

Container Label

GROUP	<b>6</b>	HERBICIDE
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**BASAGRAN® FORTE HERBICIDE  
LIQUID**

For selective post-emergence broadleaf weed control in soybeans, dry beans, peas, corn (grain, silage, sweet and seed), flax (excluding low linolenic acid varieties), sorghum and millet (grain and forage), fababeans, established red and alsike clover for seed production, and seedling and established alfalfa for seed, forage and hay production

**COMMERCIAL (AGRICULTURAL)**

**ACTIVE INGREDIENT:** Bentazon .....480 g/L

Warning, contains the allergen soy

Solution

**REGISTRATION NO.** 22006

**PEST CONTROL PRODUCTS ACT**

**IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY  
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT  
1-800-454-2673**



**POISON**

**DANGER – CORROSIVE TO EYES  
POTENTIAL SKIN SENSITIZER**

**NET CONTENTS:** 7 L – 5,000 L

**READ THE LABEL AND ATTACHED BROCHURE BEFORE USING  
SHAKE WELL BEFORE USE  
KEEP OUT OF REACH OF CHILDREN**

BASF Canada Inc.  
5025 Creekbank Road  
Building A, 2nd Floor  
Mississauga, Ontario L4W 0B6  
1-877-371-2273

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## PRECAUTIONS

- **KEEP OUT OF REACH OF CHILDREN.** Avoid contact with skin, eyes and clothing. Wash with soap and water after use.
- Wear protective equipment and clothing, including: goggles or face shield, respirator with a NIOSH-approved organic-vapour removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides, gloves (rubber, PVC, neoprene or nitrile), hat, long-sleeved shirt, trousers and rubber boots.
- 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.
- DO NOT enter or allow worker entry into treated areas for 12 hours following application.
- **CAUTION:** Except for alfalfa, do not graze the treated crops or cut for hay; sufficient data are not available to support such use.
- **DO NOT APPLY BY AIR.**

Please refer to the booklet for further precautions.

## ENVIRONMENTAL PRECAUTIONS

TOXIC to non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

## FIRST AID

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**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 centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

## **TOXICOLOGICAL INFORMATION**

Treat symptomatically.

## **STORAGE**

1. Store this product away from food or feed. Store in original, tightly closed container.
2. Do not ship or store near food, feed, seed and fertilizers.
3. Store in cool, dry, locked, well-ventilated area without floor drain.
4. Herbicides should be shipped or stored separately from other pesticides to avoid cross contamination.
5. Protect from freezing.

## **DISPOSAL**

### **For Recyclable Containers**

DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial/territorial requirements.

### **For Returnable Containers**

DO NOT reuse this container for any purpose. For disposal, this container may be returned to the point of purchase (distributor/dealer).

### **For Refillable Containers**

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. DO NOT reuse this container for any other purpose.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill, and for clean-up of spills.

## **NOTICE TO USER**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

Booklet

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**BASAGRAN® FORTE HERBICIDE**

**LIQUID**

For selective post-emergence broadleaf weed control in soybeans, dry beans, peas, corn (grain, silage, sweet and seed), flax (excluding low linolenic acid varieties), sorghum and millet (grain and forage), fababeans, established red and alsike clover for seed production, and seedling and established alfalfa for seed, forage and hay production

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## GENERAL INFORMATION

**BASAGRAN FORTE Herbicide** is a liquid herbicide for selective post-emergence control of many broadleaf weeds and yellow nutsedge in soybeans, dry beans, peas, corn (grain, silage, sweet and seed), flax (excluding low linolenic acid varieties), fababeans, forage and grain sorghum, forage and grain millet, established red and alsike clover for seed production, and seedling and established alfalfa for seed, forage and hay production. For enhanced broad spectrum weed control in soybeans only, **BASAGRAN FORTE Herbicide** can be tank mixed with a **nitrogen source** such as **28% UAN**, **PINNACLE®**, **PURSUIT®** or **BLAZER®**, depending upon target weeds.

**BASAGRAN FORTE Herbicide** does not control grasses.

**BASAGRAN FORTE Herbicide** is a herbicide with mainly contact action. Uptake into the plant occurs primarily through the leaves. Thorough coverage of foliage is important for consistent weed control. Failure to penetrate crop or weed leaf canopies with the spray will result in incomplete control of small weeds growing underneath.

Cool weather conditions or drought will delay herbicidal activity and if prolonged, may result in poor weed control. Use of **BASAGRAN FORTE Herbicide** in hot, humid weather may result in temporary leaf yellowing, leaf flecking, bronzing or burning particularly on peas and some varieties of dry common beans. The crop usually outgrows this condition within 10 days (see Restrictions and Limitations).

