

JAN 16 1997

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;
 General Editing and Format Changes
 Resource Herbicide
 EPA Registration No. 59639-82
 Your Submissions Dated August 19 and October 3, 1996

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 statement "Probable mucosal damage may contraindicate the use of gastric lavage. May pose an aspiration pneumonia hazard" to the Note to Physicians in the Statement of Practical Treatment.
- 2) In order to be consistent with the Beacon label for use on field corn, make the following revisions in the restrictions for the recommended tank mixes with Beacon (Table C6) and with Beacon and Accent (Table C7):
 - a) Revise the grazing and foraging restriction to no less than 30 days after application.
 - b) Add a pre-harvest interval of at least 60 days.
- 3) In order to be consistent with the Exceed label for use on field corn, make the following revisions in the restrictions for the recommended tank mix with Exceed (Table C11):
 - a) Revise the grazing and foraging restriction to no less than 30 days after application.
 - b) Add a statement to restrict harvest of silage for at least 40 days after application.
 - c) Add a pre-harvest interval of at least 60 days.

DK: 305-7546: FHB/PM23

		CONCURRENCES					
SYMBOL ▶	7505C						
SURNAME ▶	DKENNY						
DATE ▶	1/16/97						

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)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

3/35



ACCEPTED
with COMMENTS
In EPA Letter Dated

JAN 16 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
59639-82

RESOURCE[®] HERBICIDE

Active Ingredient	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)	10.1%
Inert Ingredients*	89.9%

* Contains aromatic petroleum distillates.
 * Contains 0.86 pounds flumiclorac pentyl ester per gallon.
 * 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

EPA REC'D
10/3/96

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: 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 restricted-entry 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 \geq 14 mils, chemical-resistant footwear plus socks, and protective eyewear.

GENERAL INFORMATION

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

RESOURCE is a selective herbicide for postemergence control of susceptible broadleaf weeds in soybeans and field corn. RESOURCE Herbicide can be used on field corn grown for commercial seed production. However, do not apply RESOURCE Herbicide 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 lbs. 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 is applied as a stand-alone treatment and for most recommended tank mixes; see Tables S1 through S 11 and Tables C1 through C11 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 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 10 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 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.

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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 C11 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 C11 (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.

Addition of a spray grade ammonium sulfate to the spray mixture along with either crop oil concentrate, methylated seed oil or surfactant may further enhance weed control with RESOURCE applications (ammonium sulfate at 2.0-2.5 lbs./A).

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 Herbicide 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 Herbicide 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

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

Adjuvant: RESOURCE must be applied with 1 pt./A of crop oil concentrate or methylated seed oil. The addition of a spray grade ammonium sulfate at 2.0 to 2.5 lbs./A may enhance weed control.

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

Adjuvant: RESOURCE must be applied with 1 qt./A of crop oil concentrate or methylated seed oil. The addition of a spray grade ammonium sulfate at 2.0-2.5 lbs./A may 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 Herbicide in tank mix combinations applied either as a broadcast or as a drop-nozzle application are indicated in Tables C2 through C11. 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 Herbicide 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.

RESOURCE Herbicide should not be tank mixed with TOUGH[®] Herbicide due to severe antagonism.

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

Ground Application: Apply in a minimum of 10 gallons water per acre and a spray pressure of 35 to 40 PSI measured at the nozzle. For best results use a minimum of 15 to 20 gallons water per acre and a spray pressure of 40 PSI measured at the nozzle if weed populations are moderate to heavy and/or weeds are approaching maximum controllable size and/or the crop canopy is dense.

Recommended Mixing Order: Thoroughly disperse the atrazine in water, add RESOURCE, add crop oil concentrate or methylated seed oil and then add ammonium sulfate.

Table C2.
RESOURCE Herbicide & atrazine Tank Mix - Field Corn - Rates and Time of Application

Product	Product Rate	Weeds Controlled	Leaf Stage
RESOURCE plus atrazine (90 DF) or (80 WP) or (4 L) or (5 L)	4 fl. oz./A plus 0.6 - 1.2 lb./A or 0.7 - 1.4 lb./A or 16 - 32 fl. oz./A or 13 - 26 fl. oz./A	Burcucumber Velvetleaf Refer to atrazine labels for additional weeds claimed. RESOURCE may enhance the activity of atrazine under some conditions.	2 to 4 (up to 10" run) up to 6
<p>Adjuvant: Broadcast application: RESOURCE plus atrazine tank mix must be applied with 1 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 ammonium sulfate at 2.0-2.5 lbs./A may be added to enhance weed control for either method of application.</p>			

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.

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

Ground Application: Apply in a minimum of 10 gallons water per acre and a spray pressure of 40 PSI measured at the nozzle. For best results, use a minimum of 15 to 20 gallons water per acre if weed populations are moderate to heavy and/or weeds are approaching maximum controllable size and/or the crop canopy is dense.

