59639-82

1/28/98

JAN 28 1998

Elizabeth J. Weibert Valent U.S.A. Corporation 1333 N. California Blvd., Ste. 600 Walnut Creek, CA 94596

Dear Ms. Weibert:

Subject: Revised Labeling - Additional Tank Mixes;

Revised Mixing Order Instructions;

Revised Ground Application Instructions

Resource Herbicide

EPA Registration No. 59639-82

Your Submission Dated October 31, 1997

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

- 1) Add the general restriction "Do not apply by air."
- 2) In order to be consistent with the Liberty Herbicide label for use on field corn, make the following revisions in the restrictions for the recommended tank mix with Liberty (Table C2):
 - a) Add a statement to restrict harvest of corn forage for at least 60 days after application.
 - b) Add a statement to restrict harvest of corn grain or fodder for at least 70 days after application.
 - c) Revise the grazing restriction to at least 70 days after application.

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- 3) In order to be consistent with the Roundup Ultra Herbicide label for use on Roundup Ready field corn, make the following revisions in the restrictions for the recommended tank mix with Roundup Ultra (Table C3):
 - a) Revise the recommended application rate for Roundup Ultra to no more than 2 pints per acre.
 - b) Add a statement to restrict harvest of corn forage for at least 50 days after application.
 - c) Add a statement to restrict harvest of corn grain for at least 7 days after application.
 - d) Revise the grazing restriction to at least 50 days after application.
- 4) There is missing text in the directions for the recommended tank mix with atrazine for field corn (Table C6). To correct this error, revise the second sentence in the section for Recommended Mixing Order to read "If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank after the atrazine."
- 5) Revise the unit of measure for the application rate in the rate charts for the tank mix partners Banvel Herbicide (Table C7) and Clarity Herbicide (Table C10) to fluid ounces per acre.
- 6) In order to be consistent with the Buctril Herbicide label for use on field corn, revise the grazing restriction in the restrictions for the recommended tank mix with Buctril (Table C9) to no less than 45 days.
- 7) In order to be consistent with the Permit Herbicide label for use on field corn, add a statement in the restrictions for the recommended tank mix with Permit (Table C14) to read "Do not harvest corn forage or silage less than 30 days after application."
- 8) In order to be consistent with the Exceed Herbicide label for use on field corn, make the following revisions in the restrictions for the recommended tank mix with Exceed (Table C17):
 - a) Add a statement to restrict harvest of corn silage for at least 40 days after application.
 - b) Add a pre-harvest interval of at least 60 days.
- 9) In order to be consistent with the Roundup Ultra Herbicide label for use on Roundup Ready soybeans, add a pre-harvest interval of at least 14 days to the restrictions for the recommended tank mix with Roundup Ultra (Table S2).

- 10) In order to be consistent with the Firstrate Herbicide label for use on soybeans, revise the pre-harvest interval in the restrictions for the recommended tank mix with Firstrate (Table S7) to no less than 65 days.
- 11) In order to be consistent with the Pursuit Herbicide label for use on soybeans, make the following revisions in the restrictions for the recommended tank mix with Cobra plus Pursuit (Table S15):
 - a) Insert a decimal point into the recommended application rate for Pursuit (70 DG) in the upper portion of the rate chart so that it reads "1.44 oz./A".
 - b) Add a statement to the restrictions to this tank mix to read "This tank mix is restricted to areas in which Pursuit is labeled."
 - c) Revise the restriction currently reading "Do not apply after podset" to read "Application should be made before soybean bloom."

A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the referenced label, incorporating the above changes, before releasing the product for shipment.

Sincerely yours,

Joanne I. Miller Product Manager (23) Herbicide Branch Registration Division (7505C)

Enclosure



ACCEPTED
with COMMENTS
In EPA Letter Dated

JAN 28 1998

Under the Federal Insecticide, Fundicide, and Redencicide Act as amended, for the pesticide registered under EPA Reg. No. 57639-82

RESOURCE® HERBICIDE

ACTIVA INGRAGIENI	By Wt.
Flumiclorac pentyl ester (pentyl [2-chloro-4-fluoro-5-(1,3,4,5,6,7-hexahydro-1, 3-dioxo-2H-isoindol-2-yl)phenoxy]acetate) Inert Ingredients* * Contains aromatic petroleum distillates. Contains 0.86 pounds flumiclorac pentyl ester per gallon.	10.1% 89.9%
* U.S. Patent No. 4,770,695	

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, please find someone to explain it to you in detail.)

NET CONTENTS 1 GALLON

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Causes skin irritation. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing.

STATEMENT OF PRACTICAL TREATMENT:

If in eyes:

Flush with plenty of water. Get medical attention.

If on skin:

Wash with plenty of soap and water. Get medical attention.

If swallowed:

Drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, large quantities of water. Avoid alcohol. Call a Physician or Poison Control Center immediately. If medical advice cannot be obtained, take person and product container to the nearest emergency treatment facility. Gastric lavage is indicated if material was taken internally. DO NOT INDUCE VOMITING. Vomiting may induce aspiration pneumonia.

If inhaled: Remove person from exposure area.

Note to Physicians: Probable mucosal damage may contraindicate the use of gastric lavage. May pose an aspiration pneumonia hazard. Emergency Information - call 1-800-892-0099.

Personal Protective Equipment (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: coveralls worn over short-sleeved shirt and short pants, chemical-resistant gloves such as barrier laminate or viton \geq 14 mils, chemical resistant footwear plus socks, and protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to shrimp. Keep out of lakes, ponds or streams. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

Do not apply during wind speeds of greater than 10 miles per hour or during inversions. Local regulations permitting, an inversion can be identified by discharging a column of smoke. During an inversion, the column of smoke will rise and then abruptly level off. Sometimes during an inversion, the smoke can be seen to drop below the height at which the leveling off occurred. In the absence of an inversion the smoke will continue to rise and disperse into the atmosphere.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment and restrictedentry interval. For any requirements specific to your State, consult the agency in your State responsible for pesticide regulation.

Do not enter or allow workers entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls worn over short-sleeved shirts and short-pants, chemical-resistant gloves such as barrier laminate or viton ≥ 14 mils, chemical-resistant footwear plus socks, and protective eyewear.

DISCLAIMER, CONDITIONS OF SALE, LIMITED WARRANTY AND LIMITATION OF LIABILITY

IMPORTANT: Read the entire Label including this Disclaimer, Limited Warranty and Limitation of Liability before using this product. If the terms are not acceptable, return the unopened product within 15 days of purchase.

RISKS OF USING THIS PRODUCT

this impossible to eliminate all risks associated with the use of this product. Such risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, moisture conditions, irrigation are considered to the materials. practices, presence of other materials, cultural practices or the manner of use or application, all of which are factors beyond the control of Valent. All such risks shall be assumed by the Buyer.

Valent shall not be responsible for losses or damages resulting from use of this product in any manner not set forth on the label. User assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or

approved on the label. LIMITED WARRANTY

Valent warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product described above.

DISCLAIMER OF ALL OTHER WARRANTIES
VALENT MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER
EXPRESS OR IMPLIED WARRANTY. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY

In no event shall Valent or Seller be liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THIS PRODUCT.

NO AMENDMENTS

Valent and Seller offer this product, and Buyer and User accept it, subject to the foregoing Disclaimer, Conditions of Sale, Limited Warranty and Limitation of Liability, which may not be modified by any oral or written agreement.

PROMPT NOTICE OF CLAIM

Valent must have prompt notice as soon as Buyer or User has reason to believe they may have a claim (not to exceed twenty-one days from date of application) so that an immediate inspection of the affected property and growing arous can be made. Unless Buyer and Users shall promptly notify Valent of any claims, they shall be barred from obtaining any (emedy)

TANK MIXES

NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor.

Read and follow the entire label of each product to be used in the tank mix with this product.

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GENERAL INFORMATION

Do not apply this product through any type of irrigation system.

RESOURCE Herbicide is a selective herbicide for postemergence control of susceptible broadleaf weeds in soybeans and field corn. RESOURCE can be used on field corn grown for commercial seed production. However, do not apply RESOURCE to seed corn without first verifying with your seed corn supplier the RESOURCE selectivity on your inbred line. This precaution will help avoid potential injury on sensitive varieties. Use on inbred lines or other genetic material used in a breeding program is done at the sole risk of the user. Do not use on popcorn or sweet corn. RESOURCE is formulated as an emulsifiable concentrate containing 0.86 lb. of active ingredient per gallon. Good coverage of actively growing weeds is essential for maximum weed control. Addition of an EPA approved spray adjuvant is required when RESOURCE Herbicide is applied as a stand-alone treatment and for most recommended tank mixes; see Tables S1 through S 15 and Tables C1 through C 19 for specific adjuvant recommendations.

For best results, RESOURCE should be applied to actively growing weeds within the growth stages indicated in this label. Applying RESOURCE under conditions that do not promote active weed growth will reduce herbicide effectiveness. Do not apply RESOURCE when the crop or weeds are under stress due to drought, excessive water, extremes in temperature, or low humidity. Weeds under stress tend to become less susceptible to herbicidal action.

Under conditions of normal weed growth, RESOURCE is rainfast 1 hour after application.

BROADCAST APPLICATION

Apply RESOURCE Herbicide and RESOURCE tank mixes with ground equipment using standard commercial sprayers equipped with flat fan (including split-nozzle systems which spray in opposite directions) or hollow cone nozzles designed to deliver the desired spray pressure and spray volume. DO NOT USE flood nozzles. Thorough weed coverage is required for optimum control. Special attention should be given to preparing and operating the spray equipment to assure proper coverage of weed leaf surfaces.

Use RESOURCE on a broadcast basis in a minimum of 15 gals, of water per acre and a spray pressure of 40 to 60 PSI measured at the spray nozzle, unless otherwise specified. For best results, use a minimum of 15 to 20 GPA of water and a spray pressure of 50 PSI, measured at the nozzle if weed populations are moderate to heavy and/or weeds are approaching maximum controllable size and/or crop canopy is dense, unless otherwise specified in the use directions for specific tank mixes.

BAND APPLICATION

When banding, use proportionately less water and RESOURCE Herbicide per acre. Banding equipment should be adjusted to provide maximum coverage of weeds in the row. A minimum of two nozzles per row is required to provide optimum coverage of weed foliage.

MIXING INSTRUCTIONS

- 1. Fill spray tank with water 1/2 to 1/2 of desired level.
- While agitating, add the required amount of RESOURCE Herbicide. If tank mixing RESOURCE Herbicide
 with other labeled herbicides, add dry formulations first, followed by flowables, emulsifiable
 concentrates, and then solutions.
- 3. Add any required adjuvants.
- 4. Add any required nitrogen source, unless ammonium sulfate (AMS) is being used. If AMS is being used as the nitrogen source, it should be added after water soluble bags and before dry herbicides.
- 5. Fill spray tank to desired level with water. Agitation should continue until spray solution has been applied.

DIRECTIONS FOR USE IN FIELD CORN

Do not use RESOURCE Herbicide on popcorn or sweet corn.

Identify your weed species as early as possible and determine the stage of growth by counting the true leaves. Ignore the cotyledon (seed leaves) when you count. Use Tables C1 through C 19 to determine rate(s), species and the maximum weed leaf stage at which you may apply RESOURCE alone, or in tank mixes.

A temporary crop response may be observed following a postemergence broadcast application of RESOURCE. Corn leaves which are open at the time of application may show some burn or spotting. Corn quickly outgrows all initial herbicide effects. When RESOURCE is used as directed, corn yields will not be adversely affected.

ADDITIVES:

Control of weeds by RESOURCE is enhanced by the addition of an adjuvant to the spray mixture. Adjuvants are specified in Table C1 (for RESOURCE alone) or in Tables C2 through C 19 (for RESOURCE in tank mixes). If a crop oil concentrate or methylated seed oil is the specified adjuvant, use one that contains at least 15% emulsifier. If a non-ionic surfactant is specified, use one that contains at least 90% active surfactant ingredient. Mixing and compatibility qualities should be verified by a jar test.

