

2024-1293
2024-09-11

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| GROUP | 2 | HERBICIDE |
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FBN IMAZETH

COMMERCIAL (AGRICULTURAL)

SOLUTION

ACTIVE INGREDIENT: Imazethapyr.....240 g/L

REGISTRATION NO. 34809

PEST CONTROL PRODUCTS ACT

READ THE LABEL AND ATTACHED BROCHURE BEFORE USING

KEEP OUT OF REACH OF CHILDREN

For Emergency Medical Assistance (Human or Animal) contact Rocky Mountain Poison Control at 1-866-767-5041.
For Chemical Emergency Assistance (Spill, Leak, Fire or Accident) contact CHEMTREC at 1-800-424-9300 (North America) or 1-703-527-3887 (International).

NET CONTENTS: 1 L - Bulk

Farmer's Business Network Canada, Inc.
PO Box 5607
High River, Alberta
Canada T1V 1M7
1-844-200-FARM (3276)

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. **MAY BE HARMFUL** if swallowed, inhaled or absorbed through the skin.
3. **DO NOT** get in eyes. May cause eye damage.
4. May cause skin irritation. Avoid contact with skin and clothing.
5. **DO NOT** contaminate food or feed products.
6. Avoid breathing vapour or spray mist. Use with adequate ventilation.
7. **DO NOT** eat, drink or smoke when using.
8. Wash exposed areas of skin thoroughly after handling and before eating, drinking or smoking.
9. Wear long-sleeved shirt, long pants, dust and/or splash-proof goggles or face shield, and chemical resistant gloves during mixing, loading, application, clean-up and repair.
10. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.
11. Clean protective equipment (gloves, goggles, face shield) upon removal with soapy water.
12. Clean spray equipment thoroughly after use.
13. Do not enter or allow entry into treated areas during the restricted-entry interval of 12 hours.

DO NOT APPLY BY AIR

ENVIRONMENTAL PRECAUTIONS

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

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

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 the leftover product in original tightly closed container.
2. Keep product from freezing. DO NOT store below 0°C. If the product is exposed to temperatures below 0°C during shipment or storage, make sure the product has thawed completely, and shake the container vigorously.
3. DO NOT ship or store the product near food, feed, seed and fertilizers.
4. Store the product in cool, dry, locked, well-ventilated areas without floor drain.

DISPOSAL

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 requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial 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.

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5. **DO NOT** contaminate food or feed products.
6. Avoid breathing vapour or spray mist. Use with adequate ventilation.
7. **DO NOT** eat, drink or smoke when using.
8. Wash exposed areas of skin thoroughly after handling and before eating, drinking or smoking.
9. Wear long-sleeved shirt, long pants, dust and/or splash-proof goggles or face shield, and chemical resistant gloves during mixing, loading, application, clean-up and repair.
10. If clothing becomes contaminated, remove and wash separately from household laundry before reuse. Wash in detergent and hot water before reuse. Wear freshly laundered clothes daily. Take a shower IMMEDIATELY after work.
11. Clean protective equipment (gloves, goggles, face shield) upon removal with soapy water.
12. Clean spray equipment thoroughly after use.
13. Do not enter or allow entry into treated areas during the restricted-entry interval of 12 hours.

DO NOT APPLY BY AIR

ENVIRONMENTAL PRECAUTIONS

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

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

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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.

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3. DO NOT ship or store the product near food, feed, seed and fertilizers.
4. Store the product in cool, dry, locked, well-ventilated areas without floor drain

DISPOSAL

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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 requirements.

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

DIRECTIONS FOR USE

GENERAL INFORMATION

FBN Imazeth is a selective herbicide that can be applied as an early pre-plant, pre-plant incorporated, pre-emergent or post-emergent treatment in various crops. The application method depends upon the crop, anticipated weed spectrum and the preference of the applicator. With early pre-plant and pre-emergent treatments, susceptible weeds emerge, are present as stunted plants and then die. When FBN Imazeth is applied post-emergence, absorption may

occur through both the roots and foliage. Susceptible weeds stop growing and eventually die.

Use FBN Imazeth at 312 mL (75 g active) – 420 mL (100 g active) per hectare. For post-emergent application to glyphosate tolerant soybeans, 210 mL (50 g active) – 312 mL (75 g active) per hectare may be applied in tank mix with glyphosate. See appropriate rate tables for specific application rates for each crop.

TANK MIXING

This product may be tank mixed with a fertilizer, a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact Farmer's Business Network Canada, Inc. at 1-844-200-FARM (3276) for information before applying any tank mix that is not specifically recommended on this label.

REGISTERED CROPS

FBN Imazeth is registered for use as an early post-emergence in the following crops:

Adzuki Beans
Alfalfa (newly seeded purestand for forage or seed production)
Alfalfa Grown for Seed Production
Chickling Vetch (seed production only)
Dry Beans (pinto, pink, red)
Dry Common Beans of the species *Phaseolus vulgaris*^{1, 2}
Field Peas
Imazethapyr Tolerant Corn* (CLEARFIELD Brands)
Lima Beans (Ontario only)
Processing Peas
Snap Beans
Snow Peas
Soybeans

¹ Dry common bean varieties may vary in their tolerance to herbicides, including FBN Imazeth. Since not all dry common bean varieties have been tested for tolerance to FBN Imazeth, first use of FBN Imazeth 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 FBN Imazeth.

² Including, but not limited to: kidney, cranberry, yellow eye, Dutch brown, black and white beans.

REGISTERED SOIL ZONES

FBN Imazeth is registered in the black and grey wooded soil zones of the Prairie Provinces. **FBN Imazeth** is not registered for use in the brown and dark brown soil zones with the exception of dry beans and alfalfa (newly seeded purestand for forage and seed production) under irrigation.

