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TACKLE® Herbicide Pending Label EPA Submission Date: 12-5-88

## **TACKLE®** Herbicide

## For Postemergence Weed Control in Soybeans

## KEEP OUT OF REACH OF CHILDREN DANGER

## STATEMENT OF PRACTICAL TREATMENT

If In Eyes: Flush with plenty of water. Get medical attention.

If Swallowed: Dnnk promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, dnnk 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 imitation persists

For <u>PRODUCT</u>, <u>USE</u> Information Call 1-800-334-9745 For <u>EMERGENCY</u> Information <u>ONLY</u> Call 24 Hours A Day 1-800-334-7577

Rhône-Poulenc Ag Company.

P.O. Box 12014, T.W. Alexander Drive Research Triangle Park, N.C. 27709

**Net Contents:** 

DEC 21,1988

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## PRECAUTIONARY STATEMENTS DANGER HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive Causes eye damage. Causes skin irritation. Wear goggles or face shield when handling. Harmful if swalfowed 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 musosal damage may contraindic te the use of gastric lavage.

#### **ENVIRONMENTAL HAZARDS**

This product is toxic to tish. Do not apply where weather conditions favor drift from treated area. Do not apply directly to takes, streams, pends, or public waters. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate water when disposing of equipment wash waters.

## STORAGE AND DISPOSAL STATEMENTS STORAGE

Keep from freezing. Store above 32. F.

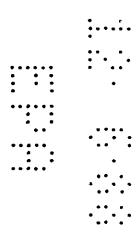
## PESTICIDE DISPOSAL

Do not contaminate water food or feed by storage or disposal.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or nm atems 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 Wallte 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 by incineration, or if allowed by state and local authorities, by open burning. If burned, stay out of smoke. Do not reuse empty containers.



#### DIRECTIONS FOR USE

If the a violation of Fiederal law to great the production a manner inconsistent with its labiling.

Do not apply TACKLE. Herbicide through any type of irrigation system.

#### General Information

TACKLE is a celective postermergens eithert linde for control of a number of important broadleaf weeds in solybeans. Optimum control is obtained when TACKLE is applied to young actively growing weed likeliholdings. TACKLE works principly by contact action. Therefore, thorough coverage of target weeds is excential.

IACKLE is formulated as an aqueous solution containing 2 pounds of active ingredient per gallon. When properly applied, TACKLE provides excellent postemergence control of troublesome broadleaf weeds such as morningglories, common cocklebur, velvetleaf and other weeds. Soybeans are tolerant to postemergence applications of TACKLE when treated at the recommended rates. TACKLE MAY CAUSE SPEICKLING, CRINKLING, CUPPING, AND BRONZING OF THE SOYBEAN LEAVES CONTACTED BY THE SPRAY. When fertilizer collutions and adjuvants are added to the spray mixture, these symptoms may be more severe. Soybeans outgrow these conditions and subsequent growth and yield are unaffected.

TACKLE may be applied sequentially with or in tank mixtures with selective postemergence grass terbicides such as POAST\_FUSILADE 10/0 If., WHIP, OPTION and ASSURE for broad spectrum control of broadleaf and grassy weeds in so, beans. Depending on the broadleaf weeds present, TACKLE may be tank mixed with BUTYRAC 0/0 CLACSIC, BASAGRAN, AMIBEN L., AMIBEN DS, RESCUE and SCEPTER herbicides. When tank-mixing TACKLE with other herbicides, read and follow all application use directions and restrictions on the respective product labels. For improved control of many weeds urea aminonium nitrate (UAN) fertilizers containing at least 28% total N and 10-34-0 NPK fertilizers can be applied with TACKLE. TACKLE is also recommended for postemergence applications following pre-plant une of COMMAND. For further instructions, refer to individual sections describing each tank mixture found on this label. Although TACKLE provides noticeable suppression of certain young seeding annual grassies. TACKLE should not be considered a substitute for a standard preemergence or postemergence grass herbicide program.

#### MIXING AND APPLICATION

#### MIXING

#### **USE OF ADJUVANTS**

Use of a spray adjuvant cleared for everyn growing crops with TACKLE will improve control on most weeds when environmental conditions are not optimal (i.e. high temperatures, drought, etc.). Adjuvants are required with TACk. Eunder all excumstances for enhanced control of certain weeds (see ADDITIONAL USE DIRECTION ) PROBLEM WEEDS (4.50 YB) ANS). Use a non-ionic surfactant containing a minimum of 80% active ingredient at the rate of 1 operation of 100 gallons (0.25% viv.) of spray mixture. A crop oil concentrate (C.O.C.) containing 85.85% paraflin based petroleum oil and 15.20% non-ionic surfactant may also be used at a rate of 1.0 quart A in 30.100 gallons carrier A (0.25.0.83% viv.)

## **USE OF LIQUID FERTILIZERS**

For improved performance on several weed species, TACKLE may be tank-mixed with urea ammonium nitrate (UAN) furilizers containing at least 28% total N and 10-34-0 NPK fertilizer solutions. UAN may be added to the spray tank at a rate of 2.5-5.0 % v.v. 10-34-0 NPK fertilizers are used at a rate of 1.0 quart/A. UAN and 10.34-0 NPK fertilizers may also be added to TACKLE+BASAGRAN and TACKLE+RESCUE tank mixtures. The user is referred to each individual tank-mix section for further directions and restrictions.

After selecting the concentration (%) of UAN to use in the spray tank and the spray volume in which the TACKLE + UAN tank mixture is to be sprayed, use the table below to determine how much UAN to use per acre

SPRAY VOLUME(Gallons/Acre)	% UAN DESIRED IN S 2.5% AMOUNT OF UAN TO	5.0%
5	1.0 PINT	1.0 QUART
10	1.0 QUART	2.0 QUARTS
20	2.0 QUARTS	4.0 QUARTS
30	3.0 QUARTS	6.0 QUARTS

#### **GROUND APPLICATION**

Use a mounted (3-point), skid mounted (Pickup), pull type, self propelled, high clearance, or other design sprayer equipped with a broadcast boom. The boom swath should not exceed the width of the spray boom. Do not use boom extension nozzles. Use nozzle screens fine enough to protect nozzles from plugging (refer to nozzle manufacturers' catalogs). Use tapered flat spray tips with 80- or 110-degree spray angles. Use tip sizes of -06 or smaller to ensure adequate breakup of the spray into small droplets. Operate sprayer to maintain a nozzle pressure of 30 to 40 PSI. Adjust nozzle height so the spray penetrates the crop and weed canopy, and so the coverage width of one nozzle spray pattern is no less than 1.1/2 times the nozzle spacing, when measured at the height of the weeds. Mount tips so spray is directed down or slightly forward. Hellow cone spray tips may also be used.