A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lbs./A or 28-32% nitrogen solution at 1 to 2 qts./A) may be added to the spray mixture along with either crop oil concentrate, methylated seed oil or surfactant to enhance weed control.

RESOURCE HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

APPLICATION INFORMATION

For best results, RESOURCE should be applied to actively growing weeds. Do not apply RESOURCE during periods when corn and weeds are under stress. For maximum control, weeds must be actively growing and receive thorough spray coverage.

RESOURCE may be applied to field corn from the 2-leaf through the 10-leaf stage. Determine the leaf stage of corn by counting only those leaves with leaf collars visible.

Recommended rates, weed species and maximum weed leaf stages for effective control with RESOURCE as a stand-alone treatment applied either as a broadcast or as a drop-nozzle application are indicated in Table C1. Drop-nozzle application should be made after corn has reached a sufficient height for the spray to be directed beneath the corn leaves or when corn leaves prevent proper spray coverage of weeds. When making a drop-nozzle application, the rate of crop oil concentrate should be 1 qt./A. Since the activity of RESOURCE is enhanced when the 1 qt./A rate of crop oil concentrate is used, care must be taken to minimize exposure of corn leaves to the spray.

Table C1.

RESOURCE Herbicide - Field Corn - Rates and Time of Application

В	ROADCAST APPLICATION	RATES AND TIMING	
Weeds Controlled	Crop Oil Concentrate Rate	Applicati 4 fl. oz./A	ion Rates: 6 fl. oz./A
	1 pt./A	Leaf Stage	Leaf Stage
Common Ragweed Smooth Pigweed Velvetleaf		- - up to 5	up to 3 up to 3 up to 6
Weeds Suppressed Common Lambsquarters Common Ragweed Palmer Amaranth Smooth Picweed		up to 2 up to 3	2 to 3 up to 2 up to 4 up to 3

Adjuvant: RESOURCE must be applied with 1 pt./A of crop oil concentrate or methylated seed cit. A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lbs./A or 28-32% hitrogen solution at 1 to 2 gts.(A) may be added to enhance weed control.

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DROP-NOZZLE APPLICATION RATES AND TIMING							
Weeds Controlled	Crop Oil Concentrate Rate	4 fl. oz./A	Application Rate 6 fl. oz./A	s: 8 fl. oz./A			
	1 qt./A	Leaf Stage	Leaf Stage	Leaf Stage			
Common Ragweed Jimsonweed Pigweeds	,	•	up to 4	up to 6 3 to 4			
Prostrate Smooth		2	up to 3 up to 3	up to 6 up to 4			
Prickly Sida Velvetleaf		up to 6	up to 3 up to 8	up to 4 up to 10			
Weeds Suppressed Common Cocklebur Common Lambsquarters		-	- 2 to 3	1 to 3 2 to 3			
Common Ragweed Pigweeds Redroot		up to 2	up to 2	up to 2			
Smooth Prickly Sida		up to 3 up to 2	up to 3 up to 2	up to 3 up to 2			
Spotted Spurge			<u>-</u> -	up to 2			

Adjuvant: RESOURCE must be applied with 1 qt./A of crop oil concentrate or methylated seed oil. A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lbs./A or 28-32% nitrogen solution at 1 to 2 qts./A) may be added to enhance weed control.

Use Restrictions for RESOURCE Herbicide Applied to Field Corn:

- 1. Do not apply RESOURCE to field corn before the 2-leaf or after the 10-leaf stage.
- 2. As a broadcast treatment, do not apply more than 6 fl. oz./A of RESOURCE in a single application or more than a total of 8 fl. oz./A to field corn during a single growing season.
- 3. As a directed spray using drop nozzles, do not apply more than a total of 8 fl. oz./A of RESOURCE to field corn in a single application or during a single growing season.
- 4. Do not apply RESOURCE if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result.
- 5. Do not graze animals on green forage or use as feed less than 28 days after RESOURCE application.

RESOURCE HERBICIDE TANK MIX COMBINATIONS IN FIELD CORN

APPLICATION INFORMATION

For best results, RESOURCE tank mix applications should be made to actively growing weeds. Do not apply RESOURCE tank mixes during periods when corn and weeds are under stress or when conditions do not favor active weed growth. For maximum control weeds must receive thorough spray coverage.

Recommended herbicides, rates, weed species and maximum weed leaf stage for effective control with RESOURCE in tank mix combinations applied either as a broadcast or as a drop-nozzle application are indicated in Tables C2 through C 19. Drop-nozzle application should be made after corn has reached a sufficient height for the spray to be directed beneath the corn leaves or when corn leaves prevent proper spray coverage of weeds. When making a drop-nozzle application of RESOURCE in a tank mix combination which specifies a crop oil concentrate or methylated seed oil as the adjuvant, the rate of crop oil concentrate or methylated seed oil should be 1 qt./A. Since the activity of RESOURCE applied in a tank mix combination is enhanced when the 1 qt./A rate of crop oil concentrate is used, care must be taken to minimize exposure of corn leaves to the spray.

Crop response from RESOURCE Tank Mixes may be greater than that which occurs from RESOURCE applied alone. Crop response from RESOURCE is temporary and does not adversely affect crop yield when applied according to the label use directions.

RESOURCE Herbicide should not be tank mixed with TOUGH' Herbicide due to severe antagonism.

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TANK MIX WITH LIBERTY ® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN LIBERTY LINK FIELD CORN ***FOR USE ON LIBERTY LINK® FIELD CORN ONLY***

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 35 to 40 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and pressure of 40 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly disperse ammonium sulfate in water, add RESOURCE, add LIBERTY, and then ADJUVANT, if required.

Table C2.

RESOURCE Herbicide plus LIBERTY Herbicide Tank Mix - Field Corn - Rates and Time of Application

Product	Product Rates	Weeds Controlled*	Leaf Stage	Adjuvant
RESOURCE (.86 EC)	3 fl. oz./A	Velvetleaf	up to 4	None
plus	plus	Velvetleaf	up to 5	,25% NIS
LIBERTY (1.75L)	1 to 1.75 pt./A	Velvetleaf	up to 6	1 pt./A COC or MSO
RESOURCE (.86 EC)	4 fl. oz./A	4 fl. oz./A plus Velvetleaf Velvetleaf Velvetleaf		None
plus	plus			.25% NIS
LIBERTY (1.75L)	1 to 1.75 pt./A			1 pt./A COC or MSO

Adjuvant: RESOURCE plus LIBERTY tank mixes must be applied with the adjuvant specified in table C2 plus a spray grade ammonium sulfate at 2.5 lbs./A.

Use Restrictions for RESOURCE Herbicide plus LIBERTY Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- Read and observe all precautions, restrictions and conditions on the LIBERTY label.
- Do not apply the RESOURCE plus LIBERTY tank mix to LIBERTY LINK corn before the 2-leaf stage. Do
 not apply the RESOURCE plus LIBERTY tank mix past the 7-leaf corn stage or to corn taller than 24
 inches.
- 4. Do not apply more than a total of 8 fl. oz./A of RESOURCE to LIBERTY LINK field corn during a single growing season.
- 5. Do not apply the RESOURCE plus LIBERTY tank mix if rain is expected within 4 hour of application; otherwise unsatisfactory weed control may result.
- 6. Do not graze animals on green forage or use as feed less than 28 days after RESOURCE plus LIBERTY application.



TANK MIX WITH ROUNDUP® ULTRA HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN ROUNDUP READY FIELD CORN ***FOR USE ON ROUNDUP READY® FIELD CORN ONLY***

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 35 to 40 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and pressure of 40 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly disperse ammonium sulfate in water, add RESOURCE, add ROUNDUP ULTRA, and if required, add ADJUVANT.

Table C3.

RESOURCE Herbicide plus ROUNDUP ULTRA Herbicide Tank Mix - Field Corn - Rates and Time of Application

Product	Product Rates	Weeds Controlled	Leaf Stage	Adjuvant(see ammonium sulfate statement in adjuvant section below.)		
RESOURCE (.86 EC) plus ROUNDUP ULTRA	2 fl. oz./A plus 2 1.5 to 3 pt./A	Velvetleaf Velvetleaf Velvetleaf	up to 4 up to 5 up to 6	None .25% NIS 1 pt./A COC or MSO		
RESOURCE (.86 EC) plus ROUNDUP ULTRA	3 fl. oz./A plus 2 1 to 3 pt./A	Velvetleaf Velvetleaf Velvetleaf	up to 5 up to 6 up to 7	None .25% NIS 1 pt./A COC or MSO		
RESOURCE (.86 EC) plus ROUNDUP ULTRA	4 fl. oz./A* plus 2 1 to 3 pt./A	Velvetleaf Velvetleaf Velvetleaf	up to 6 up to 7 up to 8	None .25% NIS 1 pt./A COC or MSO		
		* Tall, ivy, and entireleaf morningglory control is enhanced by the addition of RESOURCE to ROUNDUP ULTRA. Refer to ROUNDUP ULTRA label for additional weeds claimed.				

Adjuvant: RESOURCE plus ROUNDUP ULTRA tank mixes must be applied with the adjuvant specified in table C3 plus a spray grade ammonium sulfate at 2.5 lbs./A.

Use Restrictions for RESOURCE Herbicide plus ROUNDUP ULTRA Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations.
- 2. Read and observe all precautions, restrictions and conditions on the ROUNDUP ULTRA label.
- Do not apply the RESOURCE plus ROUNDUP ULTRA tank mix to Roundup Ready corn before the 2-leaf stage or after the 10-leaf stage.
- Do not apply more than a total of 8 fl. oz./A of RESOURCE to Roundup Ready field corn during a single growing season.
- 5. Do not apply the RESOURCE plus ROUNDUP ULTRA tank mix if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result.
- 6. Do not apply during low level inversions conditions, when winds are gusty, or any other condition which favors drift. Drift to sensitive vegetation may cause serious injury appropriate buffer zones must be maintained.
- 7. Carefully select proper nozzle and spray pressure to avoid spraying a fine mist, twinjet nozzles are NOT recommended.
- 8. Applications made when the crop or weeds are under stress from moisture, cold, heat, high humidity, disease, insects, or prior herbicide applications may result in excessive crop response and/or reduced weed control.
- 9. A sequential application of the RESOURCE plus ROUNDUP ULTRA tank mix may be required when additional weed flushes germinate after the initial RESOURCE plus ROUNDUP ULTRA application.
- 10. 'Do not graze animals on green forage or use as feed less than 28 days after RESOURCE plus ROUNDUP ULTRA application.

TANK MIX WITH 2,4-D HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

Ground Application: Apply on a broadcast basis in a minimum of 20 gals, water per acre and a spray pressure of 20 PSI measured at the nozzle.

Recommended Mixing Order: Thoroughly mix RESOURCE in water, add 2,4-D, and then add non-ionic surfactant (Non-ionic surfactant should be added only if an amine formulation of 2,4-D is used).

Table C4.

RESOURCE Herbicide plus 2,4-D Herbicide Tank Mix - Field Com - Rates and Time of Application

Product	Product Rates	Weeds Controlled	Leaf Stage
RESOURCE (.86 EC) plus 2,4-D (L V Ester) or (Amine)	4 fl. oz./A plus 0.25 lb. ai/A or 0.25 to 0.5 lb. ai/A	Common Ragweed Smooth Pigweed Velvetleaf Refer to 2,4-D labels for a RESOURCE may enhance under some conditions.	

Adjuvant: RESOURCE plus 2,4-D L V Ester tank mix must be applied without the addition of an adjuvant. RESOURCE plus 2,4-D Amine tank mix must be applied with 0.25% v/v (1 qt. per 100 gals.) non-ionic surfactant.