Recommended Mixing Order: Thoroughly disperse ACCENT in water, add crop oil concentrate or methylated seed oil, add RESOURCE, and then add ammonium sulfate.

**Table C3.
RESOURCE Herbicide & ACCENT Herbicide Tank Mix - Field Corn - Rates and Time of Application**

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

Adjuvant: Broadcast application: RESOURCE plus ACCENT tank mix must be applied with 1 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 ammonium sulfate at 2.0-2.5 lbs./A may be added to enhance weed control for either method of application.

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.
5. 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 BANVEL® HERBICIDE
FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN**

Ground Application: Apply in a minimum of 20 gallons water per acre and a spray pressure of 20 PSI measured at the nozzle.
Recommended Mixing Order: Thoroughly mix BANVEL in water and then add RESOURCE.

**Table C4.
RESOURCE Herbicide & BANVEL Herbicide Tank Mix - Field Corn - Rates and Time of Application**

Product	Product Rate	Weeds Controlled	Leaf Stage
RESOURCE plus BANVEL (4 L)	4 fl. oz./A plus 1/2 pt./A	Common Ragweed Smooth Pigweed Velvetleaf Refer to BANVEL label for additional weeds claimed. RESOURCE may enhance the activity of BANVEL under some conditions.	up to 2 up to 3 up to 6

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.
5. 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 2,4-D HERBICIDE
FOR CONTROL OF BROADLEAF WEEDS IN FIELD CORN**

Ground Application: Apply in a minimum of 20 gallons water per acre and a spray pressure of 20 PSI measured at the nozzle.

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

**Table C5.
RESOURCE Herbicide & 2,4-D Herbicide Tank Mix - Field Corn - Rates and Time of Application**

Product	Product Rate	Weeds Controlled	Leaf Stage
RESOURCE plus 2,4-D (L V Ester) or (Amine)	4 fl. oz./A plus 0.25 lb. ai/A or 0.25 - 0.5 lb. ai/A	Common Ragweed Smooth Pigweed Velvetleaf Refer to 2,4-D labels for additional weeds claimed. RESOURCE may enhance the activity of 2,4-D under some conditions.	up to 2 up to 3 up to 6

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 gallons) 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 8-10 days after application to prevent stalk breakage due to temporary brittleness caused by 2,4-D.

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

Ground Application: Apply a minimum of 10 gallons water per acre and at a spray pressure of 35 to 40 PSI measured at the nozzle. For best results use a minimum of 15 to 20 gallons water per acre and a spray pressure of 40 PSI measured at the nozzle if weed populations are moderate to heavy and/or weeds are approaching maximum controllable size and/or the crop canopy is dense.

Recommended Mixing Order: Thoroughly disperse the BEACON in water, add RESOURCE and then add adjuvant(s).

**Table C6.
RESOURCE herbicide plus BEACON ACCU-PAK herbicide Tank-Mix - Field Corn - Rates and Time of Application**

Product	Product Rate	Broadleaf Weeds Controlled	Leaf Stage or Inches	
			Beacon .38 oz./A	Beacon .76 oz./A
RESOURCE (.86 EC) plus BEACON ACCU-PAK (75 WDG)	4 fl. oz./A plus .38 oz./A (4 acres/packet) to .76 oz./A (2 acres/packet)	Common Cocklebur Common Ragweed Velvetleaf Refer to BEACON label for additional weeds claimed. RESOURCE may enhance the activity of BEACON under some conditions.	1-4 inches 2-6 inches up to 6	1-4 inches 2-9 inches up to 6

Adjuvant: Broadcast application: RESOURCE plus BEACON tank mix must be applied with 1 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 ammonium sulfate at 2-4 lbs./A may be added to enhance weed control for either method of application.

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.
3. 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 graze animals on green forage or use as feed less than 28 days after RESOURCE application.
7. Do not apply to field corn varieties which are susceptible to BEACON.

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

Ground Application: Apply in a minimum of 10 gallons water per acre and at a spray pressure of 35 to 40 PSI measured at the nozzle. For best results, use a minimum of 15 to 20 gallons water per acre and a spray pressure of 40 PSI measured at the nozzle if weed populations are moderate to heavy and/or weeds are approaching maximum controllable size and/or the crop canopy is dense.

Recommended Mixing Order: Thoroughly disperse the BEACON in water, disperse the ACCENT, add RESOURCE and then add adjuvant(s).