Spray TACKLE in 10-30 total gallons of carner per acre (GPA) when using GROUND DRIVEN equipment. When weed infestations are heavy and foliage is dense, apply TACKLE using the highest practical application spray volumes and nozzle pressures from the recommended ranges to ensure thorough weed coverage. Always avoid spraying when wind conditions will result in spray drift to non-target areas, or when wind will distort spray pattern uniformity.

### **AERIAL APPLICATION**

Spray TACKLE in 5.10 total gallons of carner per acre (GPA) when using AERIAL equipment. The discraft used for spraying should be equipped with diaphragm type nozzles that produce cohe or an spray patterns with a maximum spray pressure of 40 psi at the nozzle tips. Nozzles should be located no further than 3/4 the distance from the center of the aircraft to the end of the wing or rotor. Nozzles should be mounted at an angle between straight down and straight back. The aircraft should discharge the spray a maximum of 10 feet above the crop. To minimize drift, do not apply when wind speed exceeds 5 mph. TACKLE may be applied as directed by air as a tank mixture with any of the other herbicides or sprayadditives listed on this label. When spraying TACKLE by air with other herbicides, the user is directed to read and follow all aenal use restrictions and limitations found on this label and on labels of any other products being applied.

## APPLICATION TIMING FOR USE IN SOYBEANS

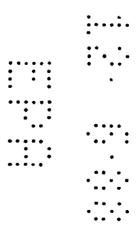
Except as specifically directed elsewhere on this label, TACKLE applications should be made to actively growing emerged weeds which have not exceeded the maximum sizes listed in the TACKLE ALONE APPLICATION RATE TABLE. Proper application of TACKLE generally correlates to soybean growth stages of the first to third trifoliate leaf, which occurs most frequently between 14 and 21 days after planting. When determining weed stages of growth, do not count cotyledonary leaves but only the fully developed true leaves. Recommended weed and soybean growth stages may be different when applying tank-mixtures of TACKLE with other compounds. However, for best performance, TACKLE applications should be made in the presence of favorable growing conditions such as good soil moisture, maximum daily air temperatures above 70. For and relative humidity above 40%. Weed control generally improves with increasing relative humidity and soil moisture. TACKLE should not be applied when seybeans or weeds are exhibiting clear signs of stress due to excessively hot or cold weather, drought, flooding, plant pathogens, insects, other pesticides or fertilizers or other factors.

### SEQUENTIAL APPLICATIONS

Two or more sequential applications of TACKLE may be made as needed during the growing season to control additional flushes of seedling weeds listed in the TACKLE ALONE APPLICATION RATE TABLE. The total amount of TACKLE applied to any one soybean field during a single growing season must not exceed 3.0 pints A (0.75 ib A! Arre). Do not apply TACKLE within 50 days of soybean harvest.

#### CULTIVATION

When properly utilized, timely cultivations may aid overall weed control efforts as well as crop growth. However, cultivation BEFORE or DURING TACKLE archications may place target weeds under stress resulting in erratic weed control. When using TACKLE: ostpone cultivations until 3-10 days after application to ensure best performance.



## TACKLE ALONE APPLICATION RATE TABLE

	1	USE RA	TE (Pint	s/A)	
	1.0	1.5		3.0	
BROADLEAF WEEDS	MAX	IMUM L	EAF STA	AGE	
Buckwheat, Wild	•	-	4	4	
Carpetweed	-		6	6	
Cocklebur, Common*	-		4	5	
Copperleaf, Hophornbeam		-	4	4	
Croton, Tropic			4	6	
Croton Woolly			4	4	
Jimsonweed		.4	4	6	
Ladysthumb			4	6	
Lambsquarters, Common*		-	4	6	
Morningglory, Cypressvine	-	-	4	4	
Morningglory, Entireleaf*		-	4	4	
Morningglory, lvyleat*			4	4	
Morningglory, Japanese		-	4	4	
Morningglory, Palmleaf			4	4	
Morningglory, Pitted		-4	4	4	
Morningglory, Scarlet	-	-	4	4	
Morningglory, Smallflower	-	4	4	4	
Morningglory, Tall*		-	4	4	
Mustard, Wild	.4	-4	6	6	
Nightshade, Eastern Black	•	-	4	4	
Pigweed, Redroot	-	4	6	6	
Pigweed, Smooth		4	4	4	
Poinsettia, Wild*			3	3	
Pusley, Florida		4	4	4	
Ragweed, Common		4	4	4	
Ragweed, Giant	-	-	4	4	
Sesbania, Hemp*			-	-	
Smartweed, Pennsylvania	-	•	4	6	
Smartweed, Prickly	-		4	6	L
Starbur, Bristly		-	4	4	_
Thistle, Canada*	·	-	-	•	
Waterhemp, Tall	•		4	4	
Velvetleaf*		-	4	4	
Venice Mallow*			4	4	
ANNUAL GRASSES (Suppression)					
Foxtail, Giant			2	2	::
Foxtail, Yellow			3 3	3 3	•
Foxtail, Green	•		3	ა ე	**. *.
Johnsongrass, seedling	-		3 3	3	• •••
•	-	-	_	3	•
* See ADDITIONAL USE DIRECTIONS PROBLEMS of Scientific names of all woods soften to the	EM WEEDS II	4 SOYB	EANS, 10	r more shirarin	ation For a
list of scientific names of all weeds, refer to the A	not XICIN 1,546	nd belov	٧	•••	
				*****	••••

## ADDITIONAL USE DIRECTIONS. PROBLEM WEEDS IN SOYBEANS **COMMON COCKLEBUR**

TACKEE may be applied alone or as a tank mixture with SCEPTER, BUTYRAC 200, BASAGRAN, AND RESCUE herbicides and with UAN or 10/34/0 NPK fertilizer solutions to control common cocklebur, according to the table below. Before using any of these application options the user is directed to read and follow special use recommendations and instructions found elsewhere on this labeling for each tank morture. This table is to be used as a quick reference guide only

## TACKLE RECOMMENDATIONS FOR COCKLEBUR CONTROL

#### **WEFD GROWTH STAGE** MAXIMUM **PRODUCT** RATE(S)/ACRE\* LEAF STAGE HEIGHT (IN) TACKLE 2.0 pints/A 4 ALONE TACKLE 1.5-2.0 pints/A 2-4 UM 2550%vv TACKLE 1.5-2.0 pints/A 6 BASAGRAN 1.0 pint/A UAN 2.5-5 0% V:V TACKLE 1.0-1.5 pmts/A 4.6 SCEPTER 0.25-0.33 pint/A TACKLE 2.0 pints/A 10 10 BUTYRAC 200 2.3 fluid ounces/A TACKLE 1.5.2.0 pints/A 5 BASAGRAN 1.0 pint A TACKLE 1.0 pint A 4 BASAGRAN 1.0 pant/A UAN