Use Restrictions for RESOURCE Herbicide plus 2,4-D Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Read and observe all precautions, restrictions and conditions on the 2,4-D label.
- '3. Do not apply the RESOURCE plus 2,4-D tank mix to corn before the 2-leaf stage or after the 10-leaf stage. Broadcast application should be made from 2 leaf to 8" corn. The RESOURCE plus 2,4-D tank mix should be applied using drop-nozzles after the corn is greater than 8 inches tall up until the 10 leaf stage of development. Refer to the 2,4-D label for specific instructions.
- 4. Do not apply more than a total of 8 fl. oz./A of RESOURCE to field corn during a single growing season.
- 5. Do not apply the RESOURCE plus 2,4-D tank mix if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result.
- 6. Do not graze animals on green forage or use as feed less than 28 days after RESOURCE plus 2,4-D application.
- 7. Delay cultivation for 8 to 10 days after application to prevent stalk breakage due to temporary brittleness caused by 2,4-D.



TANK MIX WITH ACCENT® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

Ground Application: Apply on a broadcast basis in 15 to 20 gals. water per acre and at a spray pressure of 35 to 40 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and pressure of 40 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly disperse ACCENT in water, add RESOURCE, add crop oil concentrate or methylated seed oil, and then add nitrogen source (if required). If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank before the ACCENT.

Table C5.
RESOURCE Herbicide plus ACCENT Herbicide Tank Mix - Field Corn - Rates and Time of Application

Product	Product Rates	Weeds Controlled	Leaf Stage
RESOURCE (.86 EC)	4 fl. oz./A	Burcucumber	up to 2
plus	plus	Jimsonweed	up to 2
AČCENT	2/3 to 1 oz./A	Morningglory	•
(75 WD)		Ivyleaf	up to 2
		Pitted	up to 2
	1	Tall	up to 2
		Pigweeds	
		Redroot	up to 3
		Smooth	up to 3
		Velvetleaf	up to 5
		Refer to ACCENT label for ac	dditional weeds claimed.
		RESOURCE may enhance the under some conditions.	e activity of ACCENT

Adjuvant: Broadcast application: RESOURCE plus ACCENT tank mix must be applied with 1 to 2 pt./A crop oil concentrate or methylated seed oil. Drop-nozzle application: RESOURCE plus ACCENT tank mix should be applied with 1 qt./A crop oil concentrate or methylated seed oil. A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lbs./A or 28-32% nitrogen solution at 1 to 2 qts./A) may be added to enhance weed control.

Use Restrictions for RESOURCE Herbicide plus ACCENT Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Read and observe all precautions, restrictions and conditions on the ACCENT label.
- 3. Do not apply the RESOURCE plus ACCENT tank mix to corn before the 2-leaf stage or after the corn is taller than 24 inches.
- 4. Do not apply more than a total of 8 fl. oz./A of RESOURCE to field corn during a single growing season.
- Do not apply the RESOURCE plus ACCENT tank mix if rain is expected within 4 hours of application; otherwise unsatisfactory weed control may result.
- 6. Do not graze animals on green forage or use as feed less than 30 days after RESOURCE plus ACCENT application.



TANK MIX WITH ATRAZINE FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 35 to 40 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and pressure of 40 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly disperse the atrazine in water, add RESOURCE, add crop oil concentrate or methylated seed oil and then add nitrogen source (if required). If ammonium sulfate is used as

Table C6.

RESOURCE Herbicide plus Atrazine Tank Mix - Field Corn - Rates and Time of Application

Product	Product Rates	Weeds Controlled	Leaf Stage
RESOURCE (.86 EC)	4 to 6 fl. oz./A	Burcucumber	2 to 4 runners (up to 10" runners)
Atrazine	pius	Common Ragweed	up to 2
(90 DF)	0.6 to 1.2 lbs./A	Smooth Pigweed	up to 3
or	or	Velvetleaf	up to 6
(80 WP)	0.7 to 1.4 lbs./A	Refer to atrazine labels for	additional weeds claimed.
or	or	note: to differ to to to to	daditional woods oldimod.
(4 L)	16 to 32 fl. oz./A	RESOURCE may enhance t	be estivity of etrazine
or	or	under some conditions.	the activity of atrazine
(5 L)	13 to 26 fl. oz./A	under some conditions.	

Adjuvant: Broadcast application: RESOURCE plus atrazine tank mix must be applied with 1 to 2 pt./A crop oil concentrate or methylated seed oil. Drop-nozzle application: RESOURCE plus Atrazine tank mix should be applied with 1 qt./A crop oil concentrate or methylated seed oil. A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lbs./A or 28-32% nitrogen solution at 1 to 2 qts./A) may be added to enhance weed control.

Use Restrictions for RESOURCE Herbicide plus Atrazine Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Read and observe all precautions, restrictions and cautions on the atrazine label.
- 3. Do not apply the RESOURCE plus Atrazine tank mix to corn before the 2-leaf stage or after the corn is greater than 12 inches in height.
- 4. Do not apply more than a total of 8 fl. oz./A of RESOURCE to field corn during a single growing season.
- 5. Do not apply the RESOURCE plus Atrazine tank mix if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result.
- 6. Do not graze animals on green forage or use as feed less than 28 days after RESOURCE plus Atrazine application.

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TANK MIX WITH BANVEL® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

Ground Application: Apply on a broadcast basis in a minimum of 20 gals, water per acre and a spray pressure of 20 PSI measured at the nozzle. Apply using flat fan nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly mix BANVEL in water and then add RESOURCE.

Table C7.

Product	Product Rates	Weeds Controlled	Leaf	Stage		
			Resource 2 fl. oz./A	Resource 4 fl. oz./A		
RESOURCE (.86 EC) plus BANVEL (4 L)	2 to 4 fl. oz./A plus 4 to 8 oz./A	Common Ragweed Smooth Pigweed Velvetleaf	up to 2_ up to 3 up to 4	up to 2 up to 3 up to 6		
		Refer to BANVEL label claimed.	BANVEL label for additional wee			
		RESOURCE may enhal				

Adjuvant: RESOURCE plus BANVEL tank mix should be applied without the addition of an adjuvant. Consult the BANVEL label and State Extension Service recommendations for situational use of an adjuvant in combination with BANVEL.

Use Restrictions for RESOURCE Herbicide plus BANVEL Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Read and observe all precautions, restrictions and conditions on the BANVEL label.
- 3. Do not apply the RESOURCE plus BANVEL tank mix to corn before the 2-leaf stage or after the corn is greater than 36 inches in height, or after the 10-leaf stage of corn, whichever comes first.
- 4. Do not apply more than a total of 8 fl. oz./A of RESOURCE to field corn during a single growing season.
- Do not apply the RESOURCE plus BANVEL tank mix if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result.
- 6. Do not graze animals on green forage or use as feed less than 28 days after RESOURCE plus BANVEL application.
- 7. Applications of BANVEL Herbicide to corn during periods of rapid growth may result in temporary leaning. Corn will usually become erect within 3 to 7 days. Cultivation should be delayed until after corn is growing normally to avoid breakage.

TANK MIX WITH BEACON® ACCU-PAK FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 35 to 40 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and pressure of 40 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly disperse BEACON in water, add RESOURCE, add crop oil concentrate or methylated seed oil, and then add nitrogen source (if required). If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank after the BEACON.

Table C8.

Product	Product Rates	Weeds Controlled	Leaf Stage		
			Beacon .38 oz./A	Beacon .76 oz./A	
plus plus	.38 oz./A	Common Ragweed Smooth Pigweed Velvetleaf	1 to 4 inches 2 to 6 inches up to 6 leaf	1 to 4 inches 2 to 9 inches up to 6 leaf	
	(4 acres/packet) to. .76 oz./A (2 acres/packet)	to Refer to BEACON label for additional claimed.			

Adjuvant: Broadcast application: RESOURCE plus BEACON tank mix must be applied with 1 to 2 pt./A crop oil concentrate or methylated seed oil or .25% v/v of an agricultural approved non-ionic surfactant. Drop nozzle application: RESOURCE plus BEACON tank mix should be applied with 1 qt./A crop oil concentrate or methylated seed oil. A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lbs./A or 28-32% nitrogen solution at 1 to 2 qts./A) may be added to enhance weed control.

Use Restrictions for RESOURCE Herbicide plus BEACON Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Carefully read and comply with all restrictions, precautions, and conditions on the BEACON label.
- Do not apply the RESOURCE plus BEACON tank mix to corn before the 2 leaf stage or 4 inches. Do not
 apply the RESOURCE plus BEACON tank mix to corn after the 10 leaf stage or 20 inches, whichever
 comes first.
- 4. Do not apply more than a total of 8 fl. oz./A of RESOURCE to field corn during a single growing season.
- 5. Do not apply the RESOURCE plus BEACON tank mix if rain is expected within 4 hours of application; otherwise unsatisfactory weed control may result.
- 6. Do not harvest grain within 60 days after application.
- 7. Do not graze animals on green forage or use as feed less than 30 days after RESOURCE application.
- 8. Refer to the BEACON label for all corn variety or hybrid precautions.
- 9. Refer to the BEACON label for geographic restrictions as to where BEACON may be used, ; ;

TANK MIX WITH BUCTRIL HERBICIDE FOR WEED CONTROL IN FIELD CORN

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 40 to 60 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and minimum pressure of 50 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly mix BUCTRIL in water and then add RESOURCE.

Table C9.

RESOURCE Herbicide plus BUCTRIL Herbicide Tank Mix - Field Corn - Rates and Time of Application

Product	Product Rates	Broadleaf Weeds Controlled	Leaf Stage		
RESOURCE (.86 EC) plus BUCTRIL (2L) or BUCTRIL GEL	4 fl. oz./A plus 1 pt./A or 0.5 pt./A	Common Cocklebur Common Lambsquarters Common Ragweed Pigweeds Redroot Smooth Waterhemp Common Tall Velvetleaf Refer to BUCTRIL label for addit	up to 6 up to 3 up to 6 ional weeds claimed.		
Adjuvant: Do not use an adj	Adjuvant: Do not use an adjuvant when tank mixing RESOURCE plus BUCTRIL OR BUCTRIL GEL.				

Use Restrictions for the RESOURCE Herbicide plus BUCTRIL Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Do not apply the RESOURCE plus BUCTRIL tank mix to corn before the 3-leaf stage. Do not apply after the corn is larger than 10-leaf stage.
- 3. Do not apply more than a total of 8 fl. oz./A of RESOURCE to field corn during a single growing season.
- 4. Do not apply the RESOURCE plus BUCTRIL tank mix if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result.
- Do not graze animals on green forage or use as feed less than 30 days after RESOURCE application.
- 6. A Drop Nozzle application may be made in corn from 3 leaf to 10 leaf corn.
- 7. Crop burn, similar to that of BUCTRIL applied alone, may be expected with the Resource plus BUCTRIL tank mix.

TANK MIX WITH CLARITY® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

Ground Application: Apply on a broadcast basis in a minimum of 20 gals, water per acre and a spray pressure of 30 PSI measured at the nozzle. Apply using flat fan nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly mix CLARITY in water, add RESOURCE and then add the adjuvant.

Table C10.

RESOURCE Herbicide plus CLARITY Herbicide Tank Mix - Field Corn - Rates and Time of Application

Product	Product Rates	Weeds Controlled	Leaf	Stage	
			Resource 2 fl. oz./A	Resource 4 fl. oz./A	
RESOURCE (.86 EC) plus CLARITY (4 L)	2 to 4 fl. oz./A plus 4 to 8 oz./A	Common Ragweed Smooth Pigweed Velvetleaf	up to 2 up to 3 up to 4	up to 2 up to 3 up to 6	
		Refer to CLARITY label for additional weeds claimed.			
		RESOURCE may enhand CLARITY under some c			

Adjuvant: Broadcast and drop nozzle applications: RESOURCE plus CLARITY tank mix may be applied with non-ionic surfactant at .25% v/v (1 qt./100 gals.).

