

## Valent U.S.A. Corporation

**Resource<sup>®</sup>**

## 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%
Other Ingredients	89.9%

Contains aromatic petroleum distillates.

Contains 0.86 pounds flumiclorac pentyl ester per gallon.

U.S. Patent No. 4,770,695

EPA Reg. No. 59639-82

**KEEP OUT OF REACH OF CHILDREN****WARNING/AVISO**

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.)

**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.

**FIRST AID**

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Call a poison control center or doctor for treatment advice.

**If on skin** Take off contaminated clothing.

**or clothing:** Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice.

**If swallowed:** Immediately call a poison control center or doctor.

Do not induce vomiting unless told to do so by a poison control center or doctor.

Do not give **any** liquid to the person.

Do not give anything by mouth to an unconscious person.

**If inhaled:** Move person to fresh air.

If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

Call a poison control center or doctor for further treatment advice.

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact **1-800-892-0099** for emergency medical treatment information.

**NOTE TO PHYSICIAN**

If ingested, probably mucosal damage may contraindicate the use of gastric lavage. Ingestion of this product or subsequent vomiting can result in aspiration of light hydrocarbon liquid, which can cause pneumonitis.

**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 AND HANG TAG. 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.

**DISCLAIMER, RISKS OF USING THIS PRODUCT, LIMITED WARRANTY AND LIMITATION OF LIABILITY**

**IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.**

**RISKS OF USING THIS PRODUCT**

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These 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 of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application (or a combination of such factors) all of which are factors beyond the control of Valent.

The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, **THEN THIS PRODUCT SHOULD NOT BE APPLIED.** By applying this product Buyer acknowledges and accepts these inherent unintended risks AND AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer 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 only 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 as described above. EXCEPT AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. 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 limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. THE EXCLUSIVE REMEDY OF THE 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.

**PROMPT NOTICE OF CLAIM**

Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made. If Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

**NO AMENDMENTS**

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability, which may not be modified by any oral or written agreement.

**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.

**GENERAL INFORMATION**

RESOURCE Herbicide is a selective herbicide for postemergence control of susceptible broadleaf weeds in field corn and soybeans.

**GENERAL RESTRICTIONS AND LIMITATIONS**

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

Do not make more than two applications per acre per season.

Do not apply by air.

**ENVIRONMENTAL CONDITIONS AND BIOLOGICAL PERFORMANCE**

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, disease or low humidity. Weeds under stress tend to become less susceptible to herbicidal action. RESOURCE is most effective when applied under sunny conditions at temperatures above 70°F.

**RAINFASTNESS**

RESOURCE is rainfast one hour after application. Applications should not be made if rain is expected within one hour of application or efficacy may be reduced.

**CARRIER VOLUME AND SPRAY PRESSURE**

Use RESOURCE on a broadcast basis in a minimum of 15 gals. of water per acre and a spray pressure of 35 to 60 PSI measured at the spray nozzle. If weed populations are moderate to heavy and/or weeds are approaching maximum label size and/or crop canopy is dense, use a minimum of 20 GPA of water and a spray pressure of 40 to 50 PSI. Nozzle selection should meet manufacturer's gallonage and pressure recommendation for postemergence herbicide application.

**ADDITIVES**

Control of weeds by RESOURCE requires the addition of an agronomically approved adjuvant to the spray mixture. Either a crop oil concentrate or methylated seed oil, which contains at least 15% emulsifiers and 80% oil, may be used when applying RESOURCE. Certain tank mixes require the use of a non-ionic surfactant. Non-ionic surfactant must contain at least 80% active ingredient and must be EPA approved for use on food crops. 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 to 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 non-ionic surfactant to enhance weed control. The addition of a nitrogen source does not replace the need for crop oil concentrate, methylated seed oil, or non-ionic surfactant.

**JAR TEST TO DETERMINE COMPATIBILITY OF ADJUVANTS AND RESOURCE**

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A jar test should be performed before mixing commercial quantities of RESOURCE when using RESOURCE for the first time, when using new adjuvants, or when a new water source is being used.