Table C7. RESOURCE Herbicide plus BEACON Herbicide Accu-Pak plus ACCENT SP Herbicide Tank-mix - Field Corn - Rates and Time of Application

Product	Product Rate	Broadleaf Weeds Controlled	Leaf Stage
RESOURCE (.86 EC) plus BEACON Accu-Pak (75 DF) plus ACCENT SP Herbicide (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 BEACON AND ACCENT labels for additional weeds claimed. RESOURCE may enhance the activity of BEACON plus ACCENT under some conditions.	up to 6 inch runners up to 3 up to 4 up to 2 up to 4 up to 3 up to 6
<p>Adjuvant: Broadcast application: The RESOURCE plus BEACON plus ACCENT tank mix must be applied with 1 pt./A crop oil concentrate, or methylated seed oil, or .25% v/v of an agricultural approved non-ionic surfactant. Drop nozzle application: The RESOURCE plus BEACON plus ACCENT tank mix should be applied with 1 qt./A crop oil concentrate or methylated seed oil. A spray grade ammonium sulfate at 2-4 lbs./A may be added to enhance weed control for either method of application.</p>			

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.
2. Carefully read and observe all restrictions, precautions, and conditions on the ACCENT and BEACON labels.
3. 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 graze animals on green forage or use as feed less than 28 days after RESOURCE application.
7. Do not apply to field corn varieties which are susceptible to BEACON or ACCENT.
8. Refer to the BEACON and ACCENT labels for rotational crop information.

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

Ground Application: Apply in a minimum of 10 gallons water per acre and a spray pressure of 30 PSI measured at the nozzle. For best results use a minimum of 15 to 20 gallons water per acre if weed populations are moderate to heavy and/or weeds are approaching maximum controllable size and/or the crop canopy is dense.

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

Table C8. RESOURCE herbicide plus Marksman herbicide Tank-mix - Field Corn - Rates and time of Application

Product	Product Rate	Weeds Controlled	Leaf Stage
RESOURCE (.86 EC) plus MARKSMAN (3.2 FL)	4 fl. oz./A plus 2.0 - 3.5 pts./A	Common Cocklebur Common Lambsquarters Common Ragweed Pigweeds Redroot Smooth Velvetleaf Refer to MARKSMAN label for additional weeds claimed. RESOURCE may enhance the activity of MARKSMAN under some conditions.	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 + Marksman tank mix.

- Use Restrictions for RESOURCE Herbicide plus MARKSMAN 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. 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 or 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.

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

Ground Application: Apply in a minimum of 10 gallons water per acre and a spray pressure of 40 PSI measured at the nozzle. For best results, use a minimum of 15 to 20 gallons water per acre if weed populations are moderate to heavy and/or weeds are approaching maximum controllable size and/or the crop canopy is dense.

Recommended Mixing Order: Thoroughly disperse the ACCENT in water, add atrazine, add crop oil concentrate or methylated seed oil, and then add RESOURCE.

Table C9. RESOURCE herbicide plus atrazine plus ACCENT herbicide Tank-Mix - Field Corn - Rates and Time of Application

Product	Product Rate	Broadleaf Weeds Controlled	Leaf Stage
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)	4 fl. oz./A plus 0.6-1.2 lb./A or 0.7-1.4 lb./A or 16-32 fl. oz./A or 13-26 fl. oz./A plus 0.66-1.0 oz./A	Burcucumber Common Cocklebur Common Lambsquarters Common Ragweed Jimsonweed Morningglory Ivyleaf Pitted Tail Pigweeds Redroot Smooth Velvetleaf Refer to atrazine and ACCENT labels for additional weeds claimed. RESOURCE may enhance the activity of atrazine plus ACCENT under some conditions.	up to 10 inch runners up to 4 up to 2 up to 2 up to 2 up to 2 up to 2 up to 2 up to 3 up to 3 up to 6

Adjuvant: Broadcast application: The RESOURCE plus atrazine plus ACCENT tank mix must be applied with 1 pt./A of crop oil concentrate or methylated seed oil. Drop nozzle application: The RESOURCE + atrazine + ACCENT tank mix should be applied with 1 qt./A crop oil concentrate or methylated seed oil. A spray grade ammonium sulfate at 2-4 lbs./A may be added to enhance weed control for either method of application.

Use Restrictions for RESOURCE Herbicide plus atrazine 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.
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 application.

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

Ground Application: Apply in a minimum of 10 gallons water per acre and a spray pressure of 30 PSI measured at the nozzle. For best results use a minimum of 15 to 20 gallons water per acre if weed populations are moderate to heavy and/or weeds are approaching maximum controllable size and/or the crop canopy is dense.

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 Rate	Broadleaf Weeds Controlled	Leaf Stage
RESOURCE (.86 EC) plus CLARITY Herbicide (4 L)	4 fl. oz./A plus 8 fl. oz./A	Common Ragweed Smooth Pigweed Velvetleaf Refer to CLARITY label for additional weeds claimed. RESOURCE may enhance the activity of CLARITY under some conditions.	up to 2 up to 3 up to 5
Adjuvant: Broadcast and Drop nozzle applications: The RESOURCE plus CLARITY tank mix may be applied with non-ionic surfactant at .25% v/v (1 qt./100 gallons).			