2.5-5.0% v.v

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TACKLE ALONE	3.0 pints/A	5	
TACKLE  UAN (following COMMAND)	1.5 pint:A + 2.5.5.6% V V	4	
FACKLE RESCUE	1 0 pint-A + 2 3 quarts A		12 24

<sup>\*</sup> Refer to specific tank mix sections for additional use directions and restrictions before using

## **MORNINGGLORIES**

For control of entireleat, ivyleaf and tall morningglories, TACKLE may be applied alone with approved spray adjuvants or as a tank mixture with either BUTYRAC 200 or SCEPTER herbicides, according to the table below. The user is directed to read and follow specific use recommendations, instructions and restrictions for each tank mix found elsewhere on this label. The following table is to be used as a quick reference guide only.

## TACKLE RECOMMENDATIONS FOR MORNINGGLORY CONTROL

PRODUCT	RATE(S)'ACRE	MAXIMUM LEAF STAGE	
TACKLE  Hon lonic Surfactant or Crop Oil Concentrate	2.0 pints A 0.25 % v v or 0.25 0.83 v v	4	
TACKLE BUTYRAC 200	2.0 pints:A 2.3 fluid oanser A	10	• • • •
TACKEE SCEPTER	1.5 pirit⇔A 0.33 pirit A	4	

## **VELVETLEAF**

Apply TACKLE with an approved adjuvant or as a tank-mix with BASAGRAN, AMIBEN, or UAN fertilizer solution to control velvetleaf. For maximum effectiveness, TACKLE and TACKLE tank-mixtures must be applied to velvetleaf that do not exceed the 4 true leaf stage. The user is directed to read and follow specific use recommendations, instructions and restrictions to using each tank-mix found elsewhere on this label.

## TACKLE RECOMMENDATIONS FOR VELVETLEAF CONTROL.

PRODUCT	RATE(S)-ACRE	MAXIMUM LEAF STAGE
TACKLE	2.0 pints/A	4
UAN	2 5 5 9% v v	
TACKLE	1.5.2.0 pints A	4
BASAGRAN	1 0 pint A	
TACKLE	1.0 pint A	4
BASAGRAN	1.0 pint/A	
+ UAN	25500 v v	
TACKLE  Non ionic Surfactant or Crop Oil Concentrate	3 0 pints/A + 0 25% V V or 0 25 0 83% V V	4
TACKLE • UAN	3.0 pints/A • 2.5-5.0% v v	Provides suppression of velvetleaf up to the 6 leaf stage
AWIBEN  TACKLE	1526 pints A 56 quarts A or	4
AMIBEN DS	3036 pounde A	

#### **COMMON LAMBSQUARTERS**

Apply TACKLE at 2 pints A plus an approved non-ionic surfactant, a crop oil concentrate or UAN (2.5-5.0% V V) for control of lambsquarters up to the 4 leaf stage. Apply a tank mix of TACKLE at 1.0 pint:A + BASAGRAN at 1.0 pints A + UAM (2.5.5.0% v v) for control of lambsquarters up to the 4-leaf stage. Apply TACKLE at 1.5.2.0 pints A + BASAGRAN at 1.0 pint:A + UAN (2.5.5.0% v v) for control of common lambsquarters up to the 6 leaf stage. Apply TACKLE at 2 pints: acre with an approved nonionic surfactant or crop oil concentrate for control of common lambsquarters up to 6 true leaves (maximum 1.1/2" in height).

#### HEMP SESBANIA

Apply TACKLE by ground or aenal equipment at a rate of 1.0 pint A for control of hemp sesbania plants that DO NOT EXCEED 48 INCHES IN HEIGHT AND HAVE NOT REACHED THE FLOWERING STATE. Hemp sesbania control in soybears, may be erratic with TACKLE rates lower than 1.0 pint/A, particularly when weeds are subjected to exceptionally hot and dry weather conditions, or on larger hemp sesbania plants that are beginning to flower. The use of an approved nonionic surfactant or crop of concentrate is required for optimum control of hemp sesbania with TACKLE.

## **VENICE MALLOW**

Apply TACKEE at 2 pints per acrestor control of venice mallow. Addition of an approved nonionic surfactant or crop oil concents to to the spray meture is required for optimum control of Venice Mallow with TACKLE.

### WILD POINSETTIA

TACKLE at 2 pints per acree og; recom the growth of wild poincettra by barning down of top growth. Addition of an approved adjustant to the spray mixture is required for optimium activity. Make applications, when wild poincettia in in the 2 to 3 leaf stage. Regrowth may occur.

### **CANADA THISTLE**

TACKLE alone at 2 pints per acre suppresses the growth of Canada thisfle by burning down of the top growth. For optimum performance on Canada Thintle, apply a tank mix of TACKLE and UAN (2.5-5.0° v.v.). Micro applications when Canada thintle is at least 8 inches tall but before flower buds form. Regrowth may occur.

## ANNUAL GRASSES (Suppression)

Grant Foxtail
Green Foxtail
Johnnongrass, seeding
Yellow Foxtail

Apply TACKLE alone at 2.9 pints per acrestor suppression of quantifextual, green foxtail. Johnsongrass recedings and yellow foxtail that excape a resupplied grass herbis ide treatment. The maximum stage of growth of these grasses should be exceed 3 leaves. Addition of an approved nonionic surfactantes cooperations are concentrate to the spray table is a goined for optimum performance.

### **GENERAL USE RESTRICTIONS**

Do not use treated plants for feed or forage

Do not apply more than 3 pints of TACKLE per acre per growing season

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.

Do not plant rotational crops within 8 months of TACKLE application.

Do not arrive rotated cereal grain crops or harvest for livestock forage or straw

in cace of crop failure, only coybe and may be replanted. In order to assure maximum crop safety and weed control, follow all cautions and limitations on this label.

Do not add UAN fertilizer to TACKLE - AMIBEN DS or AMIBEN Litanik mictures.

## **TACKLE + BASAGRAN TANK MIXTURES**

#### GENERAL INFORMATION

TACKLE may be tank mixed with PASAGRAN for broad spectrum posteriergence control of many broadleaf weeds in soybeans. This tank mixture is particularly useful, though not limited to situations where velvetleaf, cocklebur, morningglories, or prickly sida are problem weeds.