Use Restrictions for RESOURCE Herbicide plus CLARITY Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Read and observe all precautions, restrictions and conditions on the CLARITY label.
- 3. Do not apply the RESOURCE plus CLARITY tank mix to corn before the 2-leaf stage or after the corn is greater than 8 inches in height.
- 4. Do not apply more than a total of 8 fl. oz./A of RESOURCE to field corn during a single growing season.
- 5. Do not apply the RESOURCE plus CLARITY tank mix if rain is expected within 4 hours of application; otherwise unsatisfactory weed control may result.
- 6. Do not graze animals on green forage or use as feed less than 28 days after RESOURCE application.
- 7. Applications of CLARITY to corn during periods of rapid growth may result in temporary leaning. Corn will usually become erect within 3 to 7 days. Cultivation should be delayed until after corn is growing normally to avoid breakage.

TANK MIX WITH EXCEED® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 35 to 40 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and pressure of 40 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly disperse EXCEED in water, add RESOURCE, add crop oil concentrate or methylated seed oil, and then add nitrogen source (if required). If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank before the EXCEED.

Table C11.

RESOURCE Herbicide plus EXCEED Herbicide Tank Mix - Field Corn - Rates and Time of Application

Product	Product Rates	Weeds Controlled	Leaf Stage
RESOURCE (.86 EC) plus EXCEED (57 DG)	4 fl. oz./A plus 1 oz./A or 1 pack/4 acres	Common Ragweed Smooth Pigweed Velvetleaf Refer to EXCEED label fo claimed. RESOURCE may enhance EXCEED under some con	the activity of

Adjuvant: Broadcast application: RESOURCE plus EXCEED tank mix must be applied with 1 to 2 pt./A crop oil concentrate or methylated seed oil. Drop nozzle application: RESOURCE plus EXCEED tank mix should be applied with 1 qt./A crop oil concentrate or methylated seed oil. A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lbs./A or 28-32% nitrogen solution at 1 to 2 qts./A) may be added to enhance weed control.

Use Restrictions for RESOURCE Herbicide plus EXCEED Herbicide Tank Mix:

- 1. Always read and follow label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Read and observe all precautions, restrictions and conditions on the EXCEED label.
- 3. Do not apply RESOURCE plus EXCEED tank mix to corn before the crop is 4 inches in height. Do not apply after the corn is larger than the 10 leaf stage.
- 4. Do not apply more than a total of 8 fl. oz./A or RESOURCE to field corn during a single growing season.
- 5. Do not apply the RESOURCE plus EXCEED tank mix if rain is expected within 4 hours of application; otherwise unsatisfactory weed control may result.
- 6. Do not harvest grain until 60 days after application.
- 7. Do not harvest silage until 40 days after application.
- 8. Do not graze animals on green forage or use as feed less than 30 days after an application of RESOURCE.
- If an insecticide was used, refer to the EXCEED label for precautions regarding possible interactions.
- 10. Refer to the EXCEED label for all corn variety or hybrid precautions.
- 11. Refer to the EXCEED label for geographic restrictions as to where EXCEED may be used.

TANK MIX WITH LADDOK® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 40 to 60 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and minimum pressure of 50 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly mix LADDOK in water, add RESOURCE, and then add adjuvant.

Table C12.

Product	Product Rates	Broadleaf Weeds Controlled	Leaf Stage
RESOURCE (.86 EC) plus LADDOK (S-12 FL)	4 fl. oz./A plus 1.33 to 2.33 pt./A	Common Cocklebur Common Lambsquarters Common Ragweed Pigweeds Redroot Smooth Waterhemp Common Tall Velvetleaf Refer to LADDOK label for ad claimed.	2 to 4 2 to 6 up to 2 up to 4 up to 4 up to 3 up to 3 up to 6 ditional weeds

Adjuvant: The RESOURCE plus LADDOK tank mix must be applied with 1 pt./A crop oil concentrate or methylated seed oil.

Use Restrictions for the RESOURCE Herbicide plus LADDOK Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Do not apply the RESOURCE plus LADDOK tank mix to corn before the 4-leaf stage. Do not apply after the corn is larger than 12 inches in height.
- 3. Do not apply more than a total of 8 fl. oz./A of RESOURCE to field corn during a single growing season.
- 4. Do not graze animals on green forage or use as feed less than 28 days after RESOURCE application.
- Crop burn, similar to that of LADDOK applied alone, may be expected with the Resource plus LADDOK tank mix.

TANK MIX WITH MARKSMAN® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 20 PSI at the nozzle to actively growing weeds. 20 GPA of water should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly mix MARKSMAN in water and then add the RESOURCE.

Table C13.
RESOURCE Herbicide plus MARKSMAN Herbicide Tank Mix - Field Com - Rates and Time of Application

Product	Product Rates	Weeds Controlled	Leaf Stage	
			Resource 2 fl. oz./A	Resource 4 fl. oz./A
RESOURCE (.86 EC) plus MARKSMAN (3.2 FL)	2 to 4 fl. oz./A plus 2.0 to 3.5 pts./A	Common Lambsquarters Common Ragweed Pigweeds Redroot Smooth Velvetleaf Refer to MARKSMAN label for additional weeds claimed.	up to 6 up to 4 up to 3 up to 3 up to 4	up to 6 up to 4 up to 3 up to 3 up to 6

Adjuvant: Do not use any adjuvant with the RESOURCE plus MARKSMAN tank mix.

Use Restrictions for RESOURCE Herbicide plus MARKSMAN Herbicide Tank Mix:

- Always read and follow label directions when using any pesticide alone or in tank mix combinations.
 The most restrictive labeling applies when using a tank mix.
- Carefully read and observe all precautions, restrictions and conditions on the MARKSMAN label.
- 3. Do not apply RESOURCE plus MARKSMAN tank mix to corn before the 2-leaf stage. Do not apply after the corn is larger than 8 inches in height or after the 5 leaf stage, whichever comes first.
- 4. Do not apply more than a total of 8 fl. oz./A of RESOURCE to field corn during a single growing season.
- 5. Do not apply the RESOURCE plus MARKSMAN tank mix if rain is expected within 4 hours of application; otherwise unsatisfactory weed control may result.
- 6. Do not graze animals on green forage or use as feed less than 28 days after an application of RESOURCE Herbicide plus MARKSMAN.

TANK MIX WITH PERMIT® FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 35 to 40 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and pressure of 40 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray

Recommended Mixing Order: Thoroughly disperse PERMIT in water, add RESOURCE, add crop oil concentrate or methylated seed oil, and then add nitrogen source (if required). If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank beforer the PERMIT.

Table C14. RESOURCE Herbicide plus PERMIT Herbicide Tank Mix - Field Corn - Rates and Time of Application

Product	Product Rates	Broadleaf Weeds Controlled	Leaf Stage
RESOURCE (.86 EC) plus PERMIT (75 WDG)	4 fl. oz./A plus % to 1% oz./A	Common Ragweed Smooth Pigweed Velvetleaf Refer to PERMIT label for additio RESOURCE may enhance the act some conditions.	

Adjuvant: Broadcast application: RESOURCE plus PERMIT tank mix must be applied with 1 to 2 pt./A crop oil concentrate or methylated seed oil or .25% v/v of an agricultural approved non-ionic surfactant. Drop nozzle application: RESOURCE plus PERMIT tank mix should be applied with 1 qt./A crop oil concentrate or methylated seed oil. A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lbs./A or 28-32% nitrogen solution at 1 to 2 qts./A) may be added to enhance weed control.

Use Restrictions for RESOURCE Herbicide plus PERMIT Herbicide Tank mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Carefully read and comply with all restrictions, precautions, and conditions on the PERMIT label.
- 3. Do not apply the RESOURCE plus PERMIT tank mix to corn before the 2 leaf stage and up to layby.
- 4. Do not apply more than a total of 8 fl. oz./A of RESOURCE to field corn during a single growing season.5. Do not apply the RESOURCE plus PERMIT tank mix if rain is expected within 4 hours of application; otherwise unsatisfactory weed control may result.
- 6. Do not graze animals on green forage or use as feed less than 30 days after RESOURCE application.
- 7. Do not apply to field corn varieties which are susceptible to PERMIT.
- 8. Refer to the PERMIT label for all corn variety or hybrid precautions.
- 9. Refer to the PERMIT label for geographic restrictions as to where PERMIT may be used.

TANK MIX WITH STINGER® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

Ground Application: Apply on a broadcast basis in a minimum of 20 gals, water per acre and a spray pressure of 30 PSI measured at the nozzle. Apply using flat fan nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly mix the STINGER in water, add RESOURCE, and then add the adjuvant.

Table C15.

RESOURCE Herbicide plus STINGER Herbicide Tank Mix - Field Com - Rates and Time of Application

Product	Product Rates	Broadleaf Weeds Controlled	Leaf Stage		
RESOURCE (.86 EC)	4 to 6 fl. oz./A plus	Velvetleaf	up to 4		
STINGER (3 L)	1/3 to 1/2 pt./A	Refer to STINGER label for additional weeds claim			
Adjuvant: The RESOURCE p	lus STINGER tank mix	must be applied with non-ionic s	surfactant at ,25%v/v,		

Use Restrictions for the RESOURCE Herbicide plus STINGER Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Do not apply the RESOURCE plus STINGER tank mix to corn before the 2-leaf stage. Do not apply after the corn is larger than the 10 leaf stage or 24 inches tall, which ever comes first..
- 3. Do not apply more than a total of 8 fl. oz./A of RESOURCE to field corn during a single growing season.
- 4. Do not apply the RESOURCE plus STINGER tank mix if rain is expected within 6 hour of application; otherwise unsatisfactory weed control may result.
- 5. Do not graze animals on green forage or use as feed less than 40 days after RESOURCE plus STINGER application.
- 6. A Drop Nozzle application may be made in corn up to 24 inches or 10 leaf, which ever comes first.
- 7. See STINGER label for rotational restrictions.
- 8. Do not cultivate 14 days before or after application if STINGER is being applied for the control of perennial weeds.

TANK MIX WITH ATRAZINE AND ACCENT® HERBICIDES FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 35 to 40 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and pressure of 40 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly disperse ACCENT in water, add atrazine, add RESOURCE, add crop oil concentrate or methylated seed oil, and then add nitrogen source (if required). If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank before the ACCENT.

Table C16.

RESOURCE Herbicide plus Atrazine plus ACCENT Herbicide Tank Mix - Field Corn - Rates and Time of

Application

Product	Product Rates	Broadleaf Weeds Controlled	Leaf Stage
Product RESOURCE (.86 EC) plus Atrazine (90 DF) or Atrazine (80 WP) or Atrazine (4 L) or Atrazine (5 L) plus ACCENT (75 SP or DF)	Product Rates 4 fl. oz./A plus 0.6 to 1.2 lbs./A or 0.7 to 1.4 lbs./A or 16 to 32 fl. oz./A or 13 to 26 fl. oz./A plus 0.66 to 1.0 oz./A	Broadleaf Weeds Controlled Burcucumber Common Cocklebur Common Lambsquarters Common Ragweed Jimsonweed Morningglory Ivyleaf Pitted Tall Pigweeds	Leaf Stage up to 10 inch runners up to 4 up to 2
		Redroot Smooth Velvetleaf Refer to atrazine and ACCENT is weeds claimed. RESOURCE may enhance the ad ACCENT under some conditions	tivity of atrazine plus

Adjuvant: Broadcast application: RESOURCE plus Atrazine plus ACCENT tank mix must be applied with 1 to 2 pt./A of crop oil concentrate or methylated seed oil. Drop nozzle application: RESOURCE plus Atrazine plus ACCENT tank mix should be applied with 1 qt./A crop oil concentrate or methylated seed oil. A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lbs./A or 28-32% nitrogen solution at 1 to 2 qts./A) may be added to enhance weed control.

