

PRODUCT NUMBER
5300

2007 100
1000
ACCEPTED SPECIMEN LABEL

APR 14 1986

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
recommended for the pesticide
registered under
EPA Reg. No. 359-708

Tackle

Herbicide



For Postemergence Weed Control in Soybeans

ACTIVE INGREDIENT:

Sodium salt of acifluorfen* 21.1%

INERT INGREDIENTS:

..... 78.9%

*Contains 2 pounds sodium salt of acifluorfen (Sodium
5-(2-chloro-4-trifluoromethylphenoxy)-2-nitrobenzoate)
per gallon

EPA Reg. No. 359-

EPA Est. No.

1284

**NET CONTENTS
GALLONS**

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water. Get medical at-
tention.

IF SWALLOWED: Drink promptly a large quantity of milk,
egg whites, gelatin solution or fruit juice. These drinks are not
available, drink large quantities of water. Avoid alcohol.
Get medical attention.

IF INHALED: Remove victim to fresh air. If not breathing,
give artificial respiration, preferably mouth-to-mouth.
Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get
medical attention if irritation persists.

Manufactured by

RHÔNE-POULENC INC.

AGROCHEMICAL DIVISION

Monmouth Junction, N.J. 08852

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER

Corrosive, causes eye damage. Causes skin irritation. Wear goggles or face shield when handling. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes, or clothing. For protection during application, wear a hat, a long sleeved shirt and trousers. In addition, mixer/loaders must wear rubber or neoprene gloves. Remove contaminated clothing and launder before reuse. Wash thoroughly with soap and water after handling.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply where weather conditions favor drift from treated area. Do not apply directly to lakes, streams, ponds or public waters. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

STORAGE

Keep from freezing. Store above 32° F

PESTICIDE DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

General Information

TACKLE® is a selective postemergence herbicide for control of a number of important broadleaf weeds in soybeans. Optimum control is obtained when TACKLE is applied to young actively growing weed seedlings. TACKLE works primarily by contact action. Thorough coverage of the seedling weeds is essential.

TACKLE is formulated as an aqueous solution containing 2 pounds of active ingredient per gallon. Soybeans are tolerant to a postemergence application of TACKLE when treated at the recommended rates. TACKLE may cause speckling, crinkling, cupping, and bronzing of some of the soybean leaves contacted by the spray. When an adjuvant is added to the spray mixture, these symptoms may be more severe. Soybeans outgrow this condition and subsequent growth is unaffected.

Although TACKLE provides suppression of certain seedling annual grasses, TACKLE should be used in conjunction with a standard grass herbicide program.

DIRECTIONS FOR USE · SOYBEANS

Application of TACKLE should be made postemergence to actively growing seedling weeds that do not exceed the recommended maximum stage of growth listed in the APPLICATION RATE TABLE. This generally correlates to soybean growth stages of the first to third trifoliate leaves. When determining weed stages of growth, do not count cotyledonary leaves but only the fully developed true leaves.