1. Add 1 pt. of the water to a quart jar. The water should be from the same source and temperature as will be used in the spray tank mixing operation.
2. Add 1 ml of RESOURCE to the quart jar, gently mix until product dissipates.
3. Add 6 ml (1 tsp.) of the crop oil concentrate or methylated seed oil to the quart jar, gently mix. If a non-ionic surfactant is being used in a tank mix, add 2.5 ml (0.3 tsp.) of the non-ionic surfactant in place of the oil.
4. If nitrogen is being used, add 16 ml (1 tbsp. or 0.5 oz.) of the 28 to 32% nitrogen source to the quart jar. If ammonium sulfate is being used, add 19 gms AMS to the quart jar in place of the 28 to 32% nitrogen. Ammonium sulfate should be added to the jar before the RESOURCE in step 2.
5. Place cap in jar, invert 10 times, let stand for 15 minutes, evaluate.
6. An ideal tank mix combination will be uniform and free of suspended particles. If any of the following conditions are observed the choice of adjuvant should be questioned:
  - a) Layer of oil or globules on the mixture's surface.
  - b) Flocculation: fine particles in suspension or as a layer on the bottom of the jar.
  - c) Clabbering: Thickening texture (coagulated) like gelatin.

**MIXING INSTRUCTIONS**

1. Fill spray tank with water  $\frac{1}{3}$  to  $\frac{1}{2}$  of desired level with clean water.
2. While agitating, add the required amount of RESOURCE. Agitation should create a rippling or rolling action on the water surface. If tank mixing RESOURCE with other labeled pesticides, add water soluble bags first, followed by dry formulations, flowables, emulsifiable concentrates, and then solutions. Prepare no more spray mixture than is required for the immediate spray operation.
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 pesticides.
5. Fill spray tank to desired level with water. Agitation should continue until spray solution has been applied.
6. Mix only the amount of spray solution that can be applied the day of mixing. RESOURCE will remain active in the spray solution for 12 hours.

**APPLICATION EQUIPMENT**

Application equipment should be clean and in good repair. Nozzles should be uniformly spaced on boom and frequently checked for accuracy. Ground speed should not exceed 10 mph to provide proper spray coverage. Boom height, ground speed, and pressure recommendations, should not exceed those recommended by the spray nozzle manufacturer for the type and size of nozzle being used. Improper use of the selected spray nozzle will adversely affect the spray pattern, prevent proper coverage of weed leaf surface, and reduce weed control. Refer to the manufacturer's spray chart for nozzle selection and operating information. Special attention should be given to preparing and operating the spray equipment to assure proper coverage of weed foliage.

**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. Spray nozzles should be centered at a maximum of 20 inch spacing to provide adequate coverage.

**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.

**APPLICATION AND CULTIVATION**

Do not cultivate prior to or during application. Do not generate excessive dust while spraying. Excessively dusty conditions may interfere with the coverage of the weed leaf surface by the spray solution. A timely cultivation approximately one week after application will assist in weed control.

**SEQUENTIAL APPLICATIONS**

A sequential application of RESOURCE can be made after a minimum of 14 days have passed following the first application of RESOURCE to control new flushes of susceptible weeds in field corn and soybeans.

**CROP FAILURE**

If the crop treated with RESOURCE is lost due to a catastrophe, such as hail or other forms of inclement weather, refer to crop Rotational Restrictions below.

**ROTATIONAL RESTRICTIONS**

1. Do not rotate to crops other than soybeans or field corn within 30 days after last RESOURCE Herbicide application.
2. Do not rotate to small grains for at least 120 days after last application of RESOURCE Herbicide.

**DIRECTIONS FOR BURNDOWN USE IN FIELD CORN AND SOYBEANS**

RESOURCE, at 2 to 4 fl. oz. per acre, can be tank mixed with glyphosate or sulfosate containing products to increase speed of activity when used as part of a burndown program prior to planting field corn or soybeans.

Refer to glyphosate or sulfosate containing product's label for specific use instructions. Use only with glyphosate/sulfosate products which are labeled for burndown use.

**DIRECTIONS FOR USE IN FIELD CORN**

**Do not use RESOURCE on popcorn or sweet corn.**

**USE RESTRICTIONS FOR RESOURCE APPLIED TO FIELD CORN**

Do not apply RESOURCE to field corn before the 2 leaf or after the 10 leaf stage.

Do not apply more than 6 fl. oz./A of RESOURCE in a single broadcast application or more than a total of 8 fl. oz./A to field corn during a single growing season.

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.

Do not graze animals on green forage or use as feed less than 28 days after RESOURCE application.

**GENERAL INFORMATION**

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.

**TIMING TO FIELD CORN**

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. A temporary crop response may be observed following a postemergence broadcast application of RESOURCE. Corn quickly outgrows all initial herbicide effects. When RESOURCE is used as directed, corn yields will not be adversely affected.