Use Restrictions for RESOURCE Herbicide plus Atrazine plus ACCENT SP OR DF Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Carefully read and observe all precautions, restrictions and conditions on the atrazine and ACCENT labels.
- 3. Carefully read and comply with all the ACCENT restrictions, precautions, and conditions concerning the use of insecticides.
- 4. Do not apply the RESOURCE plus atrazine plus ACCENT tank mix to corn before the 2-leaf stage or after the corn is greater than 12 inches in height.
- 5. Do not apply more than a total of 8 fl. oz./A of RESOURCE to field corn during a single growing season.
- 6. Do not apply the RESOURCE plus Atrazine plus ACCENT tank mix if rain is expected within,4 hours of application; otherwise unsatisfactory weed control may result.
- 7. Do not graze animals on green forage or use as feed less than 30 days after RESOURCE plus Atrazine plus ACCENT application.

TANK MIX WITH ATRAZINE AND EXCEED® HERBICIDES FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 35 to 40 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and pressure of 40 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly disperse EXCEED in water, add atrazine, add RESOURCE, add crop oil concentrate or methylated seed oil, and then add nitrogen source (if required). If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank after the EXCEED.

Table C17.
RESOURCE Herbicide plus Atrazine plus EXCEED Herbicide Tank Mix - Field Corn - Rates and Time of Application

Product	Product Rates	Weeds Controlled	Leaf Stage	
RESOURCE (.86 EC)	4 fl. oz./A	Common Ragweed	up to 2	
plus	plus	Burcucumber	up to 10" runners	
EXCEED (57 DG)	1 oz./A	Smooth Pigweed	up to 3	
	or	Velvetleaf	up to 6	
	1 pack/4 acres		·	
plus	plus			
Atrazine	0.6 to 1.2			
(90 DF)	lbs./A	I		
or	or			
(80 WP)	0.7 to 1.4 lbs./A	Refer to EXCEED and atrazine labels for additional weeds claimed.		
or	or			
(4 L)	16 to 32 fl. oz./A			
or	or			
(5 L)	13 to 26 fl. oz./A			

Adjuvant: The RESOURCE plus EXCEED plus atrazine tank mix must be applied with 1 to 2 pt./A crop oil concentrate, or methylated seed oil. A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lbs./A or 28-32% nitrogen solution at 1 to 2 qts./A) may be added to enhance weed control.

Use Restrictions for RESOURCE Herbicide plus EXCEED Herbicide plus Atrazine Tank Mix

- 1. Always read and follow label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Do not apply RESOURCE plus EXCEED plus atrazine tank mix to corn before the crop is 4 inches in height. Do not apply after the corn is taller than 12 inches.
- 3. Do not apply more than a total of 8 fl. oz./A or RESOURCE to field corn during a single growing season.
- 4. Do not apply the RESOURCE plus EXCEED plus atrazine tank mix if rain is expected within 4 hours of application; otherwise unsatisfactory weed control may result.
- 5. Do not graze animals on green forage or use as feed less than 40 days after an application of RESOURCE plus EXCEED plus atrazine.
- 6. If an insecticide was used, refer to the EXCEED label for precautions regarding possible interactions.
- 7. Refer to the EXCEED label for crop rotational restrictions.
- 8. Refer to EXCEED label for geographical restrictions as to where EXCEED may be used

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TANK MIX WITH BANVEL AND ACCENT® HERBICIDES FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

Ground Application: Apply on a broadcast basis in a minimum of 20 gals, water per acre and a spray pressure of 20 PSI measured at the nozzle. Apply using flat fan nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly disperse ACCENT in water, add RESOURCE, add BANVEL, and then add non-ionic surfactant.

Table C18.

RESOURCE Herbicide plus BANVEL plus ACCENT Herbicide Tank Mix - Field Corn - Rates and Time of

Product	Product Rates	Broadleaf Weeds	Weed Heig	ht (inches)
		Controlled	Resource 2 fl. oz./A	Resource 4 fl. oz./A
RESOURCE (.86 EC) plus BANVEL (4 LB/GAL) plus ACCENT SP	2 to 4 fl. oz./A plus 4 fl. oz. / A plus ½ oz/A	Velvetleaf Common Lambsquarter Common Lambsquarter Triazine Resistant Pigweeds Smooth Redroot Common Ragweed Burcucumber	up to 4 leaf up to 3 up to 3 up to 3 up to 3 up to 3 up to 3 up to 3	up to 6 lear up to 3 up to 3 up to 3 up to 3 up to 3 up to 3
		Refer to ACCENT and BANN weeds claimed. Corn Growth Stage: 2 to 5 Use on larger than 8" corn rinjury especially under good (see Banvel Label)	leaf (8") nay cause exc	cessive crop

Adjuvant: The RESOURCE plus BANVEL plus ACCENT tank mix must be applied with non-ionic surfactant at 1 qt./100 gals. of spray mix.

Leaf speckling or slight leaf burn can occur to field corn soon after a RESOURCE with BANVEL and ACCENT tank mix application. The field corn quickly outgrows the injury and new growth is not affected. Corn yields are not affected by the minor, initial corn injury.

Use Restrictions for RESOURCE Herbicide plus BANVEL plus ACCENT SP Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- Carefully read and comply with all the ACCENT restrictions, precautions, and conditions concerning the use of insecticides.
- 3. Do not apply more than a total of 8 fl. oz./A of RESOURCE to field corn during a single growing season.
- Do not apply the RESOURCE plus BANVEL plus ACCENT tank mix if rain is expected within 4 hours of application; otherwise unsatisfactory weed control may result.
- Do not graze animals on green forage or use as feed less than 30 days after RESOURCE application.

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TANK MIX WITH BEACON® ACCU-PAK AND ACCENT® SP HERBICIDES FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 35 to 40 PSI at the nozzle to actively growing weeds. A spray pressure of 40 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly disperse BEACON in water, add RESOURCE, add crop oil concentrate or methylated seed oil, and then add nitrogen source (if required). If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank after the BEACON.

Table C19.

RESOURCE Herbicide plus BEACON ACCU-PAK Herbicide plus ACCENT SP Herbicide Tank Mix - Field Corp. - Rates and Time of Application

Product	Product Rates	Broadleaf Weeds Controlled	Leaf Stage/Ht. inches
RESOURCE (.86 EC) plus BEACON ACCU-PAK (75 DF) plus ACCENT SP (75 DF)	4 fl. oz./A plus .38 oz./A (4 acres/packet) plus .33 oz./A	Burcucumber Common Cocklebur Common Ragweed Jimsonweed Pigweeds Redroot Smooth Velvetleaf Refer to ACCENT and BANVEL I	up to 6 inch runners up to 3 up to 4 up to 2 up to 4 up to 4 up to 4 up to 6 abels for additional

Adjuvant: Broadcast application: RESOURCE plus BEACON plus ACCENT tank mix must be applied with 1 to 2 pt./A crop oil concentrate, or methylated seed oil, or .25% v/v of an agricultural approved non-ionic surfactant. Drop nozzle application: RESOURCE plus BEACON plus ACCENT tank mix should be applied with 1 qt./A crop oil concentrate or methylated seed oil. A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lbs./A or 28-32% nitrogen solution at 1 to 2 qts./A) may be added to enhance weed control.

Use Restrictions for RESOURCE Herbicide plus BEACON Herbicide plus ACCENT SP Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- Carefully read and observe all restrictions, precautions, and conditions on the ACCENT and BEACON labels.
- Do not apply the RESOURCE plus BEACON plus ACCENT tank mix to corn before the 2 leaf stage or 4 inches. Do not apply the RESOURCE plus BEACON plus ACCENT tank mix to corn after corn is greater than 20 inches in height.
- 4. Do not apply more than a total of 8 fl. oz./A of RESOURCE to field corn during a single growing season.
- 5. Do not apply the RESOURCE plus BEACON plus ACCENT tank mix if rain is expected within 4 hours of application; otherwise unsatisfactory weed control may result.
- 6. Do not harvest grain within 60 days after application.
- 7. Do not graze animals on green forage or use as feed less than 30 days after RESOURCE application.
- 8. Do not apply to field corn varieties which are susceptible to BEACON or ACCENT.
- 9. Refer to the BEACON and ACCENT labels for rotational crop information.

DIRECTIONS FOR USE IN SOYBEANS

Identify your weed species as early as possible and determine the stage of growth by counting the true leaves. Ignore the cotyledon (seed leaves) when you count. Use Tables S1 through S 15 to determine rate(s), species and the maximum weed leaf stage at which you may apply RESOURCE Herbicide alone, or in tank mixes.

A temporary crop response may be expected following a postemergence application of RESOURCE. Soybean leaves which are open at the time of application may show some burn or spotting. Soybeans quickly outgrow all initial herbicide effects. When RESOURCE is used as directed, soybean yields will not be adversely affected.

ADDITIVES:

Control of weeds by RESOURCE Herbicide is enhanced by the addition of an adjuvant to the spray mixture. Adjuvants are specified in Table S1 (for RESOURCE alone) or in Tables S2 through S 15 (for RESOURCE in tank mixes). If crop oil concentrate or methylated seed oil is the specified adjuvant, use one that contains at least 15% emulsifier. If a non-ionic surfactant is specified, use one that contains at least 90% active surfactant ingredient. Mixing and compatibility qualities should be verified by a jar test.

A spray grade nitrogen fertilizer solution (28-32% N) or spray grade ammonium sulfate may further enhance weed control with RESOURCE applications (UAN at approximately 1 to 2 qts./A or ammonium sulfate at approximately 2.0 to 2.5 lbs./A). The addition of a nitrogen source may increase crop response.

RESOURCE HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

APPLICATION INFORMATION

For best results, RESOURCE Herbicide should be applied to actively-growing weeds. Do not apply RESOURCE during periods when the soybeans and the weeds are under stress or when conditions do not favor active weed growth.

Late postemergence control of tall velvetleaf may be achieved with RESOURCE plus 1 qt./A of crop oil concentrate or methylated seed oil. A spray grade nitrogen fertilizer solution (28-32% N) or spray grade ammonium sulfate in addition to crop oil concentrate or methylated seed oil may further enhance control of tall velvetleaf. For maximum control, velvetleaf plants must be actively growing and receive thorough spray coverage. If regrowth occurs, a second application of RESOURCE can be made.

Table S1.

RESOURCE Herbicide - Soybeans - Rates and Time of Application

BROADLEAF WEED CONTROL				
Weeds Controlled	Crop Oil Concentrate Rate	4 fl. oz./A	s: 8 fl. oz./A	
Common Ragweed Jimsonweed Palmer Amaranth Pigweeds Prostrate Smooth Prickly Sida Velvetleaf	1 qt./A	Leaf Stage up to 6	Leaf Stage up to 4 up to 4 up to 3 up to 8	Leaf Stage up to 6 3 to 4 up to 4 up to 6 up to 4 up to 4 up to 4 up to 10
Weeds Suppressed				
Common Cocklebur Common Lambsquarters Common Ragweed Pigweeds Redroot Smooth Prickly Sida Spotted Spurge	-	 up to 2 up to 3 up to 2	2 to 3 up to 2 up to 3 up to 2	1 to 3 2 to 3 up to 2 up to 2 up to 3 up to 2 up to 2

Adjuvant: RESOURCE, when used alone, must be applied with 1 qt./A of crop oil concentrate or methylated seed oil. A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lbs./A or 28-32% nitrogen solution at 1 to 2 qts./A) may be added to enhance weed control.

LATE CONTROL OF TALL VELVETLEAF				
Weeds Controlled	Crop Oil Concentrate Rate	Applicati 8 fl.oz./A	ion Rates: 12 fl. oz./A	
Maximum Velvetleaf Growth Stage	1 qt./A	up to 10-leaf or 24 inches tall	up to 30 inches tall	

Adjuvant: RESOURCE, when used alone, must be applied with 1 qt./A of crop oil concentrate. A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lbs./A or 28-32% nitrogen solution at 1 to 2 qts./A) may be added to enhance weed control.

Use Restrictions for RESOURCE Herbicide Applied to Soybeans:

- Do not apply RESOURCE within 60 days of harvest.
- 2. Do not apply more than 12 fl. oz./A of RESOURCE in a single application or more than a total of 16 fl. oz./A to soybeans during a single growing season.
- 3. Do not graze treated fields or harvest for forage or hay.
- 4. Do not apply RESOURCE if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result.