#### MIXING AND APPLICATION

Fill the spray tank 1.2 to 3.4 full with clean water. Begin apitation and add the recommended amounts of TACKLE and then BASAGRAN. Add water to the spray tank to decired level. Apply to soybeans with at least one expanded trifoliate leaf. Addition of UAN or 10.34.0 NPH tertilizers or a reprioric surfactant or crop oil concentrate to TACKLE + BASAGRAN tank mixtures is recommended when climatic conditions do not favor rapid weed growth and for improved performance on many weed species. See additional instructions for using fertilizer scholors with TACKLE + BASAGRAN tank mixtures, below

#### **USE RECOMMENDATIONS**

PRODUCT	RATE	WEEDS CONTROLLED	
TACKLE + PASAGRAM	1 5 2 0 Pints A + 1 6 Pint A	Controls all weeds listed on the TACKLE label at 1.5 or 2. Pints A plus control of common cocklebur up to the 5 leaf stage, and velvetieaf up to the 4 leaf stage.	
TACK'E PACAGRAN	1 5 2 9 Pirite A  1 5 Pints A	Controls all weeds listed on the TACKLE tabel at 1.5 or 2 Pints Aplus cocklebur up to the 6 leaf stage, wild sunflower up to the 4 leaf stage, prickly sida up to the 6 feat stage and velvetleaf up to the 4 leaf stage.	

#### **USE RESTRICTIONS**

Do not apply this tank mix if weeds to be controlled are not at the proper stage of growth or when grasses to be controlled include rhizome johnsongrass, qualikgrass, bermudagrass, wirestem withly, volunteer corn, shaftercane, volunteer cereals, wild oats, red nice or itchgrass. Do not apply Poard herbicide within 90 days of soybean harvest.

## TACKLE + BASAGRAN + POAST SEQUENTIALS TACKLE + BASAGRAN + POAST TANK MIXTURES

#### GENERAL INFORMATION

Sequential and tank mix programs of TACKLE, BASAGRAN and POAST herbicides are recommended for broad spectrum control of many grass and broadleaf weed species in soybeans.

#### MIXING INSTRUCTIONS

Fill the spray tank 1/2 to 3/4 full with clean water. Begin agitation and add the recommended amounts of TACKLE and BASAGRAN, in that order, if these herbicides are to be applied as a tank mixture without POAST or TACKLE. BASAGRAN and POAST, in that order, if making a three way tank-mix application. Whenever POAST is applied, either alone, or with TACKLE and BASAGRAN as a three way tank mix. 1.6 quart acre of an approved crop oil concentrate must be added to the spray tank to ensure optimum grass control. If using the three way tank-mixture of TACKLE + BASAGRAN + POAST, do not use any spray additive or adjuvant other than an approved crop oil concentrate or reduced grass control may result.

#### **APPLICATION PROCEDURES**

TACKLE + BASAGRAN herbicide tank mixtures may be applied before or after a separate application of POAST for grads control, or as a three way tank mixture with POAST, when grasses and broadleaves are both at the proper stage of growth for treatment. Apply to soybeans with at least one fully developed trifoliate leaf. Read and follow all additional directions, precautions and restrictions to using this tank mix which are found elsewhere on this label.

#### SEQUENTIAL APPLICATIONS

Make sequential application of TACKLE + BASAGRAN tank mixtures and POAST herbicide using one of the two suggested spray programs described below

#### PROGRAM 1

Apply TACKLE + BASAGRAN tank mixtures to succeptible broadleaf weeds as previously described. Seven days after applying the TACKLE + BASAGRAN tank mixture or when grasses have resumed active growth and are at the proper stage for treatment. POAST herbicide may be applied at rates specified an the POAST label.

#### PROGRAM 2

When grasses are actively growing and have attained the stage of growth recommended for treatment apply POAST at the rate specified on the PDAST label. After 24 hours, TACKLE + BASAGRAN tank multimes may be applied as previously described to control susceptible broadleaf weeds.

#### TANK-MIX APPLICATIONS

Three way tank mixtures of TACKLE + PACAGRAN + POACT may be applied for control of no any \*\* \* broudlest actique weeds. Always add an acceptable crop of concentrate to the opisit tank of #\* \* \* consumption mostly e

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#### TACKLE + BASAGRAN + POAST TANK MIXTURE

#### **USE RECOMMENDATIONS**

PRODUCT(S)	RATES	WEEDS CONTROLLED/COMMENTS
TACKLE  BASAGRAN  POAST  Crop Oil	1 5 2 0 Pints/A + 1 5 pints A + 1 5 pints/A +	Controls many annual broadleaf and grass weeds. See the POAST and BASAGRAN labels and further instructions elsewhere on this label.
Concentrate	1 0 quart'A	

#### **USE RESTRICTIONS**

Do not apply this tank-mixture if weeds to be controlled are not at the proper stage of growth or when grasses to be controlled include rhizome johnsongrass, quackgrass, bermudagrass, wirestem muhly, volunteer corn, shattercane, volunteer cereals, wild oats, red rice, or itchgrass. Do not apply Poast within 90 days of soybean harvest.

## TACKLE/FUSILADE 2000 IE SEQUENTIALS TACKLE + FUSILADE 2000 IE TANK MIXTURES

#### **GENERAL INFORMATION**

Sequential and tank-programs of TACKLE and FUSILADE 2000 IE herbicides are recommended, as described below, for broad spectrum control of many grass and broadleaf weed species in soybeans

#### MIXING INSTRUCTIONS

Fill the spray tank 1/2 - 3/4 full with clean water. Begin agitation and add the recommended amounts of TACKLE or FUSILADE 2000 IE, if making split applications, or TACKLE and FUSILADE 2000 IE, in that order, if making tank mix applications. Add either a crop oil concentrate or a non-ionic surfactant approved for use on growing crops to the spray tank when applying FUSILADE 2000 IE alone, or as a tank-mixture with TACKLE to ensure optimum grass control.

APPLICATION TIMING AND METHODS	
SEQUENTIAL APPLICATIONS	:
Make sequential applications of TACKLE and FUSILADE 2000 IE using one of the two suggestings described below.	ested spray
PROGRAM 1	•:
Apply ACR F at precious, this is the susceptible broadleaf weeds. Seven days a applying ACRTE, it were near grass is his elfesumed active growth and are at the proper state of the proper	after

#### PROGRAM 2

When grasses are actively growing and have attained the growth stage recommended for treatment, apply FUSII ADE 2000 IE at the rate described on the FUSII ADE 2000 IE label. After 24 hours, TACKLE may be applied a previously directed, to control susceptible broadleaf weeds

#### TANK-MIX APPLICATIONS

FACKLE and FUSILADE 2000 IE may be applied as tank mixtures for control of many broadleaf and grass weeds in soybeans, according to directions below. Always add an approved adjuvant to the spray tank mix when using this tank mix as directed.