**TIMING TO WEEDS**

Identify weed species as early as possible. Recommended rates, weed species and maximum weed heights for effective control with RESOURCE as a stand-alone broadcast or drop-nozzle application are indicated in Table 1. Recommended tank mixes are listed in Table 2.

**DROP-NOZZLE APPLICATIONS**

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. Do not apply RESOURCE directly into the corn whorl when making a post directed application.

**Table 1. RESOURCE Rates and Weed Sizes for Broadcast and Drop-Nozzle Application in Field Corn**

BROADCAST APPLICATION RATES AND TIMING				
Common Name	Scientific Name	Application Rates/Leaf Stage		
		4 fl. oz./A	6 fl. oz./A	8 fl. oz./A
<b>Weeds Controlled</b>				
Common Ragweed	<i>Ambrosia artemisiifolia</i>	-	up to 3	
Smooth Pigweed	<i>Amaranthus hybridus</i>	-	up to 3	
Velvetleaf	<i>Abutilon theophrasti</i>	up to 5	up to 6	
<b>Crop Oil Concentrate Rate: 1 pt./A</b>				
<b>Weeds Suppressed</b>				
Common Lambsquarters	<i>Chenopodium album</i>	-	up to 3	
Common Ragweed	<i>Ambrosia artemisiifolia</i>	up to 2	up to 4	
Palmer Amaranth	<i>Amaranthus palmeri</i>	-	up to 4	
Smooth Pigweed	<i>Amaranthus hybridus</i>	up to 3	up to 4	
<b>Crop Oil Concentrate Rate: 1 pt./A</b>				

**Adjuvant:** RESOURCE must be applied with 1 pt./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 to 32% nitrogen solution at 1 to 2 qts./A) may be added to enhance weed control.

**DROP-NOZZLE APPLICATION RATES AND TIMING**

Common Name	Scientific Name	Application Rates/Leaf Stage		
		4 fl. oz./A	6 fl. oz./A	8 fl. oz./A
<b>Weeds Controlled</b>				
Common Ragweed	<i>Ambrosia artemisiifolia</i>	-	up to 4	up to 6
Jimsonweed	<i>Datura stramonium</i>	-	-	up to 4
<b>Pigweeds</b>				
Prostrate	<i>Amaranthus blitoides</i>	-	up to 3	up to 6
Smooth	<i>Amaranthus hybridus</i>	-	up to 3	up to 4
Prickly Sida	<i>Sida spinosa</i>	-	up to 3	up to 4

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**DROP-NOZZLE APPLICATION RATES AND TIMING**

Common Name	Scientific Name	Application Rates/Leaf Stage		
		4 fl. oz./A	6 fl. oz./A	8 fl. oz./A
Velvetleaf <sup>(1)</sup>	<i>Abutilon theophrasti</i>	up to 6	up to 8	up to 10
<b>Crop Oil Concentrate Rate: 1 qt./A</b>				
<b>Weeds Suppressed</b>				
Common Cocklebur	<i>Xanthium strumarium</i>	-	-	up to 3
Common Lambsquarters	<i>Chenopodium album</i>	-	up to 3	up to 3
<b>Pigweeds</b>				
Palmer Amaranth	<i>Amaranthus palmeri</i>	-	up to 4	up to 4
Redroot	<i>Amaranthus retroflexus</i>	-	-	up to 2
Spotted Spurge	<i>Euphorbia macculata</i>	-	-	up to 2
<b>Crop Oil Concentrate Rate: 1 qt./A</b>				

**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 to 32% nitrogen solution at 1 to 2 qts./A) may be added to enhance weed control.

(1) The addition of a spray grade nitrogen fertilizer is recommended for velvetleaf control.

**APPLICATION INFORMATION FOR TANK MIXES IN FIELD CORN**

Apply RESOURCE at 4 to 8 fl. oz./A to control the weeds listed in Table 1. To control additional weeds in field corn, RESOURCE may be tank mixed with approved herbicides. Approved tank mix herbicides are indicated in Table 2. 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/or weeds are under stress or when conditions do not favor active weed growth. For maximum control, weeds must receive thorough spray coverage.

Crop response from RESOURCE tank mix applications may be greater than that occurring 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.