RESOURCE HERBICIDE TANK MIX COMBINATIONS IN SOYBEANS

APPLICATION INFORMATION

For best results, RESOURCE tank mixes should be applied to actively growing weeds. Do not apply RESOURCE tank mixes during periods when soybeans and weeds are under stress or when conditions do not favor active weed growth.

Crop response from RESOURCE tank mixes may be greater than that which occurs from REOURCE applied alone. Crop response from RESOURCE is temporary and does not adversely affect crop yield when applied according to the label use directions.

TANK MIX WITH ROUNDUP ULTRA HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN ROUNDUP READY SOYBEANS ***FOR USE ON ROUNDUP READY SOYBEANS ONLY***

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 35 to 40 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and pressure of 40 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate.

Recommended Mixing Order: Thoroughly disperse ammonium sulfate in water, add RESOURCE, add ROUNDUP ULTRA, and if required, add ADJUVANT.

Table S2.
RESOURCE Herbicide plus ROUNDUP ULTRA Herbicide Tank Mix - Sovbean - Rates and Time of Application

RESOURCE Heroldide plus ROUNDUP Of TRA Heroldide Tank IVIX - Soybean - Rates and Time of Application						
Product	Product Rates	Weeds Controlled	Leaf Stage	Adjuvant (see ammonium sulfate statement in adjuvant section below.)		
RESOURCE (.86 EC) plus ROUNDUP ULTRA	2 fl. oz./A plus 1.5 to 3 pt./A	Velvetleaf Velvetleaf Velvetleaf	up to 4 up to 5 up to 6	None .25% NIS 1 pt./A COC or MSO		
RESOURCE (.86 EC) plus ROUNDUP ULTRA	3 fl. oz./A plus 1 to 3 pt./A	Velvetleaf Velvetleaf Velvetleaf	up to 5 up to 6 up to 7	None .25% NIS 1 pt./A COC or MSO		
RESOURCE (.86 EC) plus ROUNDUP ULTRA	4 fl. oz./A* plus 1 to 3 pt./A	Velvetleaf Velvetleaf Velvetleaf	up to 6 up to 7 up to 8	None .25% NIS 1 pt./A COC or MSO		
		the addition of RESC	URCE to ROU	glory control is enhanced by NDUP ULTRA.		

Adjuvant: RESOURCE plus ROUNDUP ULTRA tank mixes must be applied with the adjuvant specified in table S2 plus a spray grade ammonium sulfate at 2.5 lbs./A.

Use Restrictions for RESOURCE Herbicide plus ROUNDUP ULTRA Herbicide Tank Mix:

1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.

2. Read and observe all precautions, restrictions and conditions on the ROUNDUP ULTRA label.

- Do not apply the RESOURCE plus ROUNDUP ULTRA tank mix to ROUNDUP READY soybeans after bloom.
- 4. Do not apply more than a total of 12 fl. oz./A of RESOURCE to ROUNDUP READY soybeans during a single growing season.

5. Do not apply the RESOURCE plus ROUNDUP ULTRA tank mix if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result.

- 6. Do not apply during low level inversions conditions, when winds are gusty, or any other condition which favors drift. Drift to sensitive vegetation may cause serious injury appropriate buffer zones must be maintained.
- 7. Carefully select proper nozzle and spray pressure to avoid spraying a fine mist, twinjet nozzles are NOT recommended.
- 8. Applications made when the crop or weeds are under stress from moisture, cold, heat, high humidity, disease, insects, or prior herbicide applications may result in excessive crop response and/or reduced weed control.
- A sequential application of the RESOURCE plus ROUNDUP ULTRA tank mix may be required when additional weed flushes germinate after the initial RESOURCE plus ROUNDUP ULTRA application.
- Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.
- 11. Use the Roundup Ultra plus Resource tank mix only on soybean varieties that are lawfully designated as soybeans with the Roundup Ready gene. Do not use on "brown bag" or farmer saved seeds (bin run).

TANK MIX COMBINATION WITH SELECT® 2 EC HERBICIDE FOR CONTROL OF GRASSES AND BROADLEAF WEEDS

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 40 to 60 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and minimum pressure of 50 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly mix RESOURCE in water, add SELECT 2 EC, add crop oil concentrate or methylated seed oil, and then add nitrogen source (if required).

Table S3.
RESOURCE Herbicide plus SELECT 2 EC Herbicide Tank Mix - Soybeans - Retes and Time of Application

Product	Product Rates	Weeds Controlled
RESOURCE (.86 EC) plus SELECT 2 EC	4 to 12 fl. oz./A plus 6 to 8 fl. oz./A 8 to 16 fl. oz./A	Refer to RESOURCE label for broadleaf weeds controlled at specific rates. Annual grasses, refer to SELECT 2 EC label for grass weeds controlled. Perennial grasses, refer to SELECT 2 EC label for grass weeds controlled.

Adjuvant: RESOURCE plus SELECT 2 EC tank mix must be applied with 1 gt./A crop oil concentrate or methylated seed oil. A spray grade nitrogen fertilizer solution (28-32% N) at 1 to 2 gts./A or spray grade ammonium sulfate at 2.0 to 2.5 lbs./A may be added to enhance weed control.

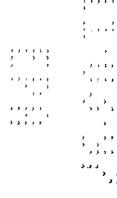
Use Restrictions for RESOURCE Herbicide plus SELECT 2 EC Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Read and observe all restrictions, precautions, conditions, and information concerning antagonism on the SELECT 2 EC label.
- 3. Do not apply the RESOURCE plus SELECT 2 EC tank mix within 60 days of harvest.
- 4. Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.
- 5. Do not apply RESOURCE plus SELECT 2 EC if rain is expected within one hour of application; otherwise unsatisfactory weed control may result.

TANK MIX COMBINATION WITH SELECT® 2 EC HERBICIDE AND ADDITIONAL TANK MIX PARTNERS FOR CONTROL OF GRASSES AND BROADLEAF WEEDS

Directions for three and four way tank mixes of RESOURCE Herbicide plus SELECT 2 EC Herbicide:

- 1. RESOURCE plus SELECT 2 EC may be tank mixed with either BASAGRAN, CLASSIC, COBRA, FIRSTRATE, GALAXY, PINNACLE, PURSUIT, STORM, or COBRA plus BASAGRAN.
- Use the SELECT 2 EC high rate, as indicated in the individual tank mix use directions (S3-S15), under heavy grass pressure and/or when grasses are approaching maximum controllable height. A second application of SELECT 2 EC may be necessary in some situations.
- 3. If SELECT 2 EC is included in this tank mix, the SELECT 2.EC should be added last, just prior to application.
- 4. A spray grade nitrogen fertilizer solution (28-32% N) at 1 to 2 qts./A or spray grade ammonium sulfate at 2.0 to 2.5 lbs./A may be added to enhance weed control. The addition of a nitrogen source may increase crop response. The spray grade fertilizer does not replace the requirement for crop oil concentrate or methylated seed oil.
- 5. Refer to the SELECT 2 EC label for a list and growth stages of annual grasses controlled, precautions, restrictions, information on antagonism and other information.
- 6. For control of perennial grasses, such as rhizome johnsongrass, it is recommended that SELECT 2 EC be used as a sequential application at least 1 day before or 7 days after the RESOURCE tank mix. Refer to the SELECT 2 EC label for perennial grasses controlled, growth stages, rates and adjuvants recommended.



TANK MIX WITH BASAGRAN® POSTEMERGENCE HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 40 to 60 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and minimum pressure of 50 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly mix BASAGRAN in water, add RESOURCE, add crop oil concentrate or methylated seed oil, and then add nitrogen source (if required). If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank before the BASAGRAN.

SELECT 2 EC Herbicide may be added to the RESOURCE plus BASAGRAN tank mix at 8 to 10 fl. oz./A for control of annual grasses. See use directions under "Directions for three and four way tank mixes of RESOURCE HERBICIDE plus SELECT 2 EC Herbicide".

Table S4.

RESOURCE Herbicide plus BASAGRAN Herbicide Tank Mix - Soybeans - Rates and Time of Application

Product	Product Rates	Broadleaf Weeds Controlled	Leaf Stage or Inches	
			Basagran 16oz./A	Basagran 24 oz./A
RESOURCE (.86 EC) plus BASAGRAN (4 L)	4 fl. oz./A 16 to 24 fl.oz./A	Common Cocklebur Common Lambsquarters Common Ragweed Jimsonweed Pennsylvania Smartweed Yellow Nutsedge Velvetleaf Wild Sunflower Refer to BASAGRAN la	2 to 4 up to 4 up to 3 up to 4 up to 4 up to 4 - up to 8 up to 2 abel for additional	2 to 6 up to 6 up to 4 up to 6 up to 6 up to 6 inch up to 8 up to 4 weeds claimed.

Adjuvant: RESOURCE plus BASAGRAN tank mix must be applied with 1 to 2 pts./A crop oil concentrate or methylated seed oil. To enhance weed control, 1 to 2 qts./A of a spray grade nitrogen based liquid fertilizer, such as, 28, 30, or 32% N or 2.0 to 2.5 lbs. ammonium sulfate/A may be added. The higher (2 pts./A) rate of crop oil concentrate or methylated seed oil must be used if common lambsquarters or yellow nutsedge is present at time of application.

*Due to environmental conditions and other factors influencing the growth, development and physiological condition of lambsquarters, control may be partial or inconsistent.

Use Restrictions for RESOURCE Herbicide plus BASAGRAN Herbicide Tank Mix:

- Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Read and observe all precautions, restrictions and conditions on the BASAGRAN label.;,,,;,
- 3. Do not apply the RESOURCE plus BASAGRAN tank mix within 60 days of harvest.
- 4. Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed, or bedding.
- 5. Do not apply RESOURCE plus BASAGRAN tank mix if rain is expected within' # hours of application; otherwise unsatisfactory weed control may result.

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TANK MIX WITH CLASSIC® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 40 to 60 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and minimum pressure of 50 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: The recommended order of mixing is to thoroughly disperse CLASSIC in water, add RESOURCE, add crop oil concentrate or methylated seed oil, and then add nitrogen source (if required). If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank before the CLASSIC.

SELECT 2 EC Herbicide may be added to the RESOURCE plus CLASSIC tank mix at 8 to 10 fl. oz./A for control of annual grasses. See use directions under "Directions for three and four way tank mixes of RESOURCE Herbicide plus SELECT 2 EC Herbicide".

Table 5S.

RESOURCE Herbicide plus CLASSIC Herbicide Tank Mix - Soybeans - Rates and Time of Application

Product	Product Rates	Weeds Controlled	Leaf Stage
RESOURCE (.86 EC) plus CLASSIC (25 DG)	4 fl. oz./A plus 1/2 - 3/4 oz./A	Common Cocklebur Common Ragweed Pigweed Smooth Redroot	2 to 6 up to 2 up to 3 up to 3
		Pennsylvania Smartweed Velvetleaf	1 to 2. up to 6
		Refer to CLASSIC label for ac claimed.	dditional weeds

Adjuvant: RESOURCE plus CLASSIC tank mix must be applied with 1 pt./A crop oil concentrate or methylated seed oil. A spray grade nitrogen fertilizer solution (28-32% N) at 1 to 2 qts./A or spray grade ammonium sulfate at 2.0 to 2.5 lbs./A may be added to enhance weed control. The addition of a nitrogen source may increase crop response.

Use Restrictions for RESOURCE Herbicide plus CLASSIC Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Read and observe all precautions, restrictions, and conditions on the CLASSIC label.
- 3. Do not apply the RESOURCE plus CLASSIC tank mix within 60 days of harvest.
- 4. Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.
- 5. Do not apply RESOURCE plus CLASSIC tank mix if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result.
- 6. Refer to the CLASSIC label for restrictions on soil pH minimum, recropping interval, and relational guidelines.