## SPRAYING INSTRUCTIONS

### Ground Application

Use sprayers equipped with standard flat fan pesticide nozzles with the recommended spray volume, pressure and additives. Tilt spray nozzles 45 degrees forward to ensure better coverage.

SPRAY VOLUME	SPRAY PRESSURE
Minimum 100 L/ha. Use larger water volumes (up to 300 L/ha) for weeds at the upper limit of their recommended stage for treatment.	Minimum 275 kPa. Use higher pressure (use up to 425 kPa) for weeds at the upper limit of their recommended stage for treatment.

**NOTE:** Use a minimum of 200 L/ha if crop canopy or heavy weed population interferes with thorough spray coverage, or under cool temperature.

## BASAGRAN FORTE HERBICIDE BANDING TECHNIQUES

1. Spray a minimum of 25 cm wide band.
2. Minimize the amount of dust striking target weeds to ensure adequate coverage and penetration.
3. **DO NOT** use cultivation equipment when spraying.

4. Adjust the **BASAGRAN FORTE Herbicide** rate to proportion of the total area to be sprayed.

## SPRAY DRIFT MANAGEMENT FOR GROUND APPLICATION

### Field Sprayer Application

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

### Spray Buffer Zones

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, rangelands, riparian areas and shrublands).

Method of Application	Crop	Spray buffer zone (metres) required for the protection of Terrestrial Habitat
Field sprayer	Sorghum and millet (grain and forage), red and alsike clover	1
	Soybeans, corn, dry beans, fababeans, peas, flax, alfalfa	2

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

## DIRECTIONS FOR USE

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

## Timing of Application

Although the timing of application should be primarily in relation to the stage of weed growth, the crop must be in a tolerant stage as shown in Table 1. The information on usual stage of crop for optimum weed control may also serve as a guide to spray timing. (Refer to Table 1 - Crop Application Timing.)

Early treatment of weeds with **BASAGRAN FORTE Herbicide** is important to maximize crop yield potential through elimination of early weed competition and permits better coverage of the weeds, thereby increasing the performance of **BASAGRAN FORTE Herbicide**.

Apply **BASAGRAN FORTE Herbicide** at the correct rate when broadleaf weeds are small and actively growing and before the weeds reach the maximum size recommended for treatment as listed in Tables 2, 3 and 4. **BASAGRAN FORTE Herbicide** should be applied when the main weed of concern is in the suggested growth stage for treatment.

Table 5 details the tank mix options available for soybeans and the relative maximum weed leaf stages or weed height in centimetres for effective control. For detailed information on specific tank mixes, refer to Tank Mix Sections for each tank mix partner.

**TABLE 1 - BASAGRAN FORTE HERBICIDE CROP APPLICATION TIMING**

CROP	TOLERANCE STAGE	USUAL STAGE OF CROP FOR OPTIMUM WEED CONTROL
Beans (dry common) <sup>1</sup> – <i>Phaseolus vulgaris</i> only	Tolerant after 1st trifoliolate leaf has fully expanded	1 to 3 trifoliolate leaves
Corn (grain, silage, sweet and seed)	Tolerant at any growth stage	1 to 5 leaf stage
Fababeans	Tolerant after 2 or 3 leaf stage or crop is 10 cm high	Soon after 3 leaf stage
Flax (excluding low linolenic acid varieties)	Tolerant when crop is 5 cm or higher	Soon after crop reaches 5 cm
Sorghum and millet (grain and forage) <sup>2</sup>		3 to 6 leaf stage before closure of crop canopy
Peas (field and processing)	Tolerant after 3 pairs of leaves (or 3 nodes) are present but prior to crop flowering	Soon after 3 pairs of leaves form
Soybeans	Tolerant at any growth stage	Unifoliolate to two expanded trifoliolate leaves usually 18 to 28 days after planting
Forage legumes (established, for seed production) <sup>2, 3</sup> o Red and alsike clover	Tolerant between 7.5 and 25 cm high	After crop is 7.5 cm and before crop canopy closes
Forage legumes (seedling and established for seed, forage and hay production) <sup>3, 4</sup> o Alfalfa	<u>Seeding alfalfa</u> : Tolerant after third trifoliolate stage  <u>Established alfalfa</u> : Tolerant before crop canopy closes, prior to flowering	

<sup>1</sup> Dry common bean varieties may vary in their tolerance to herbicides, including **BASAGRAN FORTE Herbicide**. Since not all dry common bean varieties have been tested for tolerance to **BASAGRAN FORTE Herbicide**, first use of **BASAGRAN FORTE Herbicide** should be limited to a small area of each variety to confirm tolerance prior to adoption as



a general field practice. Additionally, consult your seed supplier for information on the tolerance of specific varieties of dry common beans to **BASAGRAN FORTE Herbicide**.