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 in a minimum of 10 gallons water per acre and a spray pressure of 40 PSI measured at the nozzle. For best results, use a minimum of 20 gallons water per acre if weed populations are moderate to heavy and/or weeds are approaching maximum controllable size and/or the crop canopy is dense.

Recommended Mixing Order: Thoroughly disperse the EXCEED in water, add RESOURCE, add crop oil concentrate or methylated seed oil and then add ammonium sulfate.

**Table C11.
RESOURCE herbicide plus EXCEED Tank-mix - Field Corn - Rates and Time of Application**

Product	Product Rate	Weeds Controlled	Leaf Stage
RESOURCE (.86 EC) plus EXCEED (57 DG)	4 fl. oz./A plus 1 oz./A or 1 pack/4 acres	Velvetleaf Refer to EXCEED label for additional weeds claimed. RESOURCE may enhance the activity of EXCEED under some conditions.	up to 6

Adjuvant: Broadcast application: The RESOURCE plus EXCEED tank-mix must be applied with 1 pt./A crop oil concentrate or methylated seed oil. Drop nozzle application: The RESOURCE plus EXCEED tank mix should be applied with 1 qt./A crop oil concentrate or methylated seed oil. A spray grade ammonium sulfate at 2 lb/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 graze animals on green forage or use as feed less than 28 days after an application of RESOURCE.
7. If an insecticide was used, refer to the EXCEED label for precautions regarding possible interactions.
8. Refer to the EXCEED label for all corn variety or hybrid precautions.

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 11 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 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 S11 (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 qt./A or ammonium sulfate at approximately 2.0-2.5 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 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	Application Rate:		
		4 fl. oz./A	6 fl. oz./A	8 fl. oz./A
		Leaf Stage	Leaf Stage	Leaf Stage
	1 qt./A			
Common Ragweed		--	up to 4	up to 6
Jimsonweed		--	--	3 to 4
Palmer Amaranth		--	up to 4	up to 4
Pigweeds				
Prostrate		--	up to 3	up to 6
Smooth		--	up to 3	up to 4
Prickly Sida		--	up to 3	up to 4
Velvetleaf		up to 6	up to 8	up to 10
Weeds Suppressed				
Common Cocklebur		--	--	1 to 3
Common Lambsquarters		--	2 to 3	2 to 3
Common Ragweed		up to 2	--	--
Pigweed				
Redroot		--	--	up to 2
Smooth		up to 3	--	--
Prickly Sida		up to 2	--	--
Spotted Spurge		--	--	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 fertilizer solution (28-32% N) at 1-2 qt./A or spray grade ammonium sulfate at 2.0-2.5 lb./A may be added to enhance weed control.				
LATE CONTROL OF TALL VELVETLEAF				
	Crop Oil Concentrate Rate	Application Rate:		
		8 fl.oz./A	12 fl. oz./A	
	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 fertilizer solution (28-32% N) at 1-2 qt./A or spray grade ammonium sulfate at 2.0-2.5 lb./A may be added to enhance weed control.				

Use Restrictions for RESOURCE Herbicide Applied to Soybeans:

1. 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.

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

Ground Application: Apply in a minimum of 10 gallons water per acre and a spray pressure of 40-60 PSI measured at the nozzle. For best results, use a minimum of 15 to 20 gallons water per acre 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 the crop canopy is dense.

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

Table S2.
RESOURCE herbicide and SELECT herbicide tank mix - Soybeans - Rates and Time of Application

PRODUCT	PRODUCT RATE	WEEDS CONTROLLED
RESOURCE (.86 EC) plus SELECT (2 EC)	4 - 12 fl. oz./A plus 6 - 8 fl. oz./A 8 - 16 fl. oz./A	Refer to Resource label for broadleaf weeds controlled at specific rates. Annual grasses, refer to Select label for grass weeds controlled. Perennial grasses, refer to Select label for grass weeds controlled.
<p>Adjuvant: The Resource + Select tank mix must be applied with 1 qt./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.</p>		

Use Restrictions for RESOURCE herbicide plus SELECT 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 label.
3. Do not apply the RESOURCE plus SELECT 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 if rain is expected within one hour of application; otherwise unsatisfactory weed control may result.

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

Ground Application: Apply in a minimum of 10 gallons water per acre and a spray pressure of 40-60 PSI measured at the nozzle. For best results, use a minimum of 15-20 gallons water per acre 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 the crop canopy is dense.

Recommended Mixing Order: Thoroughly disperse COBRA in water, add RESOURCE herbicide, add crop oil concentrate or methylated seed oil and then add nitrogen fertilizer solution.