TANK MIX WITH COBRA® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

Ground Application: Apply on a broadcast basis in 15 to 20 gals. water per acre and at a spray pressure of 40 to 60 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and minimum pressure of 50 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

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Recommended Mixing Order: Thoroughly mix COBRA in water, add RESOURCE herbicide, add crop oil concentrate or methylated seed oil, and then add nitrogen source (if required). If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank before the COBRA.

SELECT 2 EC Herbicide may be added to the RESOURCE plus COBRA tank mix at 6 to 8 fl. oz./A for control of annual grasses. See use directions under "Directions for three and four way tank mixes of RESOURCE Herbicide plus SELECT 2 EC Herbicide".

Table S6.

RESOURCE Herbicide plus COBRA Herbicide Tank Mix - Soybeans - Rates and Time of Application

			Leaf Stage		
Product	Product Rates	Broadleaf Weeds Controlled	COBRA 6 fl. oz./A	COBRA 8 fl. oz./A	COBRA 10 fl. oz./A
RESOURCE (.86 EC) plus COBRA (2 EC)	4 fl. oz./A plus 6 to 10 fl. oz./A	Black Nightshade Common Cocklebur Pigweeds	up to 3 up to 2	up to 4 up to5	up to 6 up to 6
·	Note: Increased	Redroot Smooth	up to 6 up to 3	up to 6	up to 6 up to 6
	phytotoxicity (crop	Prostrate	op to s	up to 3 	up to 6
	burn) may occur when COBRA is used at 8-10 fl.	Spiny Amaranth Prickly Sida (Teaweed)	, 414 , 444		up to 6 up to 4
	oz./A	Velvetleaf Waterhemp	up to 6	up to 6	up to 6
		Common Tall	up to 4 up to 4	up to 4 up to 4	up to 4 up to 4
		Jimsonweed Ragweeds	up to 4	upto6	up to 6
	•	Common Giant Copperleaf	up to 6 up to 2	up to 6 up to 4	up to 8 up to 6
		Hophornbeam Virginia		up to 4 up to 4	up to 4
		Spotted Spurge			up to 4
•		Broadleaf Weeds Sup	pressed		,
		Common Lambsquarters	up to 2	up to 2	up to 2
		Annual Momingglories Hemp Sesbania	up to 3 up to 2	up to 3 up to 4	up to 4 up to 6
		Burcucumber Pennsylvania Smartweed	-	-	up to 4 up to 4
		RESOURCE may enhance the activity of COBRA under some conditions.			

Adjuvant: RESCURCE plus COBRA tank mix must be applied with 1 to 2 pt./A crop oil concentrate or methylated seed oil. A spray grade nitrogen fertilizer solution (28-32% N) at 1 to 2 qts./A or spray grade ammonium sulfate at 2.0 to 2.5 lbs./A may be added to enhance weed control. The addition of a nitrogen source may increase crop response.

Use Restrictions for RESOURCE Herbicide plus COBRA Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Carefully read and observe all precautions, restrictions and conditions on the COBRA label.
- Do not apply the RESOURCE plus COBRA tank mix within 60 days of harvest.
 Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.
- 5. Do not apply RESOURCE plus COBRA tank mix if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result.

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TANK MIX WITH FIRSTRATE® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 40 to 60 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and minimum pressure of 50 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: The recommended order of mixing is to thoroughly disperse FIRSTRATE in water, add RESOURCE, add crop oil concentrate or methylated seed oil, and then add nitrogen source (if required). If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank before the FIRSTRATE.

SELECT 2 EC Herbicide may be added to the RESOURCE plus FIRSTRATE tank mix at 8 to 10 fl. oz./A for control of annual grasses. See use directions under "Directions for three and four way tank mixes of RESOURCE plus SELECT 2 EC Herbicide".

Table S7.

RESOURCE Herbicide plus FIRSTRATE Herbicide Tank Mix - Soybeans - Rates and Time of Application

Product	Product Rates	Weeds Controlled	Leaf Stage
RESOURCE (.86 EC)	4 fl. oz./A plus	Common Cocklebur Ragweeds	up to 4
FIRSTRATE (84 DG)	.3 oz./A	Common	up to 4
4	•	Giant	up to 4
		Common Sunflower	up to 4
	Į	Velvetleaf	up to 6
		Refer to FIRSTRATE label f claimed.	or additional weeds

Adjuvant: RESOURCE plus FIRSTRATE tank mix must be applied with 1 to 2 pts./A crop oil concentrate or methylated seed oil. A spray grade nitrogen fertilizer solution (28-32% N) at 1 to 2 qts./A or spray grade ammonium sulfate at 2.0 to 2.5 lbs./A may be added to enhance weed control. The addition of a nitrogen source may increase crop response.

Use Restrictions for RESOURCE Herbicide plus FIRSTRATE Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Read and observe all precautions, restrictions, and conditions on the FIRSTRATE label.
- Do not apply the RESOURCE plus FIRSTRATE tank mix within 60 days of harvest.
- 4. Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.
- 5. Do not apply RESOURCE plus FIRSTRATE tank mix if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result.
- 6. Refer to the FIRSTRATE label for restrictions on soil pH minimum, recropping interval, and rotational guidelines.



TANK MIX WITH FLEXSTAR® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 40 to 60 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and minimum pressure of 50 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly mix FLEXSTAR in water, add RESOURCE, add crop oil concentrate or methylated seed oil and then add nitrogen source (if required). If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank before the FLEXSTAR.

SELECT 2 EC Herbicide may be added to the RESOURCE plus FLEXSTAR tank mix at 6 to 8 fl. oz./A for control of annual grasses. See use directions under "Directions for three and four way tank mixes of RESOURCE Herbicide plus SELECT 2 EC Herbicide".

Table S8.

RESOURCE Herbicide plus FLEXSTAR Herbicide Tank Mix - Soybeans - Rates and Time of Application

Product	Product Rates	Broadleaf Weeds Controlled	Leaf Stage
RESOURCE (.86 EC) plus FLEXSTAR (1.88 HL)	4 fl. oz./A plus 1 pt./A	Common Ragweed Smooth Pigweed Prickly Sida Velvetleaf	up to 4 up to 3 up to 2 up to 6
	-	Refer to FLEXSTAR label for addit	ional weeds claimed.

Adjuvant: RESOURCE plus FLEXSTAR tank mix must be applied with 1 pt./A crop oil concentrate or methylated seed oil. A spray grade nitrogen fertilizer solution (28-32% N) at 1 to 2 qts./A or spray grade ammonium sulfate at 2.0 to 2.5 lbs./A may be added to enhance weed control. The addition of a nitrogen source may increase crop response.

Use Restrictions for the RESOURCE Herbicide plus FLEXSTAR Herbicide Tank Mix:

Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
 The RESOURCE plus FLEXSTAR tank mix MAY NOT be applied in areas where FLEXSTAR

The RESOURCE plus FLEXSTAR tank mix MAY NOT be applied in areas where FLEXSTAR
applications are not permitted. Check FLEXSTAR label for rate, geographic, and rotational
restrictions.

3. Do not apply the RESOURCE plus FLEXSTAR tank mix within 60 days of harvest. Do not apply after onset of bloom.

4. Thoroughly clean spray tank with water and a commercial tank cleaner before and after each use.

 Only crop oil concentrates cleared for use on growing crops under 40 CFR 180.1001 may be used in RESOURCE/FLEXSTAR tank mixes.

 RESOURCE/FLEXSTAR tank mix requires a 1 hour rain free period. Do not apply if rain is threatening.

Avoid overlapping spray swaths, as injury may occur to rotational corps.

8. Avoid drift to all other crops and nontarget areas. Crops other than soybeans may be severely injured by drift.

9. Do not graze treated areas or harvest for forage or hay.

Rotational Crop Re	strictions	l i
Crop To Be Planted	Minimum Rotational Interval (Months After last FLEXSTAR Application)	
Small grains such as wheat, barley, rye	4	· · · · · · · · · · · · · · · · · · ·
Corn, cotton, peanuts, rice	10	2777
Sunflowers, sugarbeets, sorghum, or any other crop	18	1)

Do not graze rotated small grain crop or harvest forage or straw for livestock

* In the event of crop loss due to weather conditions soybeans can be replanted.

TANK MIX WITH GALAXY® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 40 to 60 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and minimum pressure of 50 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly mix GALAXY in water, add RESOURCE, add crop oil concentrate or methylated seed oil, and then add nitrogen source (if required). If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank before the GALAXY.

SELECT 2 EC Herbicide may be added to the RESOURCE plus GALAXY tank mix at 8 to 10 fl. oz./A for control of annual grasses. See use directions under "Directions for three and four way tank mixes of RESOURCE Herbicide plus SELECT 2 EC Herbicide".

Table S9.

RESOURCE Herbicide plus GALAXY Herbicide Tank Mix - Soybeans - Rates and Time of Application

Product	Product Rates	Broadleaf Weeds Controlled	Leaf Stage
RESOURCE (.86 EC) plus GALAXY (3.67 L)	4 fl. oz./A plus 24 - 32 fl. oz./A	Common Cocklebur Common Lambsquarters Common Ragweed Pennsylvania Smartweed Pigweeds Redroot Smooth Prickly Sida Velvetleaf Refer to GALAXY label for additi	up to 4 up to 6

Adjuvant: RESOURCE plus GALAXY tank mix must be applied with 1 to 2 pt./A crop oil concentrate or methylated seed oil. A spray grade nitrogen fertilizer solution (28 - 32%) at 1 to 2 qts./A or spray grade ammonium sulfate at 2 lbs./A may be added to enhance weed control. The addition of a nitrogen source may increase crop response.

*Due to environmental conditions and other factors influencing the growth, development and physiological condition of lambsquarters, control may be partial or inconsistent.

Use Restrictions for RESOURCE Herbicide plus GALAXY Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Read and observe all precautions, restrictions and conditions on the GALAXY label.
- 3. Do not apply the RESOURCE plus GALAXY tank mix within 60 days of harvest.
- 4. Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.
- 5. Do not apply the RESOURCE plus GALAXY tank mix if rain is expected within 4 hours after application; otherwise unsatisfactory weed control may result.

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TANK MIX WITH PINNACLE® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 40 to 60 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and minimum pressure of 50 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly disperse PINNACLE in water, add RESOURCE, add crop oil concentrate or methylated seed oil, and then add nitrogen source (if required). If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank before the PINNACLE.

SELECT 2 EC Herbicide may be added to the RESOURCE plus PINNACLE tank mix at 6 to 8 fl. oz./A for control of annual grasses when the PINNACLE rate is .125 oz./A. See use directions under "Directions for three and four way tank mixes of RESOURCE Herbicide plus SELECT 2 EC Herbicide".

RESOURCE Herbicide plus PINNACLE Herbicide Tank Mix - Soybeans - Rates and Time of Application

_			Wee	Weed Size	
Product	Product Rates	Broadleaf Weeds Controlled	PINNACLE* .125 oz./A	PINNACLE** .25 oz./A	
RESOURCE(.86 EC) plus PINNACLE (25 DF)	4 fl. oz./A plus .125 to .25 oz./A	Common Lambsquarters Pennsylvania Smartweed Pigweeds Redroot Smooth Velvetleaf Refer to PINNACLE label for a	2 to 3 inches 2 to 3 inches 2 to 8 inches 2 to 4 inches 2 to 4 inches dditional weeds of	2 to 4 inches 2 to 4 inches 2 to 12 inches 2 to 8 inches 2 to 6 inches	

'Adjuvant: RESOURCE plus PINNACLE at 0.125 oz./A tank mix must be applied with crop oil concentrate or methylated seed oil at 1 pt./A plus a spray grade nitrogen fertilizer solution (28-32% N) at 1 to 2

Adjuvant: RESOURCE plus PINNACLE at 0.25 oz./A tank mix must be applied with non-ionic surfactant at 0.25% v/v plus a spray grade nitrogen fertilizer solution (28-32% N) at 1 to 2 gts./A.