<sup>2</sup> Apply one application/year only.

<sup>3</sup> Crop injury may occur under hot, humid conditions. Speed of recovery will be influenced by growing conditions and weed control.

<sup>4</sup> Some leaf scorch may appear but the effect is transient and will outgrow within 3-4 weeks.

**TABLE 2 - BASAGRAN FORTE HERBICIDE WEED APPLICATION TIMING**

TREATMENT	WEED SPECIES CONTROLLED	MAXIMUM LEAF STAGE
<b>BASAGRAN FORTE Herbicide</b> at 2.25 L/ha	Bird rape*	6-leaf
	Buttercup	6-leaf
	Chickweed (Common)	1-3 weeks after emergence
	Cleavers	1-3 whorls
	Cocklebur	10-leaf
	Corn spurry	<b>10 cm</b>
	Flower-of-an-hour	10-leaf
	Galinsoga (Hairy)	6-leaf
	Groundsel (Common)*	<b>10 cm</b>
	Jimsonweed	10-leaf
	Lady's-thumb (Smartweed)	10-leaf
	Lamb's-quarters*	8-leaf
	Low cudweed	6-leaf
	Mustard (Wild)	10-leaf
	Nightshade (Hairy)	6-leaf
	Pigweed (Redroot)* (suppression only)	4-leaf
	Purslane	6-leaf
	Radish (Wild)	6-leaf
	Ragweed (Common)*	6-leaf
	Ragweed (Giant)	4-leaf
	Shepherd's-purse	6-leaf
	Stinkweed	6-leaf
	Stork's bill	6-leaf
Thistle (Russian) (suppression only)	4-leaf	
Velvetleaf**	6-leaf	
Volunteer canola	8-leaf	

**TABLE 3 - BASAGRAN FORTE HERBICIDE WEED APPLICATION TIMING**

TREATMENT	WEED SPECIES CONTROLLED	MAXIMUM LEAF STAGE
<b>BASAGRAN FORTE Herbicide</b> at 1.75 L/ha	Bird rape*	6-leaf
	Cocklebur	6-leaf
	Flower-of-an-hour	6-leaf
	Lady's-thumb (Smartweed)	6-leaf
	Mustard (Wild)	6-leaf
	Shepherd's-purse	6-leaf
	Stinkweed	6-leaf
	Velvetleaf**	4-leaf
	Volunteer canola	8-leaf
<b>Perennial Weeds:</b> Repeat application 7 - 15 days after first treatment (if necessary)		
<b>BASAGRAN FORTE Herbicide</b> at 1.75 L/ha	Bindweed (Field)*** (suppression only)	<b>6 cm</b>
	Thistle (Canada)	<b>20 cm</b>
	Yellow nutsedge	<b>20 cm</b>

\* Triazine resistant strains of these weeds are controlled by **BASAGRAN FORTE Herbicide**.

\*\* **BASAGRAN FORTE Herbicide** will defoliate velvetleaf 4 leaf or larger, but regrowth may occur.

\*\*\* Treat field bindweed before it is dark green and has begun to trail.

**TABLE 4 – BASAGRAN FORTE HERBICIDE WEED APPLICATION TIMING FOR FIELD PEAS GROWN IN ALBERTA**

TREATMENT	WEED SPECIES CONTROLLED	MAXIMUM LEAF STAGE
<b>BASAGRAN FORTE Herbicide</b> at 1.25 L/ha*	Spiny annual sow-thistle (suppression only)	4-leaf
<b>BASAGRAN FORTE Herbicide</b> at 1 L/ha*	Volunteer canola (including all herbicide tolerant varieties)	4-leaf

\*Apply one application/year only.

**TABLE 5 - TANK MIX WEED APPLICATION TIMING (SOYBEANS ONLY)**

The following table details the tank mix options available and the relative maximum **weed leaf stage or weed height in centimetres** for application. For detailed information on specific tank mixes, refer to Tank Mix Sections for each tank mix partner.