APPLICATION RATE TABLE

WEEDS CONTROLLED	APPLICATION RATES (Pints per acre)		
	1½	2	3
	MAXIMUM LEAF STAGE		
Carpetweed (<i>Mollugo verticillata</i>)	4†	6†	6†
Common Ragweed (<i>Ambrosia artemisiifolia</i>)	4	4	4
Florida Pusley (<i>Richardia scabra</i>)	4	4	4
Hemp Sesbania* (<i>Sesbania exaltata</i>)	4	6	6
Jimsonweed (<i>Datura stramonium</i>)	4	4	6
Pitted Morningglory (<i>Ipomoea lacunosa</i>)	4	4	4
Redroot Pigweed (<i>Amaranthus retroflexus</i>)	4	6	6
Smallflower Morningglory (<i>Jacquemontia tamnifolia</i>)	4	4	4
Wild Mustard (<i>Brassica kaber</i>)	4	6	6
Bristly Starbur (<i>Acanthospermum hispidum</i>)		4	4
Common Cocklebur* (<i>Xanthium pensylvanicum</i>)		4	5
Common Lambsquarters* (<i>Chenopodium album</i>)		4	6
Cypressvine Morningglory (<i>Ipomoea quamoclit</i>)		4	4
Eastern Black Nightshade (<i>Solanum ptycanthum</i>)		4	4
Entireleaf Morningglory* (<i>Ipomoea hederacea</i> var. <i>integrifolia</i>)		4	4
Giant Ragweed (<i>Ambrosia trifida</i>)		4	4
Hophornbeam Copperleaf (<i>Acalypha ostryaefolia</i>)		4	4
ivyleaf Morningglory* (<i>Ipomoea hederacea</i> var. <i>hederacea</i>)		4	4
Japanese Morningglory (<i>Ipomoea nil</i>)		4	4
Ladysthumb (<i>Polygonum persicaria</i>)		4	6
Palmleaf Morningglory (<i>Ipomoea wrightii</i>)		4	4
Pennsylvania Smartweed (<i>Polygonum pensylvanicum</i>)		4	6
Scarlet Morningglory (<i>Ipomoea coccinea</i>)		4	4
Smooth Pigweed (<i>Amaranthus hybridus</i>)		4	4
Tall Morningglory* (<i>Ipomoea purpurea</i>)		4	4
Tall Waterhemp (<i>Amaranthus tuberculatus</i>)		4	4
Tropic Croton (<i>Croton glandulosus</i>)		4	6
Venice Mallow* (<i>Hibiscus trionum</i>)		4	4
Wild Buckwheat (<i>Polygonum convolvulus</i>)		4	4
Wolly Croton (<i>Croton capitatus</i>)		4	4
Velvetleaf* (<i>Abutilon theophrasti</i>)			4

*See special use directions.

†Maximum plant diameter in inches.

ADD

4616

cleared for use on growing crops

USE OF ADJUVANTS

Addition of an adjuvant to the TACKLE spray mixture will improve weed control when environmental conditions are not optimal (see MIXING AND APPLICATION). The use of an adjuvant with TACKLE is also required to enhance the control of certain weed species (see SPECIAL USE DIRECTIONS). Use a non-ionic surfactant containing a minimum of 80% active ingredient at the rate of 1 quart per 100 gallons of spray mixture. A crop oil concentrate containing 80-85% paraffin based petroleum oil and 15-20% non-ionic surfactant may be substituted for the non-ionic surfactant at the same rate.

SPECIAL USE DIRECTIONS

COMMON COCKLEBUR (*Xanthium pensylvanicum*)

Apply TACKLE at 2 pints per acre for control of common cocklebur that do not exceed the 4 true leaf stage. When common cocklebur reaches the 5 true leaf stage, apply TACKLE at 3 pints per acre. Control is more consistent when common cocklebur is actively growing under conditions of high soil moisture and high relative humidity. Control of common cocklebur may be partial or inconsistent with low soil moisture conditions.

COMMON LAMBSQUARTERS (*Chenopodium album*)

Apply TACKLE at 2 pints per acre for control of common lambsquarters up to 4 true leaves (maximum 1" in height). Use TACKLE at 3 pints per acre for control of common lambsquarters up to 6 true leaves (maximum 1 1/2" in height). Addition of an adjuvant to the spray mixture is required for optimum control. Partial or inconsistent control will be obtained if common lambsquarters exceed the recommended stage of growth.

ANNUAL MORNINGGLORY

Entireleaf Morningglory (*Ipomoea nederacea* var. *integrifolia*)

Ivyleaf Morningglory (*Ipomoea nederacea* var. *nederacea*)

Tall Morningglory (*Ipomoea purpurea*)

Apply TACKLE at 2 pints per acre for control of entireleaf, ivyleaf, and tall morningglories that do not exceed the 4 true leaf stage. Addition of an adjuvant to the spray mixture is required for optimum control in the following Southern states: AL, AR, FL, GA, LA, MS, NC, OK, SC, TN, and VA.

HEMP SESBANIA (*Sesbania exaltata*)

Apply TACKLE at 1 1/2 pints per acre for control of hemp sesbania. Addition of an adjuvant to the spray mixture is required for optimum control.

VELVETLEAF (*Abitillon theophrasti*)

Apply TACKLE at 3 pints per acre for control of velvetleaf that do not exceed the 4 true leaf stage (maximum 4" in height). Addition of an adjuvant to the spray mixture is required for optimum control. Velvetleaf control with TACKLE at 2 pints per acre may be partial or inconsistent.