Use Restrictions for RESOURCE Herbicide plus PINNACLE Herbicide Tank Mix:

- Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- Carefully read and observe all restrictions, precautions, and conditions on the PINNACLE label. Do not apply the RESOURCE plus PINNACLE tank mix within 60 days of harvest. 2.
- 3.
- Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or 4.
- 5. Do not apply the RESOURCE plus PINNACLE tank mix if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result. Do not use DASH HC spray adjuvant.

PINNACLE SEQUENTIAL TREATMENTS

Sequential applications of PINNACLE following postemergent PURSUIT® treatments are not recommended because:

- Crop injury from sequential postemergence applications of PINNACLE following BURSULT is greater 1. than from the use of either product applied alone. The 1st application interferes, with the solbean's ability to metabolize the 2nd herbicide treatment. Sequential applications may result in severe crop injury.
- Any weeds not controlled by the PURSUIT application will be stressed at the time of the sequential 2. treatment. This will result in unsatisfactory weed control, particularly for stress sensitive weeds such as lambsquarters.

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Even though not recommended for sequential application, a minimum interval of at least 14 days between applications of PINNACLE following PURSUIT is required to reduce the potential for crop injury and unsatisfactory weed control. The soybeans should be free from stress (herbicide or environmental) and actively growing. Weeds should be free from stress and not exceed the labeled size (height) at the time of PINNACLE application.

TANK MIX WITH PURSUIT® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 40 to 60 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and minimum pressure of 50 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly disperse PURSUIT in water, add RESOURCE, add crop oil concentrate or methylated seed oil, and then add nitrogen. . If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank before the PURSUIT.

SELECT 2 EC Herbicide may be added to the RESOURCE plus PURSUIT tank mix at 8 to 10 fl. oz./A for control of annual grasses. See use directions under "Directions for three and four way tank mixes of RESOURCE Herbicide plus SELECT 2 EC Herbicide".

Table S11.

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RESOURCE Herbicide plus PURSUIT Herbicide Tank Mix - Soybeans - Rates and Time of Application

Product	Product Rates	Weeds Controlled	Leaf Stage
RESOURCE (.86 EC) plus PURSUIT (2L) or PURSUIT (70 DG)	4 fl. oz./A plus 4 fl. oz./A or 1.44 oz./A	Pigweeds Redroot Smooth Velvetleaf Refer to PURSUIT label for claimed. RESOURCE may enhance under some conditions.	-

Adjuvant: RESOURCE plus PURSUIT tank mix must be applied with 1 qt./A crop oil concentrate or methylated seed oil plus 1 to 2 qts./A of a spray grade nitrogen based liquid fertilizer such as 28-32% N or 2.0 to 2.5 lbs./A of a spray grade ammonium sulfate.

Use Restrictions for RESOURCE Herbicide plus PURSUIT Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix. This tank mix is restricted to areas in which PURSUIT is labeled. Refer to PURSUIT supplemental labeling for use in North Dakota and northern Minnesota (north of State Hwy. 210).
- 2. Read and observe all precautions, restrictions and conditions on the PURSUIT label.
- 3. Do not apply the RESOURCE plus PURSUIT tank mix within 85 days of harvest. Application should be made before soybean bloom.
- 4. Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.
- 5. Do not apply RESOURCE plus PURSUIT tank mix if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result.

TANK MIX WITH SCEPTER® HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 40 to 60 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and minimum pressure of 50 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly disperse SCEPTER in water, add RESOURCE and then add crop oil concentrate or methylated seed oil, or non-ionic surfactant.

Table S12.

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RESOURCE Herbicide plus SCEPTER Herbicide Tank Mix - Soybeans - Rates and Time of Application

Product	Product Rates	Weeds Controlled	Weed Size
RESOURCE (.86 EC) plus SCEPTER	4 fl. oz./A plus	Common Cocklebur Pigweeds	up to 8 inches
(1.5L) or	5 1/3 fl. oz./A	Redroot Smooth Common Sunflower	up to 3 inches up to 3 inches up to 4 inches
(70DG)	1.4 oz./A	Velvetleaf	up to 6 leaf
**		Refer to SCEPTER for addition	onal weeds claimed.
		RESOURCE may enhance the under some conditions.	e activity of SCEPTER

Adjuvant: RESOURCE plus SCEPTER tank mix must be applied with 1 qt./A crop oil concentrate or methylated seed oil or 0.25% v/v (1 qt./100 gals.) non-ionic surfactant. The use of a crop oil concentrate is preferable if environmental and crop conditions permit.

Use Restrictions for RESOURCE Herbicide plus SCEPTER Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- Read and observe all precautions, restrictions, conditions and guidelines on the SCEPTER label.
- 3. Do not apply the RESOURCE plus SCEPTER tank mix within 90 days of harvest.
- Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.
- Do not apply RESOURCE plus SCEPTER tank mix if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result.
- 6. Do not tank mix SELECT with RESOURCE plus SCEPTER.

TANK MIX WITH STORM® HERBICIDE. FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 40 to 60 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and minimum pressure of 50 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly mix STORM in water, add RESOURCE and then add crop oil concentrate or methylated seed oil.

SELECT 2 EC Herbicide may be added to the RESOURCE plus STORM tank mix at 8 to 10 fl. oz./A for control of annual grasses. See use directions under "Directions for three and four way tank mixes of RESOURCE Herbicide plus SELECT 2 EC Herbicide".

Table S13.

RESOURCE Herbicide plus STORM Herbicide Tank Mix - Soybeans - Rates and Time of Application

Product	Product Rates	Broadleaf Weeds Controlled	Leaf Stage
RESOURCE (.86 EC) plus STORM (4 S)	4 fl. oz./A plus 24 fl. oz./A	Black Nightshade Common Lambsquarters Pennsylvania Smartweed Prickly Sida Ragweeds Common Giant Velvetleaf	up to 4 up to 6 up to 6 up to 6 up to 4 up to 6
		Refer to STORM label for addition	nal weeds claimed.

Adjuvant: RESOURCE plus STORM tank mix must be applied with 1 to 2 pt./A crop oil concentrate or methylated seed oil.

*Due to environmental conditions and other factors influencing growth, development and physiological condition of lambsquarters, control may be partial or inconsistent.

Use Restrictions for RESOURCE Herbicide plus STORM Herbicide Tank Mix:

- Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Read and observe all precautions, restrictions and conditions on the STORM label.
- 3. Do not apply the RESOURCE plus STORM tank mix within 60 days of harvest.
- Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.
- 5. Do not apply the RESOURCE plus STORM tank mix if rain is expected within 4 hours after application; otherwise unsatisfactory weed control may result.

TANK MIX WITH COBRA PLUS BASAGRAN HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 40 to 60 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and minimum pressure of 50 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly mix COBRA in water, add RESOURCE, add BASAGRAN and then add crop oil concentrate or methylated seed oil.

SELECT 2 EC Herbicide may be added to the RESOURCE plus BASAGRAN plus COBRA tank mix at 8 to 10 fl. oz./A for control of annual grasses. See use directions under "Directions for three and four way tank mixes of RESOURCE Herbicide plus SELECT 2 EC Herbicide".

Table S14.
RESOURCE Herbicide plus COBRA Herbicide plus BASAGRAN Herbicide Tank Mix - Soybeans - Rates and

Product	Product Rates	Broadleaf Weeds Controlled	Leaf Stage
RESOURCE (.86 EC)	4 fl. oz./A	Black Nightshade	up to 3
plus	plus	Common Cocklebur	up to 4
BASAĠRAN (4 L)	1 pt./A	Common Lambsquarters*	up to 4
plus	plus	Pennsylvania Smartweed	up to 4
COBRA Herbicide (2 EC)	6 to 8 fl. oz/A	Pigweeds	
		Redroot	up to 4
	İ	Smooth	up to 4
		Prickly Sida	up to 2
		Ragweeds	- ,
		Common	up to 4
		Giant	up to 2
		Velvetleaf	up to 8
	}	Waterhemp	•
	1	Common	up to 4
		Tall	up to 4
		Wild Sunflower	up to 2
		Refer to BASAGRAN label for	·
		additional weeds claimed.	
		1	
	1	<u> </u>	

Adjuvant: The RESOURCE plus BASAGRAN plus COBRA tank mix must be applied with 1 pt./A crop oil concentrate or methylated seed oil.

Use Restrictions for the RESOURCE plus BASAGRAN plus COBRA Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Do not apply the RESOURCE plus BASAGRAN plus COBRA tank mix within 60 days of harvest.
- 3. Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal reed or bedding.
- 4. Do not apply the RESOURCE plus BASAGRAN plus COBRA tank mix if rain is expected within 4 hours after application; otherwise unsatisfactory weed control may result.
- 5. Applications made before the V2 soybean growth stage may exhibit a higher degree or lear burn than applications made at V2 or later.

^{*}Due to environmental conditions and other factors influencing growth, development and physiological condition of lambsquarters, control may be partial or inconsistent.

TANK MIX WITH COBRA PLUS PURSUIT HERBICIDE FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS

Ground Application: Apply on a broadcast basis in 15 to 20 gals, water per acre and at a spray pressure of 40 to 60 PSI at the nozzle to actively growing weeds. A spray volume of 20 GPA and minimum pressure of 50 PSI should be used when one or more of the following conditions exist: a) weeds are in the upper size range of the recommended leaf stage, b) weed populations are moderate to heavy, or c) if the crop canopy is difficult to penetrate. Apply using flat fan or hollow cone nozzles designed to deliver the desired spray pressure and spray volume.

Recommended Mixing Order: Thoroughly disperse PURSUIT in water, add COBRA, add RESOURCE and then add crop oil concentrate or methylated seed oil, and then add nitrogen source. If ammonium sulfate is used as the nitrogen source, it should be added to the spray tank after the PURSUIT 70 DG or before the PURSUIT 2 AS.

Table S15.
RESOURCE Herbicide plus COBRA Herbicide plus PURSUIT Herbicide Tank Mix - Soybeans - Rates and Time of Application

Product	Product Rates	Broadleaf Weeds Controlled	Leaf Stage
RESOURCE (.86 EC)	4 fl. oz./A plus	Common Cocklebur Pigweeds	up to 4
COBRA (2 EC)	4 fl. oz./A	Redroot	up to 6
plus	plus	Smooth	up to 3
PURSUIT (2 AS)	4 fl. oz./A	Prickly Sida	up to 2
or	or	Common Ragweed	up to 6
PURSUIT (70 DG)	1,44 oz./A	Velvetleaf.	up to 6
RESOURCE (.86 EC)	4 fl. oz./A plus	Weeds Listed Above Plus:	
COBRA (2 EC)	6 fl. oz./A	Hemp Sesbania	up to 2
plus	plus	Palmer Amaranth	up to 6
PURSUIT (2 AS)	4 fl. oz./A	Prickly Sida	up to 3
or	or	Giant Ragweed	 up to 4
PURSUIT (70 DG)	1.44 oz./A	Waterhemp	
		Common	up to 4
		Tall	up to 4
		Refer to PURSUIT label for addition	onal weeds claime

Adjuvant: The RESOURCE plus COBRA plus PURSUIT tank mix must be applied with 1 to 2 pt./A crop oil concentrate, or methylated seed oil, plus 1 to 2 qts./A of a spray grade nitrogen based liquid fertilizer, such as 28%, 30%, or 32% N.

Use Restrictions for RESOURCE Herbicide plus COBRA Herbicide plus PURSUIT Herbicide Tank Mix:

- 1. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.
- 2. Do not apply the RESOURCE plus COBRA plus PURSUIT tank mix within 85 days of harvest. Do not apply after podset.
- 3. Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.
- 4. Do not apply the RESOURCE plus COBRA plus PURSUIT tank mix if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

STORAGE.

Store in a cool dry place.

Keep pesticide in original container.

Keep container closed when not in use.

Do not out concentrate or dilute into food_or drink containers.

Not for use or storage in or around the home.

For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-892-0099. PESTICIDE DISPOSAL

Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Do not reuse container. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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Walnut Creek, CA 94596-8025

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