<b>WEEDS (Leaf stages)</b>	<b>BASAGRAN FORTE Herbicide + PURSUIT + N Source***</b>	<b>BASAGRAN FORTE Herbicide + PURSUIT + N Source***</b>	<b>BASAGRAN FORTE Herbicide + BLAZER</b>	<b>BASAGRAN FORTE Herbicide + BLAZER</b>	<b>BASAGRAN FORTE Herbicide + PINNACLE</b>	<b>BASAGRAN FORTE Herbicide + PINNACLE</b>
<b>RATE</b>	<b>1.25 L/ha + 0.312 L/ha + 2 L/ha</b>	<b>1.75 L/ha + 0.312 L/ha + 2 L/ha</b>	<b>1.75 L/ha + 0.63 L/ha</b>	<b>1.25 L/ha + 1.25 L/ha</b>	<b>1.75 L/ha + 5.5 or 8.0 g/ha</b>	<b>2.25 L/ha + 5.5 or 8.0 g/ha</b>
Bindweed (Field) (Suppression)**		<b>6 cm</b>			<b>6 cm</b>	<b>6 cm</b>
Bird rape*		6 leaf	6 leaf		6 leaf	6 leaf
Buttercup						6 leaf
Chickweed (Common)						1-3 weeks after emergence
Cleavers						1-3 whorls
Cocklebur	4 leaf	6 leaf	6 leaf		6 leaf	10 leaf
Corn spurry						<b>10 cm</b>
Flower-of-an-hour		6 leaf	6 leaf		6 leaf	10 leaf
Galinsoga (Hairy)						6 leaf
Groundsel (Common)						<b>10 cm</b>
Jimsonweed						10 leaf
Lady's thumb (Smartweed)		6 leaf	8 leaf		6 leaf	10 leaf
Lamb's-quarters	6 leaf	6 leaf	6 leaf	6 leaf	8 leaf	8 leaf
Low cudweed						6 leaf
Mustard (Wild)	3 leaf	6 leaf	8 leaf		6 leaf	10 leaf
Nightshade (Eastern Black)	4 leaf	4 leaf	4 leaf			

<b>WEEDS (Leaf stages)</b>	<b>BASAGRAN FORTE Herbicide + PURSUIT + N Source***</b>	<b>BASAGRAN FORTE Herbicide + PURSUIT + N Source***</b>	<b>BASAGRAN FORTE Herbicide + BLAZER</b>	<b>BASAGRAN FORTE Herbicide + BLAZER</b>	<b>BASAGRAN FORTE Herbicide + PINNACLE</b>	<b>BASAGRAN FORTE Herbicide + PINNACLE</b>
<b>RATE</b>	<b>1.25 L/ha + 0.312 L/ha + 2 L/ha</b>	<b>1.75 L/ha + 0.312 L/ha +2 L/ha</b>	<b>1.75 L/ha + 0.63 L/ha</b>	<b>1.25 L/ha + 1.25 L/ha</b>	<b>1.75 L/ha + 5.5 or 8.0 g/ha</b>	<b>2.25 L/ha + 5.5 or 8.0 g/ha</b>
Pigweed (Redroot)*	12 leaf	12 leaf	8 leaf	8 leaf	6 leaf	6 leaf
Purslane						6 leaf
Radish (Wild)						6 leaf
Ragweed (Common)*	4 leaf	6 leaf	8 leaf	8 leaf		6 leaf
Ragweed (Giant)						4 leaf
Shepherd's-purse		6 leaf	6 leaf		6 leaf	6 leaf
Stinkweed		6 leaf	6 leaf			6 leaf
Thistle (Canada)**		<b>20 cm</b>			<b>20 cm</b>	<b>20 cm</b>
Thistle (Russian) (Suppression only)						4 leaf
Velvetleaf	8 leaf	8 leaf	4 leaf		4 leaf	6 leaf
Yellow nutsedge**		<b>20 cm</b>			<b>20 cm</b>	<b>20 cm</b>
<b>Annual grass Including:</b>						
Barnyard grass	6 leaf	6 leaf				
Foxtail (Green and yellow)	4 leaf	4 leaf				

\* Triazine resistant strains of these weeds are controlled by **BASAGRAN FORTE Herbicide**.

\*\* May require an additional application of the 1.75 L/ha rate of **BASAGRAN FORTE Herbicide** only for control.

\*\*\* Nitrogen sources include: 10-34-0, 28-0-0 or 32-0-0.

## TANK MIXTURES

Read and observe all label directions, including rates, restrictions and grazing limitations for each product in the tank mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

### NOTE TO USER- READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS:

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than BASF Canada Inc. under the User Requested Minor Use Label Expansion program. For these uses, BASF Canada Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

#### Dry Edible Beans (all types of the species *Phaseolus vulgaris*<sup>1</sup>)

**BASAGRAN® FORTE Herbicide** may be topped up with application of **VIPER ADV** as below for control of additional weeds.