### TACKLE + FUSILADE 2000 IE TANK-MIX

#### **USE RECOMMENDATIONS**

PRODUCT(S)	RATES	WEEDS CONTROLLED/COMMENTS
TACKLE  FUSILADE 2000 1F	1 5- 3 0 Pints/A + 24 fluid ounces/A	Controls many annual broadleaf and grass weeds. See the FUSII ADE 2000 1E label and further instructions elsewhere on this label.
Crop Oil Concentrate or Non ionic	1.0 quart'A or	
surfactant	0 25% v v	

#### **USE RESTRICTIONS**

Do not apply this tank mix if weeds to be controlled are not at the proper stage of growth or when grasses to be controlled include rhizome johnsongrass, quackgrass, bermudagrass, wirestem muhly, volunteer cereals, wild oats, red rice, or itchgrass

Do not apply Fusilade 2000 1E after soybean bloom

## TACKLE and WHIP of OPTION SEQUENTIALS TACKLE + WHIP or OPTION TANK MIXTURES

#### GENERAL INFORMATION

Sequential and tank-mix programs with TACKLE and WHIP or OPTION posteriergence grass herbicides are recommended for broad-spectrum weed control of many annual grass and broadleal weeds in soybeans

#### MIXING INSTRUCTIONS

Fill the spray tank 1/2 - 3/4 full with clean water. Begin aditation and add the recommended amounts of either TACKLE or WHIP/OPTION, if making split applications or TACKLE and WHIP/OPTION in that order, if making tank mix applications. A crop oil concentrate containing at least 80% non-phytotoxic petroleum.

oil and approved for use on growing crops may be added to the spray tank at the rate of 1.0 quart/A when applying WHIP or OPTION

#### **APPLICATION TIMING AND METHODS**

#### SEQUENTIAL APPLICATIONS

Make sequential applications of TACKLE and WHIP or OPTION, using one of the two suggested spray programs described below. Always read and follow all application use directions and restrictions on the respective product labels. Ensure that all weeds to be treated are at the proper stages of growth specified on both labels for control.

#### PROGRAM 1

Apply TACKLE, as previously directed, to control susceptible broadleaf weeds. Seven days after applying TACKLE, or whenever grass weeds have resumed active growth and are at the proper stage for treatment, WHIP or OPTION may be applied at rates specified on the WHIP or OPTION package label.

#### PROGRAM 2

When grasses are actively growing and are at the recommended stage for treatment, apply WHIP or OPTION at the rate described on the WHIP or OPTION label. After 3 days, TACKLE may be applied as previously directed, to control susceptible broadleaf weeds.

#### TANK-MIX APPLICATIONS

Tank mixtures of TACKLE + WHIP or OPTION may be applied for control of mall, broadleaf and grassy weeds. Tank-mix applications should be used only when both the annual grass and broadleaf weeds to be controlled are in the proper stage of growth for simultaneous treatment as specified elsewhere on this label and on the WHIP and OPTION labels.

The rate of WHIP or OPTION to use in tank-mixtures with TACKLE is 1.6 pints. A for ground applications of tank mixtures, use a minimum of 20 gallons of water per acre. If applying tank mixtures by air, use a spray volume of 5 gallons per acre. The rate of FACKLE to use in a tank mixture with WHIP will depend on the identity and size of the broadleaf weeds to be controlled (see the TACKLE ALONE APPLICATION RATE TABLE) elsewhere on this label). When tank-mixing, always follow all application recommendations and use restrictions found on both the TACKLE and WHIP or OPTION package labels.

#### **USE RESTRICTIONS**

Do not apply this tank-mix if weeds to be controlled are not at the proper stage of growth or when grasses to be controlled include rhizome johnsongrass, quackgrass, bermudagrass, wirestern wuhly, volunteer corn, shattercane, volunteer cereals, wild oats, red noe or itchgrass.

Do not use adjuvants when applying tank mixtures of TACKLE with WHIP or OPTION herbicides as unacceptable crop injury may result

Do not apply WHIP or OPTION herbicides within 90 days of soybean harvest

TACKLE+ Herbicide Pending Label EPA Submission Date: 12-5-88

#### MIXING INSTRUCTIONS

Fill the spray tank 1/2 - 3/4 full with clean water. Begin agitation and add the recommended amounts of either TACKLE or ASSURE, if making split applications or TACKLE and ASSURE in that order, if making tank-mix applications. A crop oil concentrate at a rate of 1.0 quart/A or a nonionic surfactant at a rate of 0.25% v.v. should be added to the spray tank when applying ASSURE.

#### **APPLICATION TIMING AND METHODS**

#### SEQUENTIAL APPLICATIONS

Make sequential applications of TACKLE and ASSURE, using one of the two suggested spray programs described below. Always read and follow all application use directions and restrictions on the respective product labels. Ensure that weeds to be treated are at the proper stages of growth specified on both the TACKLE and ASSURE labels before applying either product.

#### PROGRAM 1

Apply TACKLE alone or with a spray adjuvant or fertilizer additive as directed elsewhere on this label to control susceptible broadleaf weeds. Seven days after applying TACKLE, or whenever grass weeds have resumed active growth and are at the proper stage for treatment, ASSURE may be applied at rates specified on the ASSURE label.

#### PROGRAM 2

When grasses are actively growing and are at the recommended stage for treatment, apply ASSURE according to label directions. After 24 hours, TACKLE may be applied as previously directed, to control susceptible broadleaf weeds.

#### TANK-MIX APPLICATIONS

Tarik mixtures of TACKLE + ASSURE may be applied for control of many broadleaf and grassy weeds. Tarik-mix applications should be used only when both the annual grass and broadleaf weeds to be controlled are in the proper stage of growth for simultaneous treatment as specified elsewhere on this label and on the ASSURE label.

In tank mixtures with TACKLE, the rate of ASSURE used must be increased by 4.0 fluid ounces/A as compared to the normally recommended rate of ASSURE applied alone. Consult the ASSURE label for normal use rates recommended for the grass weed(s) to be controlled. The rate of TACKLE to use in a tank mixture with ASSURE will depend on the identity and size of the broadleaf weeds to be controlled (see the TACKLE ALONE APPLICATION RATE TABLE elsewhere on this label). When tank-mixing, always follow all application recommendations and use restrictions found on both the TACKLE and ASSURE package labels.