**Always read and follow label directions for all tank mix products before using. The most restrictive labeling of any tank mix product must be followed. RESOURCE, when applied according to label use directions, will control the weeds listed in Table 1. This label makes no claims concerning control of other weed species.**

**Table 2. RESOURCE Tank Mix Combinations for Use in Field Corn**

2,4-D amine	CELEBRITY™	PERMIT®
2,4-D ester	CLARITY®	POAST®(3)
ACCENT®	EXCEED®	POAST PLUS®(3)
Atrazine	Glyphosate <sup>(4)</sup>	PURSUIT®(2)
BANVEL®	HORNET®	ROUNDUP®(4)
BASIS®	LADDOK®	ROUNDUP
BASIS GOLD®	LIBERTY®(1)	UltraMAX™(4)
BEACON®	LIGHTNING™(2)	SPIRIT®
Bromoxynil	MARKSMAN®	STINGER®
BUCTRIL®	NORTHSTAR™	

(1) Use only on varieties legally designated as "LIBERTY LINK®".

(2) Use only on varieties legally designated as "IMI-CORN®".

(3) Use only on varieties legally designated as "POAST PROTECTIVE™".

(4) Use only on varieties legally designated as "ROUNDUP READY®".

**ADDED VELVETLEAF CONTROL IN FIELD CORN TANK MIXES**

Tank mix RESOURCE at 4 fl. oz./A to any of the tank mix partners listed in Table 2 to control velvetleaf up to the 6 leaf stage. RESOURCE, at 2 fl. oz./A, may be added to the tank mix partners listed in Table 2 (with the exception of POAST, POAST PLUS and STINGER) to control velvetleaf up to the 4 leaf stage. RESOURCE may be added to any labeled two and three-way tank mix of products listed in Table 2 for enhanced velvetleaf control. Refer to tank mix partner's label for adjuvant recommendation.

**ROUNDUP READY PROGRAM IN FIELD CORN**

RESOURCE can be added to glyphosate containing products labeled for use in field corn for increased control of velvetleaf. Refer to Table 3 for product and rate recommendations.

**Table 3. RESOURCE Tank Mixes in ROUNDUP READY<sup>(1)</sup> Systems for Increased Velvetleaf Control<sup>(2)</sup>**

Product	Rates	RESOURCE Rates and Velvetleaf Size/Leaf Stage		
		2 fl. oz./A	3 fl. oz./A	4 fl. oz./A
Glyphosate	0.75 to 1.5 lbs. ai/A	6	7	8
ROUNDUP UltraMAX	20 to 40 fl. oz./A	6	7	8
ROUNDUP	1.5 to 3.0 pts./A	6	7	8

(1) Use only on corn varieties legally designated as "ROUNDUP READY".

(2) Use adjuvant recommended on glyphosate containing product's label.

**DIRECTIONS FOR USE IN SOYBEANS**

**USE RESTRICTIONS FOR RESOURCE APPLIED TO SOYBEANS**

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.

Do not apply RESOURCE if rain is expected within one hour of application; otherwise unsatisfactory weed control may result.

Do not graze treated fields or harvest for forage or hay.

Do not apply RESOURCE within 60 days of harvest.

**TIMING TO SOYBEANS**

RESOURCE may be applied to soybeans until 60 days prior to harvest. A temporary crop response may be observed following a postemergence broadcast application of RESOURCE. Soybean leaves that are open at the time of application may show some burn or spotting. Soybean quickly outgrows all initial herbicide effects. When RESOURCE is used as directed, soybean yields will not be adversely affected.

**TIMING TO WEEDS**

Identify weed species as early as possible. Recommended rates, weed species, and maximum weed heights for effective control with RESOURCE as a stand-alone broadcast application are indicated in Table 4. Recommended tank mixes are listed in Table 5.