Timing	Early post-emergence
Rate	0.36 L/ha of <b>BASAGRAN FORTE Herbicide</b> + 1.0 L/ha of <b>VIPER ADV</b> + 2 L/ha nitrogen source <sup>2</sup> (UAN 28%)
Water Volume	100 L/ha
Weeds Controlled	Broadleaf and grass weeds
Pre-harvest Interval	60 days
Remark	Application should be made after 1 <sup>st</sup> trifoliate leaf has fully expanded up to the 2 <sup>nd</sup> trifoliate leaf stage of the dry bean and after weeds have emerged. Apply when broadleaf weeds are from the cotyledon to 4-leaf stage and when grassy weeds are at the 1 to 4-true leaf or early tillering. Initial transient crop yellowing may be observed after application but this is outgrown and should not affect yield. DO NOT make more than one application per season.
Warning	Only the following dry bean types have been tested and demonstrate acceptable tolerance: Pinto, pink, red Mexican, cranberry, black, great northern and navy.

1 Dry common bean varieties may vary in their tolerance to herbicides, including to **VIPER ADV**. In particular, white (navy) beans are more susceptible to herbicide injury which can result in delayed maturity. Since not all dry common bean varieties have been tested for tolerance to **VIPER ADV**, first use of **VIPER ADV** should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice or consult your seed supplier or BASF Business Representative for more information.

2 Nitrogen source: A reduction in grass control can be observed without the addition of a nitrogen source (UAN 28%).

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**Seedling and Established Alfalfa for Seed, Forage and Hay**

For broad-spectrum weed control in alfalfa, **VIPER ADV** must be topped up with an application of **BASAGRAN® FORTE Herbicide** at a rate of 360 mL/ha as indicated below.

Timing	Early post-emergence
Rate	360 mL/ha of <b>BASAGRAN® FORTE Herbicide</b> + 1.0 L/ha of <b>VIPER ADV</b> + 2 L/ha nitrogen source <sup>1</sup> (UAN 28%) For top-growth control of Canada thistle, apply an application of <b>BASAGRAN® FORTE Herbicide</b> 7-15 days later at a rate of 1.75 L/ha.
Water Volume	100 L/ha
Weeds Controlled	Refer to the BROADLEAF WEED AND GRASS CONTROL section of this label for weeds controlled. The addition of 360 mL/ha of <b>BASAGRAN® FORTE Herbicide</b> to <b>VIPER ADV</b> will provide control of the following additional weeds:  Canada thistle (top-growth suppression)* Prostrate pigweed (suppression only) Spiny annual sow-thistle (suppression only) Stork's bill  *For top growth control, an application of <b>BASAGRAN® FORTE Herbicide</b> 7-15 days later at a rate of 1.75 L/ha is required.
Pre-harvest Interval	DO NOT graze treated alfalfa or cut for hay within 20 days of application.
Remark	Apply as an early post-emergence treatment when weeds are actively growing. Application should be made when broadleaf weeds are from the cotyledon to 4-leaf stage and when grassy weeds are at the 1 to 4-true leaf or early tillering. Crop must be in the tolerant stage as indicated below:  <b>Seedling alfalfa:</b> Tolerant after third trifoliate stage. For seedling alfalfa grown for seed, apply prior to bud formation.  <b>Established Alfalfa:</b> Tolerant before crop canopy closes, prior to flowering.  Crop injury may occur under hot, humid conditions. Speed of recovery will be influenced by growing conditions and weed control. Some leaf scorch may appear but the effect is transient and will outgrow within 3-4 weeks.

<sup>1</sup> A reduction in grass control can be observed without the addition of a nitrogen source (UAN 28%).

## BROADLEAF WEED AND GRASS CONTROL

**BASAGRAN FORTE + VIPER ADV** applied as an early post-emergence treatment on dry edible beans at a rate of 0.36 L/ha **BASAGRAN FORTE** + 1.0 L/ha **VIPER ADV** + 2 L/ha nitrogen source (UAN 28%) will provide control of the following weeds in addition to those listed above:

• Prostate pigweed*
• Spiny annual sowthistle*
• Storks bill

\* = suppression only

**ALL TANK MIXES ARE REGISTERED FOR USE IN SOYBEANS ONLY. USE OF THESE TANK MIXES IN CROPS OTHER THAN SOYBEANS MAY RESULT IN SIGNIFICANT INJURY OR LOSS OF CROP.**

### **BASAGRAN FORTE Herbicide + NITROGEN SOURCE**

**Benefit (over BASAGRAN FORTE Herbicide alone):**

**Improved control of velvetleaf and lamb's-quarters.**

#### **Rate:**

Add 6 L/ha ammonium sulphate or 10 L/ha 28% urea ammonium nitrate (UAN) to either the 2.25 L/ha or the 1.75 L/ha rate of **BASAGRAN FORTE Herbicide**.