#### **USE RESTRICTIONS**

Do not apply this tank mix if either broadleaf or grass weeds to be contro growth for control with TACKLE or ASSURE	olled are not at the proper stage o
Do not apply tank-mixtures of TACKt E and ASSURF if grass species to	be controlled include
barnyardgrass, broadleaf signalgrass, crabgrass, red nce. Texas panicur wirestem muhly as unacceptable control of these species may result	••••
Do not cultivate within 7 days after an application of ASSURE as grass $lpha$	ontrol may be unsatisfactory
Do not apply ASSURE if rainfall is expected within 3 hours of application unsatisfactory	as grass control may be
Do not apply ASSURE within 80 days of soybean harvest	•••••

TACKLE® Herbicide Pending Label EPA Submission Date: 12-5-88





#### **GENERAL INFORMATION**

Urea ammonium nitrate (UAN) fertilizer solutic ris containing at least 28% total N may be tank-mixed with TACKLE herbicide for enhanced control of lambsquarters, cocklebur, velvetleaf, and other weeds

#### MIXING AND APPLICATION DIRECTIONS

Fill the spray tank 1/2-3/4 full with clean water. Begin agitation and add TACKLE at recommended rates then add UAN at 2.5-5.0% viv. Do not spray this mixture using brass or aluminum nezzles as premature wear and loss of sprayer calibration due to spray tip corrosion may occur. Flush sprayer with clean water after application.

#### **USE RECOMMENDATIONS**

PRODUCT	RATE	WEEDS CONTROLLED: COMMENTS	
TACKLE + UAN	1 0 Pint/A 	Controls redroot and smooth pigweeds up to the 4 true leaf stage	
TACKLE + UAN	1 5-2 0 Pints A + 2 5-5 0%-v v	Controls all weeds listed on the TACKLE label at 1.5-2.0 pints plus control of common cocklebur ranging from 2-4 true leaves	
TACKLÉ + - UAN	2.0 pints A + 2 5-5 0%v v	Controls all weeds listed on the TACKLE label at 1.5 or 2.0 pints/A PLUS control of velvetleaf up to the 4-leaf stage and common lambsquarters up to the 4-leaf stage	
TACKLE + UAN	3 0 Pints/A + 2 5-5.0% v v	Controls all weeds listed on the TACKLE ALONE APPLICATION RATE TABLE at rates of 3.0 pirits/A or less. This treatment will also suppress relvetleaf up to the 6 true leaf stage Regrowth may occur	•••••

After selecting the concentration (%) of UAN to use in the spray tank and the spray volume in which the TACKLE + UAN tank mixture is to be sprayed, use the table below to determine how much UAN to use per acre

\* TACKLE® Herbicide Pending Label EPA Submission Date: 12-5-88

#### % UAN DESIRED IN SPRAY TANK (%V:V)

SPRAY VOLUME(Gallons/Acre)	2.5% AMOUNT OF UAN TO	5.0% SPRAY PER ACH.E
5	1.0 PINT	1.0 QUART
10	1.0 QUART	2.0 QUARTS
20	2.0 QUARTS	4.0 QUARTS
30	3.0 QUARTS	6.0 QUARTS

#### **USE RESTRICTIONS**

Do not apply during periods of dry weather when crops and weeds are under drought stress, as weed control may be decreased.

# TACKLE + BASAGRAN\_+

## **UAN OR 10-34-0 FERTILIZER TANK-MIXTURES**

1184-

#### **GENERAL INFORMATION**

Urea ammonium nitrate (UAN) solutions containing at least 28 % total N and 10-34-0 NPK fertilizers may be added to tank mixtures of TACKLE + BASAGRAN herbicides for enhanced control of velvetleaf, common cocklebur, and common lambsquarters. Control of other weeds mentioned on the TACKLE + BASAGRAN tank mix label may also be improved

### MIXING AND APPLICATION INSTRUCTIONS

Fill the spray tank 1/2 - 3/4 full with clean water. Begin agitation and add the recommended amounts of TACKLE and BASAGRAN, Add 10-34-0 at a rate of 1 quart/A or UAN at a rate of 2.5-5.0% v:v to the spray tank. Do not use brass or aluminum nozzles when spraying tank-mixtures containing fertilizer solutions as premature wear and loss of proper sprayer calibration due to spray tip corrosion may occur. Flush sprayer with clean water after application.

#### **USE RECOMMENDATIONS**

PRODUCT(S)	RATES	WEEDS CONTROLLED/COMMENTS		
		WEED	MAXIMUM LEAF STAGE	:
TACKLE	1.0 pint/A	VELVETLEAF	4	•
+	+	COCKLEBUS	4	
BASAGRAN	1.0 pint/A	LAMBSQUARTERS	4	
<b>4</b>	<b>,</b>	REDROOT PIGWEED	6	• • • • • • • • • • • • • • • • • • • •
UAN	2550%vv	SMOOTH PIGWEED	6	•
or	C).	COMMON RAGWEED	4****	
10 34 0	1.0 quart/A	GIANT RAGWEED	4	••••
	·	VENICE MALLOW	4	•••••

TACKLE	1 5-		
	2.0 Pints A	Controls all weeds listed on	
+	<b>+</b>	the TACKLE ALONE APPLICATION	1
BASAGRAN	1.0 pint/A	RATE TABLE AT 1.5-2.0 pints/A	
+	+	PLUS	
UAN	2 5 5 0% v v		
Of	Of	VEL VETLEAF	4
10 34 0	1.0 quart.A	COCKLEBUR	6
		LAMBSQUARTERS	6
		VENICE MALLOW	4

#### **USE RESTRICTIONS**

Do not apply during periods of dry weather when crops and weeds are under drought stress, as weed control may be decreased.

### TACKLE + SCEPTER TANK MIXTURE

FOR USE ONLY IN THE STATES OF:
ARKANSAS, TENNESSEE, KENTUCKY, MISSISSIPPI, LOUISIANA ALABAMA, GEORGIA, SOUTH
CAROLINA, NORTH CAROLINA, VIRGINIA, FLORIDA

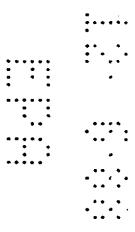
#### GENERAL INFORMATION

TACKLE is recommended as a postemergence tank-mix application, with SCEPTER for improved postemergence control of several troublesome broadleaf weeds in soybeans, such as common cocklebur, smooth and redroet pigwied, and certain morningglory species. For effective control, it is important to read and follow all directions before using this tank mixture.

## 1

#### MIXING AND APPLICATION INSTRUCTIONS

Fill the spray tank 1/2 - 3/4 full with clean water. Begin agitation and add the recommended amount of SCEPTER herbicide. After 5 minutes add the recommended amount of TACKLE. The addition of an approved adjuvant is required for optimism weed control with this tank mixture. Apply by ground driven or aerial equipment to soybeans with at least one fully expanded trifoliate leaf.