Table S3. RESOURCE Herbicide & COBRA Herbicide Tank Mix - Soybeans - Rates and Time of Application

Product	Product Rate	Broadleaf Weeds Controlled	Leaf Stage		
			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 Note: Increased phytotoxicity (crop burn) may occur when Cobra is used at 8-10 fl. oz./A	Black Nightshade	up to 3	up to 4	up to 6
		Common Cocklebur	up to 2	up to 4	up to 4
		Pigweeds			
		Palmer Amaranth	up to 6	up to 6	up to 6
		Redroot	up to 6	up to 6	up to 6
		Smooth	up to 3	up to 3	up to 6
		Prostrate	--	--	up to 6
		Spiny Amaranth	--	--	up to 6
		Prickly Sida (Teaweed)	--	--	up to 4
		Velvetleaf	up to 6	up to 6	up to 6
		Waterhemp			
		Common	up to 4	up to 4	up to 4
		Tall	up to 4	up to 4	up to 4
		Jimsonweed	up to 4	up to 6	up to 6
		Ragweeds			
		Common	up to 4	up to 6	up to 6
		Giant	up to 2	up to 4	up to 6
		Copperleaf			
		Hophornbeam	--	up to 4	up to 4
		Virginia	--	up to 4	up to 4
Spotted Spurge	--	--	up to 4		
Broadleaf Weeds Suppressed					
Common Lambsquarters			up to 2	up to 2	up to 2
Annual Morningglories			up to 3	up to 3	up to 4
Hemp Sesbania			up to 2	up to 4	up to 6
Burdock			-	-	up to 4
Pennsylvania Smartweed			-	-	up to 4
RESOURCE may enhance the activity of COBRA under some conditions.					

Adjuvant: The RESOURCE plus COBRA 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.

Select 2EC herbicide may be added to the RESOURCE plus COBRA tank mix at 6 to 8 fl. oz./A for control of annual grasses. Use the high rate under heavy grass pressure and/or when grasses are approaching maximum controllable height. A second application of SELECT may be necessary in some situations. If SELECT is included in this tank mix, the SELECT should be added last, just prior to application. 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. Refer to the SELECT label for a list and growth stages of annual grasses controlled, precautions, restrictions, information on antagonism and other information. For control of perennial grasses, such as rhizome johnsongrass, it is recommended that SELECT be used as a sequential application at least 1 day before or 7 days after the RESOURCE plus COBRA tank mix. Refer to the SELECT label for perennial grasses controlled, growth stages, rates and adjuvants recommended.

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

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

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

Ground Application: Apply in a minimum of 10 gallons water per acre and a spray pressure of 40-60 PSI measured at the nozzle. For best results use a minimum of 15-20 gallons water per acre 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 the crop canopy is dense.

Recommended Mixing Order: Thoroughly disperse PURSUIT in water, add RESOURCE, add crop oil concentrate or methylated seed oil and then add nitrogen fertilizer solution.

**Table S4.
RESOURCE Herbicide & PURSUIT Herbicide Tank Mix - Soybeans - Rates and Time of Application**

Product	Product Rate	Weeds Controlled	Leaf Stage
RESOURCE plus PURSUIT (2L) or PURSUIT (70 DG)	4 fl. oz./A plus 4 fl. oz./A or 1.44 oz./A	Common Lambsquarters* Pigweeds Redroot Smooth Velvetleaf Refer to PURSUIT label for additional weeds claimed. RESOURCE may enhance the activity of PURSUIT under some conditions.	1 to 4 up to 8 up to 8 up to 6
Adjuvant: RESOURCE plus PURSUIT tank mix must be applied with 1 qt./A crop oil concentrate or methylated seed oil plus 1 to 2 qt./A of a spray grade nitrogen based liquid fertilizer such as 28-32% N or 2.0-2.5 lbs./A of a spray grade ammonium sulfate.			

Select 2EC herbicide may be added to the RESOURCE plus PURSUIT tank mix at 6 to 8 fl. oz./A for control of annual grasses. Use the high rate under heavy grass pressure and/or when grasses are approaching maximum controllable height. A second application of SELECT may be necessary in some situations. If SELECT is included in this tank mix, the SELECT should be added last, just prior to application. 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 must be added to this tank mix. The spray grade fertilizer does not replace the requirement for crop oil concentrate or methylated seed oil. Refer to the SELECT label for a list and growth stages of annual grasses controlled, precautions, restrictions, information on antagonism and other information. For control of perennial grasses, such as rhizome johnsongrass, it is recommended that SELECT be used as a sequential application at least 1 day before or 7 days after the RESOURCE plus PURSUIT tank mix. Refer to the SELECT label for perennial grasses controlled growth stages, rates and adjuvants recommended.

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.

