For maximum weed control, cultivate 7-10 days following a postemergence TACKLE herbicide application. This timely cultivation will enhance residual weed control, especially under dry conditions.

Apply TACKLE at a minimum of one hour before rainfall or overhead irrigation.

Unusually cool temperatures (50° F or less) reduce photosynthesis and transpiration and thus reduce uptake, translocation, and efficacy of TACKLE in weeds.

If air temperature has been below 50° F for 10 or more hours, delaying a TACKLE herbicide application for 48 hours after the temperature increases above 50° F will improve weed control and reduce crop response.

NO-TILL/MINIMUM TILLAGE AND DOUBLE CROP SOYBEANS

TACKLE controls existing weeds and provides residual control of several weeds when applied early postemergence to soybeans in no-till or minimum tillage and double crop soybean production systems. Apply either before or after emergence of the crop. (Refer to the WEEDS CONTROLLED chart for weeds controlled and weed size).

The addition of PROWL 3.3 EC, PROWL H2O or DUAL MAGNUM brands, in a tank-mixture with TACKLE for burndown weed control, will provide season-long control of grass and enhance control of waterhemp.

For improved burndown weed control, TACKLE may be tank-mixed with 2,4-D or dicamba containing products. Refer to the 2,4-D and dicamba product labels for application rates and intervals between application and planting.

Limitations, Restrictions, and Exceptions

BURNDOWN WEED CONTROL (no-till soybeans and stale seedbed)

Apply TACKLE at the rate of 2-4 pints per acre. (One gallon will treat 2-4 acres of soybeans at these rates.)

ROUNDUP READY SOYBEANS (in crop postemergence weed control)

To minimize weed competition to the soybeans, apply to weeds 1-4 inches in size. Apply TACKLE at the rate of 2-4 pints per acre. (One gallon will treat 2-4 acres of soybeans at these rates.)

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Burndown](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Burndown](#)

Rates

[field_rates 0](#)

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Restricted Entry Interval

48 hours

Tillages

[Conventional](#)

[No-Tillage](#)

[Conservation](#)

Timings

[Postemergence \(Crop\)](#)

[Postemergence \(Weed\)](#)