ADD: VENICE MALLOW (*Hibiscus trionum*)

Apply TACKLE at 2 pints per acre for control venice mallow. Addition of an adjuvant to the spray mixture is required for optimum control.

ADD: WILD POINSETTIA (*Euphorbia heterophylla*)

TACKLE at 2 pints per acre suppresses the growth of wild poinsettia by burning down of top growth. Addition of an adjuvant to the spray mixture is required for optimum activity. Make applications when wild poinsettia is in the 2 to 3 leaf stage. Regrowth may occur.

ADD: CANADA THISTLE (*Cirsium arvense*)

TACKLE at 2 pints per acre suppresses the growth of Canada thistle by burning down of the top growth. Make application when Canada thistle is 8 inches tall to the bud stage. Regrowth may occur.

ANNUAL GRASSES (Suppression)

Giant Foxtail (*Setaria faberii*)
Green Foxtail (*Setaria viridis*)
Johnsongrass, seedling (*Sorghum halepense*)
Yellow Foxtail (*Setaria lutescens*)

Apply TACKLE at 2 pints per acre for suppression of giant foxtail, green foxtail, Johnsongrass (seedling) and yellow foxtail that escape a soil applied grass herbicide treatment. The maximum stage of growth of these grasses should not exceed 3 leaves. Addition of an adjuvant to the spray mixture is required for optimum control.

MIXING AND APPLICATION

MIXING

Fill the spray tank $\frac{1}{2}$ to $\frac{3}{4}$ full with clean water. Begin agitation and add the recommended amount of TACKLE. Add the appropriate amount of adjuvant if being used. Fill the tank with water. Allow the spray mixture to agitate and recycle for at least 5 minutes before application. Maintain agitation when spraying to insure a uniform spray mixture. Do not allow the spray mixture to stand without agitation.

GROUND APPLICATION

Use a standard herbicide boom sprayer that provides uniform and accurate application. Sprayer should be equipped with screens no finer than 50 mesh in the nozzle tips and in-line strainers.

Use flat fan or hollow cone nozzles spaced a maximum of 20 inches apart. Do not use flood type nozzles. Calibrate the sprayer to deliver 20 to 30 gallons of spray mixture per acre at 30 to 40 psi at the nozzle tips. Thorough coverage of the weeds is essential for optimum control. Do not apply sprays under wind conditions which may allow drift to nontarget areas. Wind velocity above 5 mph may cause improper application.

TIMING

TACKLE applications should be made when weeds are small and actively growing, but before weeds reach the maximum size listed in the APPLICATION RATE TABLE. This generally correlates to soybean growth stages of the first to third trifoliate leaves.

Application should be made under favorable growing conditions such as good soil moisture, maximum daily air temperature above 70° F. and relative humidity above 40%. Weed control generally improves with increasing relative humidity and soil moisture. Application should not be made when soybeans or weeds are under stress and not actively growing.

Cultivation before or during TACKLE application may place target weeds under stress, resulting in poor or erratic weed control. If cultivation is necessary, wait 7-10 days after application.

USE RESTRICTIONS

- Do not use treated plants for feed or forage.
Do not apply more than 3 pints per acre, or make more than one application to soybeans per growing season.
ADD: Do not apply within 50 days of harvest.
Do not apply if rainfall is expected within 4 to 6 hours because weed control may be decreased.
Do not use during periods of dry weather when crop and weeds are under drought stress and are not actively growing.
ADD: Do not plant rotational crops within 8 months of Tackle application.
In case of crop failure, only soybeans may be replanted.

6046

ADD: _____

crop

In order to assure maximum safety and weed control follow all cautions and limitations on this label and the labels of products used in tankmixes with TACKLE.

TACKLE® is a registered trademark of Rhone-Poulenc Inc.

CONDITIONS OF SALE, WARRANTY, LIMITATION OF LIABILITY

This product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated on such label only when used in accordance with directions under normal use conditions. Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of Rhone-Poulenc or the seller. Buyer assumes all risks of use, storage, or handling of this material, not in strict accordance with directions given herewith. In no case shall Rhone-Poulenc or the seller be liable for consequential, special, or indirect damages such as loss of profits or values resulting from the use or handling of this product.

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