**Table 4. RESOURCE Rates and Weed Sizes for Broadcast Application in Soybeans**

BROADLEAF WEED CONTROL		Application Rates		
Common Name	Scientific Name	Leaf Stage		
		4 fl. oz./A	6 fl. oz./A	8 fl. oz./A
<b>Weeds Controlled</b>				
Common Ragweed	<i>Ambrosia artemisiifolia</i>	-	up to 4	up to 6
Jimsonweed	<i>Datura stramonium</i>	-	-	up to 4
Pigweeds				
Prostrate	<i>Amaranthus blitoides</i>	-	up to 3	up to 6
Smooth	<i>Amaranthus hybridus</i>	-	up to 3	up to 4
Prickly Sida	<i>Sida spinosa</i>	-	up to 3	up to 4
Velvetleaf	<i>Abutilon theophrasti</i>	up to 6	up to 8	up to 10
<b>Crop Oil Concentrate Rate: 1 qt./A</b>				
<b>Weeds Suppressed</b>				
Common Cocklebur	<i>Xanthium strumarium</i>	-	-	up to 3
Common	<i>Chenopodium album</i>	-	up to 3	up to 3
Lambsquarters				
Pigweeds				
Palmer Amaranth	<i>Amaranthus palmeri</i>	-	up to 4	up to 4
Redroot	<i>Amaranthus retroflexus</i>	-	-	up to 2
Spotted Spurge	<i>Euphorbia macculata</i>	-	-	up to 2
<b>Crop Oil Concentrate Rate: 1 qt./A</b>				

**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 to 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	Application Rates	
		8 fl. oz./A	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 to 32% nitrogen solution at 1 to 2 qts./A) may be added to enhance weed control.

**APPLICATION INFORMATION FOR TANK MIXES IN SOYBEANS**

Apply RESOURCE at 4 to 12 fl. oz./A to control the weeds listed in Table 4. To control additional weeds in soybeans, RESOURCE may be tank mixed with approved herbicides. Approved tank mixes are indicated in Table 5. For best results, RESOURCE tank mix applications should be made to actively growing weeds.

Do not apply RESOURCE tank mixes during periods when soybeans and/or weeds are under stress or when conditions do not favor active weed growth. For maximum control, weeds must receive thorough spray coverage.

Crop response from RESOURCE tank mix applications may be greater than that occurring from RESOURCE applied alone. Crop response from RESOURCE is temporary and does not adversely effect crop yield when applied following label use directions.

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**Always read and follow label directions for all tank mix products before using. The most restrictive labeling of any tank mix product must be followed. RESOURCE, when applied according to label use directions, will control the weeds listed in Table 4. This label makes no claims concerning control of other weed species.**

**Table 5.**

**RESOURCE Tank Mix Combinations for Use in Soybeans**

ASSURE II®	FUSION®	RAPTOR®
BASAGRAN®	GALAXY®	RELIANCE®(2)
BLAZER®	Glyphosate(3)	REZULT®
CLASSIC®	HARMONY® GT	ROUNDUP UltraMAX(3)
COBRA®	LIBERTY(1)	ROUNDUP(3)
CONCLUDE® ULTRA	MANIFEST®	SCEPTER®
FIRSTRATE®	POAST	SELECT®
FLEXSTAR®	POAST PLUS	STORM®
FUSILADE® DX	PURSUIT	SYNCHRONY®(2)
		TOUCHDOWN® 5(3)

(1) Use only on varieties legally designated as "LIBERTY LINK".

(2) Use only on varieties legally designated as "STS®".

(3) Use only on varieties legally designated as "ROUNDUP READY".

**ADDED VELVETLEAF CONTROL IN SOYBEAN TANK MIXES**

Tank mix RESOURCE at 4 fl. oz./A to any of the tank mix partners listed in Table 5 to control velvetleaf up to the 6 leaf stage. RESOURCE, at 2 fl. oz./A, may be added to the tank mix partners listed in Table 5 (with the exception of ASSURE II, FUSILADE DX, FUSION, POAST, POAST PLUS and SELECT) to control velvetleaf up to the 4 leaf stage. RESOURCE may be added to any labeled two and three-way tank mix of products listed in Table 5 for enhanced velvetleaf control. Refer to tank mix partner's label for adjuvant recommendation.

**ROUNDUP READY PROGRAM IN SOYBEANS**

RESOURCE can be added to glyphosate or sulfosate containing products labeled for use in soybeans for increased control of velvetleaf and suppression of morningglories. Refer to Tables 6 and 7 for product and rate recommendations.

**Table 6.**

**RESOURCE Tank Mixes in ROUNDUP READY(1) Systems for Increased Velvetleaf Control(2)**

Product	Rates	RESOURCE Rates and Velvetleaf Size Leaf Stage		
		2 fl. oz./A	3 fl. oz./A	4 fl. oz./A
Glyphosate	0.75 to 1.5 lbs. ai/A	6	7	8
ROUNDUP UltraMAX	20 to 40 fl. oz./A	6	7	8
ROUNDUP	1.5 to 3.0 pts./A	6	7	8
TOUCHDOWN 5	1.6 to 2.0 pts./A	6	7	8

(1) Use only on soybeans legally designated as "ROUNDUP READY".