#### **USE RECOMMENDATIONS**

PRODUCT	RATES	WEEDS CONTROLLED/COMMENTS	
TACKLE	1 0.	Controls all weeds listed on the	
	1.5 Pints/A	TACKLE ALONE APPLICATION PATE	
+	+	TABLE at 1.0 - 1.5 pints/Acre	
SCEPTER	0 25 0 33	plus	
	Pinte, 'A		
+	•		
Non ionic	0 25 % V V		MAXIMUM
Surfactant		WEED	LEAFSTAGE
Of	o:	COCKLEBUR	4-6 <sup>T</sup>
Стор он		SMOOTH PIGWEED	4
concentrate	0 25 0 83%	REDROOT PIGWEED	4
	V V	PITTED MORNINGGLORY	4
		PALMLE AF MORNINGGLORY	4
		ENTIRELEAF MORNINGGLORY <sup>2</sup>	4
		IVYLEAF MORNINGGLQRY <sup>2</sup>	4
		TALL MORNINGGLORY <sup>2</sup>	4

 $<sup>^{1}</sup>$  For control of n leaf cocklebur, the 0.33 pint/A rate of SCEPTER must be used in a tank mix with at least 1.0 pint A of TACKLE.

for control of these weeds, a tank mixture containing 1.5 pints of FACKLE, and 0.33 pints/A of SCEPTER in required.

TACKLE	1.5	Controls all weeds fisted on	
	2.0 pints/A	the TACKLE ALONE APPLICATION	
+	÷	RATE TABLE AT 1.5.2.0 pints/A	
SCEPTER	0.67 pints/A	plus all weeds listed on the	
•	•	SCEPTER label as controlled	
NON IONIC	0 25% V V	with postemergerice applications	
SURFACTANT		The state of the s	./
Ot	OB		ı
CROP OIL			
CONCENTRATE	0 25 0 83% V V		
USE RESTRICTIONS	6		<b>::</b> .
<ul> <li>Do not graze or feed.</li> </ul>	treated soybeans forage, "	res within 90 days of soybean harvest ••••• hay or straw to livestock o applying SCF PTER herbicide on the most re	retit
SCEPTER package to	abet	v opgrayory vozer it is notificited to the third in the	Cen
. ,		••	

\* TACKLE® Herbicide Pending Label EPA Submission Date: 12-5-88

## TACKLE + AMIBEN L OR AMIBEN DS TANK-MIXTURES

#### **GENERAL INFORMATION**

When applied to young, actively growing weeds, a tank mixture of TACKLE plus AMIBEN or AMIBEN DS will control all weeds listed on the TACKLE ALONE APPLICATION BATE. TABLE and will also provide preemergence control of grass and broadleaf weeds listed on the AMIBEN and the AMIBEN DS tabels that have not yet germinated at the time of treatment. In addition, the TACKLE plus AMIBEN. OR AMIBEN DS tank mixture will provide improved postemergence control of velvetleat, Pennsylvania smartweed and redroot pigweed which are approaching the maximum weed size listed on the TACK! F label

#### **USE RECOMMENDATIONS**

PRODUCT	RATES	WEEDS CONTROLLED/COMMENTS
TACKLE	1 5	Controls all weeds list∈d on the
	2.0 Pints/A	TACKLE ALONE APPLICATION RATE
+		TABLE at 1.5.2.0 Pints/A phis
AMIBEN	5.6 quarte A	control of velvetleaf up to the
Or	+	4-leat stage
AMIBEN DS	3036	,
+	pounds/A	
Non lonic		
Surfactant	0.25 °. V V	
or	Of	
Crop oil		
concentrate	0.25 × V.V	

#### **USE RESTRICTIONS**

Do not apply later than 33 days after planting soybeans Do not add UAN or 10/34/0 fertilizer solutions to this tank mixture

## TACKLE + CLASSIC TANK MIXTURE

FOR USE ONLY IN THE STATES OF:		
ARKANSAS, TENNESSEE, KENTUCKY, MISSISSIPPI, LOUISIANA, ALABA CAROLINA, NORTH CAROLINA, VIRGINIA, FLORIDA	MA, <u>GEORGI</u>	A SOUTH
GENERAL INFORMATION	•••••	•••••
A tank mixture of TACKLE and CLASSIC is recommended for posternergence where pitted and ivyleaf morningglories, redu-of and smooth pigweed, commor lambsquarter are also present. Always add a non-ionic surfactant approved for unborners and the first section.	i cod <mark>idebut</mark> ar	nd commor
when applying this tank mixture	•••••	••••
		• • •

#### **USE RECOMMENDATIONS**

#### WEEDS CONTROLLED/COMMENTS

PRODUCT	RATE	WEED	MAX,LEAF,STAGE
TACKLE	2.0 Pints/A	SICKLEPOD	3
•	+	PITTED MORNINGGLORY	4
CLASSIC	0.5-	IVYLEAF MORNINGGLORY	4
•	0.75 Ounces/A	COMMON COCKLEBUR	4
	+	REDROOT PIGWEED	4
NON IONIC	0 25% V V	SMOOTH PIGWEED	4
SURFACTANT		COMMON LAMBSQUARTERS	3 4

#### **USE RESTRICTIONS**

Do not apply this tank mixture within 60 days of soybean harvest. Do not apply this tank mixture to soil with a pH greater than 6.8. Read and follow all rotational use restrictions on the most recent Ct ASSIC herbicide specimen label.

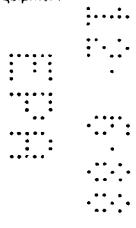
## **TACKLE + RESCUE TANK-MIXTURE**

#### GENERAL INFORMATION

TACKLE may be applied to soybeans as a mid-to late ceason postemergence tank-mixture with RESCUE herbicide for controlling common cocklebur and giant ragweed that exceed the growth stages normally recommended for control with TACKLE alone or with other TACKLE tank-mixtures. Actual weed size and density of the soybean canopy will determine the effectiveness of this tank mixture. Read and follow all directions and use restrictions on this label and on the RESCUE package label before applying. Thorough coverage of the target weeds is critical for maximum effectiveness.

## **APPLICATION PROCEDURES**

TACKLE + RESCUE tank mixtures may be applied to determinate or indeterminate soybeans which are at least 14 inches tall or if bleoming has begun. Apply rates as directed below in 10.25 gallons of water per acre when using ground driven sprayers, and a minimum of 5 gallons per acre when using aerial equipment. The addition of either an approved adjuvant or UAN fertilizer to the spray tank is recommended for best results with this tank mix when applied by ground or aerial equipment.