#### **Notes:**

The addition of ammonium sulphate or 28% urea ammonium nitrate to **BASAGRAN FORTE Herbicide** will result in more consistent control of velvetleaf and lamb's-quarters, especially under cool conditions, heavy weed pressures or at the maximum growth stages indicated in the **BASAGRAN FORTE Herbicide** Weed Application Timing (Tables 2 and 3).

The addition of either form of nitrogen source to **BASAGRAN FORTE Herbicide** may cause slight leaf burn, but the new growth is normal and crop vigour is not reduced. A high quality source of 28% UAN or ammonium sulphate should be used to avoid solids or contaminants that may interfere with spray application (clogging nozzle tips) or reduced product performance. Do not use brass or aluminum nozzles when spraying **BASAGRAN FORTE Herbicide** plus a nitrogen source.

### **BASAGRAN FORTE HERBICIDE + PURSUIT + NITROGEN SOURCE (SOYBEANS ONLY)**

**Benefit (over BASAGRAN FORTE Herbicide alone):**

**Two modes of action providing postemergent contact and soil activity. Control of nightshade (Eastern black), redroot pigweed, annual grasses and improved control of lamb's-quarters.**

**Rate:**

**BASAGRAN FORTE Herbicide 1.25 L/ha or  
1.75 L/ha + PURSUIT 0.312 L/ha + Nitrogen Source 2 L/ha**

Add 0.312 L/ha of **PURSUIT** to 1.25 L/ha or 1.75 L/ha rate of **BASAGRAN FORTE Herbicide** + 2 L/ha of nitrogen source for control of nightshade (Eastern black), velvetleaf, common ragweed, redroot pigweed, barnyard grass, green and yellow foxtail, and improved control of lamb's-quarters.

When weeds are under stress due to environmental conditions, use the high rate of **BASAGRAN FORTE Herbicide** at 1.75 L/ha + **PURSUIT** at 0.312 L/ha + nitrogen source at 2 L/ha.

<b>WEED SPECIES CONTROLLED</b>		<b>MAXIMUM LEAF STAGE</b>
Lamb's quarters		6
Nightshade (Eastern black)		4
Pigweed (redroot)		12
Ragweed (common)	<b>Basagran Forte Herbicide 1.25 L/ha</b>	4
	<b>*Basagran Forte Herbicide 1.75 L/ha</b>	6
Velvetleaf		8
<b>Annual Grasses</b>		
Barnyard grass		6
Green foxtail		4
Yellow foxtail		4

For additional weeds controlled by the tank mix of **BASAGRAN FORTE Herbicide** and **PURSUIT**, consult Table 4 for maximum leaf stages or weed heights.

\* Use 1.75 L/ha rate of **BASAGRAN FORTE Herbicide** for control of additional weeds and later stages, as detailed in Table 4, including cocklebur, lady's thumb, and wild mustard.

Use 1.75 L/ha rate of **BASAGRAN FORTE Herbicide** for perennial weed control, including yellow nutsedge, Canada thistle and field bindweed (suppression only). A second application of **BASAGRAN FORTE Herbicide** alone at 1.75 L/ha may be required 7-15 days after initial treatment.

**Notes:**

Slight initial crop stunting may result when tank mixing with **PURSUIT** but will not result in yield reduction or delay in harvest.

When tank mixing **BASAGRAN FORTE Herbicide** with **PURSUIT**, a pre-harvest interval of 100 days should be maintained.

Always refer to **PURSUIT** label for rotational crop restrictions, first aid, precautions, warning and disposal of herbicide.



**BASAGRAN FORTE HERBICIDE + BLAZER**

**Benefit (over BASAGRAN FORTE Herbicide alone):**

Improved control of ragweed, redroot pigweed and nightshade.

**Rate:**

Add 1.25 L/ha **BLAZER** to 1.25 L/ha rate of **BASAGRAN FORTE Herbicide**.

**BLAZER** at 1.25 L/ha plus **BASAGRAN FORTE Herbicide** at 1.25 L/ha will control the weeds listed in Table 4 up to the specified leaf stage. Use this treatment where common ragweed and/or redroot pigweed are the dominant weed species present.

**OR**

Add 0.63 L/ha **BLAZER** to 1.75 L/ha rate of **BASAGRAN FORTE Herbicide**.