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

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

Ground Application: Apply in a minimum of 20 to 30 gallons water per acre and a spray pressure of 40 to 60 PSI measured at the nozzle. For best results use a minimum 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 the crop canopy is dense

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

Table S5. RESOURCE Herbicide & BASAGRAN Herbicide Tank Mix - Soybeans - Rates and Time of Application

Product	Product Rate	Broadleaf Weeds Controlled	Leaf Stage	
			Basagran 16oz./A	Basagran 24 oz./A
RESOURCE (.86 EC) plus BASAGRAN (4 L)	4 fl. oz./A plus 16 to 24 fl.oz./A	CommonCocklebur Common Lambsquarters Jimsonweed Pennsylvania Smartweed Yellow Nutsedge Velvetleaf Wild Sunflower Refer to BASAGRAN label for additional weeds claimed. RESOURCE may enhance the activity of BASAGRAN under some conditions.	2 to 4 up to 4 up to 4 up to 4 - up to 8 up to 2	2 to 6 up to 6 up to 6 up to 6 up to 6 inch up to 8 up to 4
<p>Adjuvant: The RESOURCE plus BASAGRAN tank-mix must be applied with 1 to 2 pt./A crop oil concentrate or methylated seed oil. To enhance weed control, 1 to 2 qt./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 pt./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.</p>				

Select 2EC herbicide may be added to the RESOURCE plus BASAGRAN tank mix at 8 to 10 fl. oz./A for control of annual grasses. Use the high rate under heavy grass pressure and/or when grasses are approaching maximum controllable height. A second application of SELECT may be necessary in some situations. If SELECT is included in this tank mix, the SELECT should be added last, just prior to application. 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. Refer to the SELECT label for a list and growth stages of annual grasses controlled, precautions, restrictions, information on antagonism and other information. For control of perennial grasses, such as rhizome johnsongrass, it is recommended that SELECT be used as a sequential application at least 1 day before or 7 days after the RESOURCE plus BASAGRAN tank mix. Refer to the SELECT label for perennial grasses controlled, growth stages, rates and adjuvants recommended.

Use Restrictions for RESOURCE Herbicide plus BASAGRAN 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 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 4 hours of application; otherwise unsatisfactory weed control may result.

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

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

Ground Application: Apply in a minimum of 10 gallons water per acre and a spray pressure of 40-60 PSI measured at the nozzle. For best results, use a minimum of 15-20 gallons water per acre 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 the crop canopy is dense.

Recommended Mixing Order: The recommended order of mixing is to thoroughly disperse CLASSIC in water, add RESOURCE, add crop oil concentrate and then add nitrogen fertilizer solution.

Table S6.
RESOURCE Herbicide & CLASSIC Herbicide Tank Mix - Soybeans - Rates and Time of Application

Product	Product Rate	Weeds Controlled	Leaf Stage
RESOURCE plus CLASSIC (25 DG)	4 fl. oz./A plus 1/2 - 3/4 oz./A	Common Cocklebur Pigweed Redroot Pennsylvania Smartweed Velvetleaf Refer to CLASSIC label for additional weeds claimed. RESOURCE may enhance the activity of CLASSIC under some conditions.	2 to 6 up to 3 1 to 2 up to 6

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 1-2 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.

Select 2EC herbicide may be added to the RESOURCE plus CLASSIC tank mix at 8 to 10 fl. oz./A for control of annual grasses. Use the high rate under heavy grass pressure and/or when grasses are approaching maximum controllable height. A second application of SELECT may be necessary in some situations. If SELECT is included in this tank mix, the SELECT should be added last, just prior to application. 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. Refer to the SELECT label for a list and growth stages of annual grasses controlled, precautions, restrictions, information on antagonism and other information. For control of perennial grasses, such as rhizome johnsongrass, it is recommended that SELECT be used as a sequential application at least 1 day before or 7 days after the RESOURCE plus CLASSIC tank mix. Refer to the SELECT label for perennial grasses controlled, growth stages, rates and adjuvants recommended.

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 rotational guidelines.

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

Ground Application: Apply in a minimum of 20 to 30 gallons water per acre and a spray pressure of 40 PSI measured at the nozzle.

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 S7. RESOURCE Herbicide & SCEPTER Herbicide Tank Mix - Soybeans - Rates and Time of Application

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

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 gallons) 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.
2. 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.
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 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 REFLEX® HERBICIDE
FOR CONTROL OF BROADLEAF WEEDS IN SOYBEANS**

Ground Application: Apply in a minimum of 10 gallons water per acre and a spray pressure of 40 to 60 PSI measured at the nozzle. For best results, use a minimum of 15-20 gallons water per acre and a spray pressure of 50-60 PSI measured at the nozzle if weed populations are moderate to heavy and/or weeds are approaching maximum controllable size and/or the crop canopy is dense.