#### **USE RECOMMENDATIONS**

#### WEEDS CONTROLLED/COMMENTS

PRODUCT	RATES	WEED	MAXIMUM WEED HEIGHT (IN)
TACKLE	1.0 pint:A	COMMON COCKLEBUR	12
*	+	GIANT RAGWEED	18
RESCUE	2 quarts A		
+	+	Apply this tank-mixture before	
Non-ionic	0 25% V V	canopy closure of soybeans to	
Surfactant		facilitate good coverage	
or	or	•	
Crop oil			
u. ricentrate	0 25-0 83% V V		
or	or		
U'AN	2 5-5 0% v v		
TACKLE	1.0 pint/A	COMMON COCKLEBUR	24
•	• •	GIANT RAGWEED	36
RESCUE	2.3 quarts A		
+	+	Use the 3.0 quart RESCUE rate	e
Non ionic	0 25 % V V	where heavy weed infestations	
S irfactant		occur and when taller weeds ar	
cr	Or	prevalent	
Crop oil	0 25 0 83 % V V	·	
concentrate			
Ci.	or		
UAN	2 5-5 0% v v		

#### **USE RESTRICTIONS**

Do not apply this tank-mixture within 60 days of soybean harvest

Do not apply this tank-mixture by air within 500 feet of cotton, tomatoes, sunflower, or tobacco plants, as severe injury to these crops may result

Do not apply to soybeans under stress due to drought, heat, or diseases

Do not graze or feed forage from soybeans treated with this tank mixture to livestock

## COMMAND 45C HERBICIDE/TACKLE SEQUENTIAL PROGRAM

#### **GENERAL INFORMATION**

COMMAND 4E C is a soil applied herbicide that provides effective control of velvetlear, lariflosquarters, prickly sida, and other weeds in soybeans, when applied as recommended. In soybean fields where, morningglories, black nightshade, pigweeds, or common cocklebur and other weeds controlled by TACKLE are present, postemergence sequential applications of TACKLE at rates specified below, following COMMAND are recommended for broad spectrum weed control. Read and follow all use directions and restrictions regarding the proper application of COMMAND on the COMMAND specified.

## \* TACKLE% Herbicide Pending Label EPA Submission Date: 12-5-88

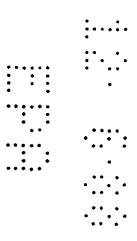
#### **USE RECOMMENDATIONS**

		WEEDS CONTROLLED/COMMENTS		
PRODUCT	RATES	WEED	MAX. LEAF STAGE	
TACKLE	1.0 pint/A*	COMMON COCKLEBUR	2 4	
(FOLLOWING		REDROOT PIGWEED	2.4	
COMMAND,		SMOOTH PIGWEED	2-4	
		PITTED MORNINGGLORY	2 4	
		EASTERN BLACK NIGHTSHADE	2-4	
		HEMP SESBANIA	4-6	
TACKLE	1 5-			
(FOLLOWING	3.0 pints A	Controls all weeds listed		
COMMAND)		on the TACKLE ALONE APPLICATION	ON	
		RATE TAB. F at 1.5.3.0 pints/A		
		as previously directed		

<sup>\*</sup> The use of UAN at a rate of 2.5-5.0% V V is required for cocklebur control with the 1.0 pint rate of TACKLE following COMMAND. Other approved spray adjuvants will not result in satisfactory control of cocklebur with TACKLE at the 1.0 pint/A rate.

#### **USE RESTRICTIONS**

Read and follow all application directions and use restrictions to using COMMAND herbicide before applying



## <u>APPENDIX</u>

#### LIST OF COMMON AND BOTANICAL NAMES OF WEEDS MENTIONED IN THIS LABELING

#### COMMON NAME

Buckwheat, Wild Carpetweed

Cocklebur, Common. Copperleaf, Hophornbeam

Croton, Tropic Croton, Woolly Jimsonweed

Ladysthumb

Lambsquarters, Common Morningglory, Cypressvine Morningglory, Entireleaf

Morningglory, Ivyleaf Morningglory, Japanese

Morningglory, Palmleaf Morningglory, Pitted Morningglory, Scarlet

Morningglory, Smallflower Morningglory, Tall

Mustard, Wild.

Nightshade, Eastern Black

Pigweed, Redroot Pigweed, Smooth Poinsettia, Wild Pusley, Florida, Ragweed, Common. Ragweed, Giant Sesbania, Hemp

Sicklepod. Sida, Prickly

Smartweed, Pennsylvania

Smartweed, Prickly Starbur, Bristly Sunflower, Wild Thistle, Canada Waterhemp, Tall Velvetleaf

Venice mallow

SCIENTIFIC NAME

(Polygonum convolvulus)

(Mollugo verticillata)

(Xanthium strumarium) (Acalypha ostryifolia)

(Croton glandulosus)

(Croton capitatus)

(Datura stramonium)

(Polygonum persicaria)

(Chenopodium album) (Ipomoea quamoclit)

(Ipomoea hederacea v.integriuscula)

(Ipomoea hederacea v.hederacea)

(Ipomoea nil)

(Ipomoea wrightii) (Ipomoea lacunosa).

(Ipomoea coccinea)

(Jacquemontia tamnifolia)

(Ipomoea purpurea)

(Brassica kaber)

(Solanum ptycanthum)

(Amaranthus retroflexus) (Amaranthus hybridus)

(Euphorbia heterophylla) (Richardia scabra)

(Ambrosia artemisiifolia)

(Ambrosia Infida) (Sesbania exaltata)

(Cassia obtusitolia)

(Sida spinosa)

(Polygonum pennsylvanicum)

(Polygonum bungeanum)

(Acanthospermum hispidum)

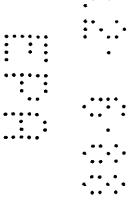
(Helianthus annuus)

(Cirsium arvense)

(Amaranthus tuberculatos)

(Abutilon theophrasti)

(Hibuscus trionum)



## LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label, (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions, and (c) that the directions, warnings and other statements on this label are based upon responsible expert's evaluation of reasonable tests of effectiveness, of toxicity to laboratory unionals, and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER METHER MAKES NOR INTENDS NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE. ANY OTHER WARRANTIES, EXPRESS OR IMPLIED AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTARILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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Purchase of the material descript confer any rights under patents governing this product or the use thereof in countries outside of the United States.

This product is covered by one or more of the following U.S. patents 3,979,437, RE 32215, RE 32216 and 4,681,622

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