(2) Use adjuvant recommended on glyphosate/sulfosate containing product's label.

**Table 7.**

**RESOURCE Tank Mixes in ROUNDUP READY(1) Systems for Morningglory Suppression(2)**

Product	Rates	RESOURCE Rates and Weed Height		
		Tall Morning-glory	Entireleaf and Ivyleaf Morning-glories	Pitted Morning-glory
			2 fl. oz. to 4 fl. oz./A	
Glyphosate	0.75 to 1.5 lbs. ai/A	up to 6	up to 6	up to 4
ROUNDUP UltraMAX	20 to 40 fl. oz./A	up to 6	up to 6	up to 4
ROUNDUP	1.5 to 3.0 pts./A	up to 6	up to 6	up to 4
TOUCHDOWN 5	1.6 to 2.0 pts./A	up to 6	up to 6	up to 4

(1) Use only on soybeans legally designated as "ROUNDUP READY".

(2) Use adjuvant recommended on glyphosates/sulfosate containing product's label.

**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.

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**PESTICIDE DISPOSAL**

Wastes 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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ACCENT<sup>®</sup>, ASSURE II<sup>®</sup>, BASIS<sup>®</sup>, BASIS GOLD<sup>®</sup>, CLASSIC<sup>®</sup>, HARMONY<sup>®</sup>, GT, RELIANCE<sup>®</sup>, SYNCHRONY<sup>®</sup>, STS<sup>®</sup> - Reg. TMs of DuPont

BANVEL<sup>®</sup>, BLAZER<sup>®</sup>, CELEBRITY<sup>™</sup>, CLARITY<sup>®</sup>, CONCLUDE<sup>®</sup>, MANIFEST<sup>®</sup>, MARKSMAN<sup>®</sup>, POAST PROTECTIVE<sup>™</sup>, POAST PLUS<sup>®</sup>, REZULT<sup>®</sup> and STORM<sup>®</sup> - TMs and Reg. TMs of BASF Corporation

BASAGRAN<sup>®</sup>, GALAXY<sup>®</sup>, LADDOK<sup>®</sup>, POAST<sup>®</sup> - Reg. TMs of BASF AG

BEACON<sup>®</sup> and EXCEED<sup>®</sup> - Reg. TMS of Novartis

BUCTRIL<sup>®</sup> - Reg. TM of Rhone-Poulenc Ag Company

COBRA<sup>®</sup>, Products That Work, From People Who Care<sup>™</sup>, RESOURCE<sup>®</sup> and SELECT<sup>®</sup> - TM and Reg. TMs of Valent U.S.A. Corporation

FIRSTRATE<sup>®</sup>, HORNET<sup>®</sup> and STINGER<sup>®</sup> - Reg. TMS of Dow AgroSciences LLC

FLEXSTAR<sup>®</sup>, FUSILADE<sup>®</sup>, FUSION<sup>®</sup> and TOUCHDOWN<sup>®</sup> - Reg. TMs of Zeneca Ag Products

IMI-CORN<sup>®</sup> - Reg. TM of American Cyanamid Company LIBERTY<sup>®</sup>, LIBERTY LINK<sup>®</sup> - Reg. TMs of The Aventis Group

LIGHTNING<sup>™</sup>, PURSUIT<sup>®</sup>, RAPTOR<sup>®</sup> and SCEPTER<sup>®</sup> - TM and Reg. TMs of American Cyanamid Company

NORTHSTAR<sup>™</sup> and SPIRIT<sup>®</sup> - TM and Reg. TM of Novartis PERMIT<sup>®</sup>, ROUNDUP<sup>®</sup>, ROUNDUP READY<sup>®</sup> & ROUNDUP UltraMAX<sup>™</sup> - TM and Reg. TMs of Monsanto Company

SPIRIT<sup>®</sup> - Reg. TM of Novartis

Form 1105-L

Information contained in this booklet is accurate at the time of printing. Since product testing is a continuous process, please read and follow the directions on the product label for the most current directions and precautionary statements.

Always check with your state to verify state registration status.

**For state registration and/or supplemental labels, please call or visit us online.**

**You may also find them at [www.greenbook.net](http://www.greenbook.net) and [www.cdms.net](http://www.cdms.net).**

For more information call: 1-800-6-VALENT (682-5368)

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