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

**Table S8.
RESOURCE Herbicide and REFLEX Herbicide Tank Mix - Soybeans - Rates and Time of Application**

Product	Product Rate	Broadleaf Weeds Controlled	Leaf Stage
RESOURCE (.86 EC) plus REFLEX (2 L)	4 fl. oz./A plus 16 fl oz./A	Common Ragweed Smooth Pigweed Velvetleaf Refer to REFLEX label for additional weeds claimed. RESOURCE may enhance the activity of REFLEX under some conditions.	up to 2 up to 3 up to 6
<p>Adjuvant: The RESOURCE plus REFLEX tank-mix must be applied with 1 qt./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.</p>			

Select 2EC herbicide may be added to the RESOURCE plus REFLEX tank mix at 6 to 8 fl. oz./A for control of annual grasses. Use the high rate under heavy grass pressure and/or when grasses are approaching maximum controllable height. A second application of SELECT may be necessary in some situations. If SELECT is included in this tank mix, the SELECT should be added last, just prior to application. A spray grade nitrogen fertilizer solution (28-32% N) at 1 to 2 qts./A or spray grade ammonium sulfate at 2.0 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. Refer to the SELECT label for a list and growth stages of annual grasses controlled, precautions, restrictions, information on antagonism and other information. For control of perennial grasses, such as rhizome johnsongrass, it is recommended that SELECT be used as a sequential application at least 1 day before or 7 days after the RESOURCE plus REFLEX tank mix. Refer to the SELECT label for perennial grasses controlled, growth stages, rates and adjuvants recommended.

Use Restrictions for RESOURCE Herbicide plus REFLEX 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 REFLEX label. NOTE: The REFLEX label contains regional use restrictions including regions where application is prohibited and maximum seasonal application rates for various regions.
3. Do not apply the RESOURCE plus REFLEX tank-mix within 80 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.
5. Only crop oil concentrates or methylated seed oils cleared for use on growing crops under 40 CFR 180.1001 may be used in RESOURCE/REFLEX tank-mixes.
6. RESOURCE/REFLEX tank-mix requires a four hour rain free period. Do not apply if rain is threatening.
7. Apply to actively growing weeds. Do not apply to weeds which are under drought stress, including cold temperature such as when maximum day temperature is below 70°F., or when soil temperature is below 60°F., as reduced weed control may result.
8. Avoid applying RESOURCE/REFLEX herbicide tank mix to soybeans which have been under stress from drought, hail damage, flooding or herbicide damage.
9. Avoid overlapping spray swaths, as injury may occur to rotational crops.
10. Avoid drift to all other crops and non-target areas. Crops other than soybeans may be severely

injured by drift.

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

Rotational Crop Restrictions

Crop To Be Planted	Minimum Rotational Interval (Months After last REFLEX Application)
Small grains such as wheat, barley, rye	4
Corn, cotton, peanuts, rice	10
Sunflowers, sugarbeets, sorghum, or any other crop within	18

- 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.

This label contains directions for use which do not appear on the package labels of RESOURCE Herbicide or REFLEX Herbicide. Follow instructions carefully.

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

Ground Application: Apply in 20-30 gallons water per acre and a spray pressure of 40-60 PSI measured at the nozzle. For best results use a spray pressure of 50-60 PSI measured at the nozzle if weed populations are moderate to heavy and/or weeds are approaching maximum controllable size and/or the crop canopy is dense.

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

Table S9.

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

Product	Product Rate	Broadleaf Weeds Controlled	Leaf Stage
RESOURCE (.86 EC) plus GALAXY (3.67 L)	4 fl. oz./A plus 24 fl. oz./A to 32 fl. oz./A	Common Cocklebur	up to 4
		Common Lambsquarters	up to 4
		Common Ragweed	up to 4
		Pennsylvania Smartweed	up to 4
		Pigweeds	
		Redroot	up to 4
		Smooth	up to 4
		Prickly Sida	up to 4
		Velvetleaf	up to 6
		Refer to GALAXY label for additional weeds claimed.	
RESOURCE may enhance the activity of GALAXY under some conditions.			

Adjuvant: The RESOURCE plus GALAXY tank-mix must be applied with 1 pt./A crop oil concentrate or methylated seed oil. A spray grade nitrogen fertilizer solution (28 - 32%) at 1-2 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.

Select 2EC herbicide may be added to the RESOURCE plus GALAXY tank mix at 8 to 10 fl. oz./A for control of annual grasses. Use the high rate under heavy grass pressure and/or when grasses are approaching maximum controllable height. A second application of SELECT may be necessary in some situations. If SELECT is included in this tank mix, the SELECT should be added last, just prior to application. A spray grade nitrogen fertilizer solution (28-32% N) at 1 to 2 qts./A or spray grade ammonium sulfate at 2.0 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. Refer to the SELECT label for a list and growth stages of annual grasses controlled, precautions, restrictions, information on antagonism and other information. For control of perennial grasses, such as rhizome johnsongrass, it is recommended that SELECT be used as a sequential application at least 1 day before or 7 days after the RESOURCE plus GALAXY tank mix. Refer to the SELECT label for perennial grasses controlled, growth stages, rates and adjuvants recommended.