**BLAZER** at 0.63 L/ha plus **BASAGRAN FORTE Herbicide** at 1.75 L/ha will control the weeds listed in Table 4 up to the specified leaf stage. Use this treatment where lamb's-quarters and weeds other than common ragweed and redroot pigweed are the dominant weed species present.

**Note:**

Do not use **ASSIST Oil Concentrate** or other adjuvants with the **BLAZER** plus **BASAGRAN FORTE Herbicide** tank mixture.

**BASAGRAN FORTE HERBICIDE + PINNACLE (SOYBEANS ONLY)**

**Benefit (over BASAGRAN FORTE Herbicide alone):**

Control of redroot pigweed and improved control of lamb's-quarters.

**Rate:**

**BASAGRAN FORTE Herbicide 2.25 L/ha + PINNACLE 5.5 or 8.0 g/ha**  
**BASAGRAN FORTE Herbicide 1.75 L/ha + PINNACLE 5.5 or 8.0 g/ha**

Add **PINNACLE** at 5.5 or 8.0 g/ha to either the 2.25 L/ha or the 1.75 L/ha rate of **BASAGRAN FORTE Herbicide** for improved control of certain broadleaf weeds, including lamb's-quarters and redroot pigweed as well as all the weeds listed in the corresponding "**BASAGRAN FORTE Herbicide Weed Application Timing Tables 2 and 3**" for **BASAGRAN FORTE Herbicide** alone. The following table details the leaf stages where control of redroot pigweed and lamb's-quarters can be expected.

All weeds controlled by **BASAGRAN FORTE Herbicide** plus the following:

<b>WEEDS SPECIES CONTROLLED</b>	<b>MAXIMUM LEAF STAGE</b>
Redroot pigweed	6-leaf
+Lamb's-quarters	8-leaf
+Use 8.0 g/ha rate of <b>PINNACLE</b> for advanced leaf staging.	

- \* For control of common ragweed, use the 2.25 L/ha rate of **BASAGRAN FORTE Herbicide**.
- \* For additional weeds controlled by the tank mix of **BASAGRAN FORTE Herbicide** and **PINNACLE**, consult Table 4 for maximum weed leaf stages or weed heights.

**Notes:**

The addition of **PINNACLE** to **BASAGRAN FORTE Herbicide** provides excellent control of redroot pigweed and lamb's-quarters. However, even though redroot pigweed growth is rapidly stopped, typical symptoms of dying weeds may not be noticeable for 1 to 3 weeks after application, depending on growing conditions.

The combination of **BASAGRAN FORTE Herbicide** and **PINNACLE** does not provide residual weed control. Weeds that emerge after application will not be controlled.

Do not add nitrogen source or any other additive when tank mixing **BASAGRAN FORTE Herbicide** with **PINNACLE**.

Always refer to the **PINNACLE** label for use, precautions, sprayer cleanup, first aid, storage and disposal of **PINNACLE**.

For control of weeds present and/or control of later flushes of annual broadleaf weeds and/or annual grasses (see Tank Mix Directions), LIBERTY 200 SN Herbicide may be tank mixed with the following herbicide when used in Eastern Canada and British Columbia:

<b>CROP</b>	<b>TANK MIX PRODUCT</b>	<b>RATE</b>	<b>DIRECTIONS</b>
SOYBEAN	<b>BASAGRAN® FORTE Herbicide</b>	1.75 L/ha	Mix with the appropriate rate of LIBERTY 200 SN Herbicide for the targeted weed species. This tank mix will provide enhanced control of annual broadleaf weeds.

**MIXING**

1. Clean spray tank by following sprayer cleanup recommendations on the previous product label and fill half full with clean water. Start agitation or by-pass system.
2. When required add correct amount of Nitrogen source. **Note: Do not add nitrogen source when tank mixing BASAGRAN FORTE Herbicide with PINNACLE.**

3. If required, add the correct amount of **PINNACLE** or **PURSUIT**. **Note:** For use on soybeans only. Continuous agitation is required to keep **PINNACLE** or **PURSUIT** in suspension.

**Note:** When using the **BASAGRAN FORTE Herbicide + PINNACLE** tank mix, prepare a **PINNACLE/water slurry** in a separate container with clean water before adding to spray tank on repeat tank loads.

4. Add correct amount of **BASAGRAN FORTE Herbicide** and agitate 2 to 3 minutes.
5. Add remainder of water, agitate and spray.
6. If an oil film starts to build up in the tank, drain and clean tank with a strong detergent solution.
7. Thoroughly clean spray tank immediately after use. Refer to specific tank mix partner label for cleanup instructions.

## RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, **BASAGRAN FORTE Herbicide** is a Group 6 herbicide. Any weed population may contain or develop plants naturally resistant to **BASAGRAN FORTE Herbicide** and other Group 6 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of **BASAGRAN FORTE Herbicide** or other Group 6 herbicides within a growing season (sequence) or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
- Herbicide use should be based on an integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.

- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact BASF at 1-877-371-2273.

## RESTRICTIONS AND LIMITATIONS

1. **DO NOT** treat any crops not listed on this label.
2. **DO NOT** use **BASAGRAN FORTE Herbicide** with additives, pesticides or fertilizers not specifically recommended on this label.
3. **DO NOT** apply **BASAGRAN FORTE Herbicide** to any crops that have been subjected to stress from conditions such as hail damage, flooding, drought, hot, humid weather, widely fluctuating temperature conditions, prolonged cold weather or injury from prior herbicide applications, as crop injury may result.
4. Rainfall within 6 to 8 hours of application may reduce effectiveness of spray.
5. When **BASAGRAN FORTE Herbicide** is applied beyond recommended weed growth stages, limited to unsatisfactory weed control will result.
6. Cool weather conditions or drought will delay herbicide activity and if prolonged, may result in poor weed control.
7. Do not apply **BASAGRAN FORTE Herbicide** within 30 days of harvest for forage sorghum and forage millet, and within 100 days of harvest for grain sorghum and grain millet.
8. Do not apply **BASAGRAN FORTE Herbicide** within 36 days of harvest of red clover grown for seed production.
9. **DO NOT** graze treated alfalfa or cut for hay within 20 days of application.
10. **DO NOT APPLY BY AIR.**
11. Apply only to agricultural crops when the potential for drift to areas of human habitation and areas of human activity such as houses, cottages, schools and recreational area is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

## WARNING

1. **DO NOT** apply **BASAGRAN FORTE Herbicide** when weather conditions may cause spray drift from treated areas to adjacent crops.
2. Lentils, adzuki and mung beans, cucumbers, sugar beets and sunflowers can be injured by **BASAGRAN FORTE Herbicide**.

## ENVIRONMENTAL PRECAUTIONS

TOXIC to non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

## PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.** Avoid contact with skin, eyes and clothing. Wash with soap and water after use.
2. Harmful or fatal if swallowed or inhaled. Do not take internally.
3. Corrosive to the eye. Do not get in eyes.
4. Avoid inhalation of vapour, dust or spray mist and contact with eyes, skin or clothing. Potential skin sensitizer.
5. Wash thoroughly after handling and before eating, drinking or smoking.
6. Wear protective equipment and clothing, including: goggles or face shield, respirator with a NIOSH-approved organic-vapour removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides, gloves (rubber, PVC, neoprene or nitrile), hat, long-sleeved shirt, trousers and rubber boots.
7. If clothing becomes contaminated, remove and wash separately from household laundry before re-use.
8. 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.
9. DO NOT enter or allow worker entry into treated areas for 12 hours following application.
10. Clean spray equipment thoroughly after use. When tank mixing **BASAGRAN FORTE Herbicide** with another herbicide, refer to respective label for sprayer cleanup.
11. **CAUTION:** Except for alfalfa, do not graze the treated crops or cut for hay; sufficient data are not available to support such use.

## **FIRST AID**

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**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 centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

## **TOXICOLOGICAL INFORMATION**

Treat symptomatically.

## **STORAGE**

1. Store this product away from food or feed. Store in original, tightly closed container.
2. Do not ship or store near food, feed, seed and fertilizers.
3. Store in cool, dry, locked, well-ventilated area without floor drain.
4. Herbicides should be shipped or stored separately from other pesticides to avoid cross contamination.
5. Protect from freezing.

## **DISPOSAL**

### **For Recyclable Containers**

DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial/territorial requirements.

#### **For Returnable Containers**

DO NOT reuse this container for any purpose. For disposal, this container may be returned to the point of purchase (distributor/dealer).

#### **For Refillable Containers**

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. DO NOT reuse this container for any other purpose.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill, and for clean-up of spills.

#### **For Designated Refill Containers**

**Container Refilling and Disposal:** If this container is to be refilled, do not rinse with any material or introduce any pesticide other than **BASAGRAN FORTE Herbicide**. **DO NOT REUSE THIS CONTAINER FOR ANY OTHER PESTICIDE**. Reseal and return to any authorized BASF Refill Station. Before refilling, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices. Check for leaks after filling and before transportation. Do not refill or transport damaged or leaking containers.

#### **NOTICE TO USER**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

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