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.

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

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

Ground Application: Apply in 20 to 30 gallons water per acre and a spray pressure of 40-60 PSI measured at the nozzle. For best results use a spray pressure of 50 to 60 PSI measured at the nozzle if weed populations are moderate to heavy and/or weeds are approaching maximum controllable size and/or the crop canopy is dense.

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

**Table S10.
RESOURCE Herbicide plus STORM Herbicide Tank-Mix - Soybeans - Rates and Time of Application**

Product	Product Rate	Broadleaf Weeds Controlled	Leaf Stage
RESOURCE plus STORM (4 S)	4 fl. oz./A plus 24 fl. oz./A	Black Nightshade Common Lambsquarters* Pennsylvania Smartweed Prickly Sida Ragweed Common Giant Velvetleaf Refer to STORM label for additional weeds claimed. RESOURCE may enhance the activity of STORM under some conditions.	up to 4 up to 4 up to 6 up to 3 up to 6 up to 4 up to 6

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

Use Restrictions for RESOURCE Herbicide plus STORM 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 STORM label.
3. Do not apply the RESOURCE plus STORM 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 STORM tank-mix if rain is expected within 4 hours after application; otherwise unsatisfactory weed control may result.

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

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

Ground Application: Apply in 10-25 gallons water per acre and spray pressure of 40-60 PSI measured at the nozzle. For best results, apply in 15 to 20 gallons water per acre and a spray pressure of 50-60 PSI measured at the nozzle if weed populations are moderate to heavy and/or weeds are approaching maximum controllable size and/or the crop canopy is dense.

Recommended Mixing Order: Thoroughly disperse PINNACLE in water, add RESOURCE, add crop oil concentrate or methylated seed oil, and then add nitrogen fertilizer solution.

**Table S11.
Resource Herbicide and Pinnacle Herbicide - Tank Mix - Soybeans - Rates and Time of Application**

Product	Product Rate	Broadleaf Weeds Controlled	Weed Size	
			Pinnacle* .125 oz./A	Pinnacle** .25 oz./A
RESOURCE (.86 EC) plus PINNACLE (25 DF)	4 fl. oz./A plus .125 - .25 oz./A	Common Lambsquarters Pennsylvania Smartweed Pigweeds Redroot Smooth Velvetleaf Refer to PINNACLE label for additional weeds claimed. RESOURCE may enhance the activity of PINNACLE under some conditions.	2 to 3 inches 2 to 3 inches 2 to 8 inches 2 to 4 inches 2 to 4 inches	2 to 4 inches 2 to 4 inches 2 to 12 inches 2 to 8 inches 2 to 6 inches

*Adjuvant: The 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 qt./A.
**Adjuvant: The 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 qts./A

Select 2EC herbicide may be added to the RESOURCE plus PINNACLE at 0.125 oz./A tank mix at 6 to 8 fl. oz./A for control of annual grasses. Use the high rate under heavy grass pressure and/or when grasses are approaching maximum controllable height. A second application of SELECT may be necessary in some situations. If SELECT is included in this tank mix, the SELECT should be added last, just prior to application. A spray grade nitrogen fertilizer solution (28-32% N) at 1 to 2 qts./A or spray grade ammonium sulfate at 2.0 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. Refer to the SELECT label for a list and growth stages of annual grasses controlled, precautions, restrictions, information on antagonism and other information. For control of perennial grasses, such as rhizome johnsongrass, it is recommended that SELECT be used as a sequential application at least 1 day before or 7 days after the RESOURCE plus PINNACLE tank mix. Refer to the SELECT label for perennial grasses controlled, growth stages, rates and adjuvants recommended.

Use Restrictions for RESOURCE Herbicide plus PINNACLE 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 restrictions, precautions, and conditions on the PINNACLE label.
3. Do not apply the RESOURCE plus PINNACLE 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 PINNACLE tank-mix if rain is expected within 1 hour of application; otherwise unsatisfactory weed control may result.
6. Do not use Dash® HC spray adjuvant.

PINNACLE SEQUENTIAL TREATMENTS

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

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

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.

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 put 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.

IMPORTANT INFORMATION. READ BEFORE USING PRODUCT.

LIMITED WARRANTY: 1. Valent U.S.A. Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. Valent does not make nor authorizes any agent or representative to make any other warranty, guarantee, or representation, express or implied, concerning this product. Specifically: **NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.**

2. Critical and unforeseeable factors beyond Valent's control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, lack of complete control over the handling and application of this product, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit under average conditions for the uses stated on the labeling and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Valent under 1 above) resulting from handling, storage, and use of this product.

3. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product.

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