REGISTERED CROPS

FBN Imazeth is registered for use as an early post-emergence in in the following crops:

| Crop | Use Rate (mL/ha) | Water Volume (L/ha) |
|--|------------------|---------------------|
| Alfalfa (newly seeded purestand for forage or seed production) | 210 | 100-400 |
| Alfalfa (established for seed production) | 210 | 100-400 |
| Chickling vetch (seed production only) | 210 | 100-400 |
| Dry beans (pinto, pink, red) | 210 | 100-400 |
| Field peas | 210 | 100-400 |
| Soybeans (Manitoba only) | 210 | 100-400 |

For all applications, a non-ionic surfactant containing at least 80% active ingredient (e.g., Agral® 90, Agsurf®) at the rate of 0.25% (v/v) must be added to the spray solution (e.g., 2.5 L of surfactant per 1000 L of spray solution).

WEEDS CONTROLLED

EARLY POST-EMERGENCE WEED CONTROL (up to and including the 4 leaf stage)

| Weeds | Application Timing | |
|------------------------|--------------------|---|
| | Field Peas | Newly seeded pure stand alfalfa for forage or seed production |
| Broadleaf weeds | | |
| Common groundsel | - | PC |
| Chickweed* | C | - |
| Cleavers* | C | - |
| Green smartweed | - | C |
| Hemp-nettle | C | - |
| Redroot pigweed | C | C |
| Shepherd's purse* | C | PC |
| Smartweed | C | - |
| Stinkweed* | C | C |
| Volunteer canola | C | C |
| Wild buckwheat | S | - |
| Wild mustard* | C | C |
| Grasses | | |
| Green foxtail | C | PC |
| Wild oats | S | - |

C = Control PC = Partial Control and Reduced Competition S = Suppression

* Certain populations of these weed are known to be resistant to group 2. If you suspect this potential on your farm, follow recommendations in the Resistance-Management Recommendations section.

MOISTURE REQUIREMENTS

As with most soil-applied herbicides, pre-emergent applications of FBN Imazeth require

moisture for activation. Soil-applied FBN Imazeth requires sufficient water within 7 days of application to moisten the soil to a depth of 5 cm for activation. If adequate moisture is not received within 7 to 10 days of application, perform a shallow inter-row cultivation 5-8 cm deep using a roller or S-tine cultivator to control escaped weeds until the field receives adequate moisture. For early pre-plant applications (soybeans only), more than 7-10 days may elapse before the receipt of adequate precipitation to activate the herbicide and reduce the risk of weed escapes. Growers preferring surface applications of herbicides may choose this type of application of FBN Imazeth.

PLANT BACK RESTRICTIONS AND ROTATIONAL CROPS

In cases of crop failure, replant only soybeans, all types of dry common beans of the species *Phaseolus vulgaris*, lima beans, adzuki beans, imazethapyr tolerant corn, and processing peas in the year of application. Winter wheat may also be re-planted in cases of crop failure or as a rotational crop 100 days following a FBN Imazeth application. Soil preparation for re-planting should be no deeper than 10 cm.

Field corn, imazethapyr tolerant corn, soybeans, winter wheat, spring wheat, spring barley, all types of dry common beans of the species *Phaseolus vulgaris*, lima beans, adzuki beans, and processing peas may be planted the season following a FBN Imazeth application. Conduct a field bioassay (a test strip grown to maturity) the year BEFORE growing any other crop.

APPLICATION INSTRUCTIONS

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

Apply only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversion, application equipment and sprayer settings.

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) medium classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

Spray Buffer Zones

Use of the following spray methods or equipment **DO NOT** require a spray buffer zone: hand-held or backpack sprayer and spot treatment.

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, riparian areas and shrublands) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

| Method of | Crop | Spray Buffer Zones (metres) Required for the |
|-----------|------|--|
|-----------|------|--|

| Application | | Protection of: | |
|---------------|-----------|--------------------|---------------------|
| | | Freshwater Habitat | Terrestrial Habitat |
| Field sprayer | All crops | 1 | 1 |

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.

Surface Runoff

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

CROP SPECIFIC RECOMMENDATIONS

CROP: SOYBEANS

Apply FBN Imazeth as an early pre-plant, pre-plant incorporated, pre-emergent or post-emergent treatment in soybeans.

For fields that contain weeds other than those listed in the “Weed Control in Soybeans: FBN Imazeth Alone” table, tank mix for broad-spectrum weed control (see “Herbicide Tank Mix Options – Soybeans”). The choice of product for tank mixing will depend on the specific weed(s) to be controlled. Consult the labels of the tank mix products to determine which product will provide control of the specific weeds present in the field.

Weed Control in Soybeans: FBN Imazeth Alone

| Weeds | Application Timing | | | | | |
|------------------------|---|--|------------------------|----------------|--|--|
| | Early Pre-plant (prior to weed emergence) | Early Pre-plant (emerged weeds prior to 2 true leaf stage) | Pre-plant Incorporated | Pre-Emergent | Early Post-Emergent (before weeds reach 2 true leaf stage) | Late Post-Emergent (maximum leaf stage in parenthesis) |
| Broadleaf Weeds | | | | | | |
| lamb's-quarters | C | PC | C ² | C | PC | |
| redroot pigweed | C | C | C | C | C | C (12) |
| smartweed | C | | | C | | |
| lady's-thumb | C | | | C ³ | | |
| wild mustard | C | C | C | C | C | |
| velvetleaf | C ¹ | C ¹ | C ¹ | C ¹ | C ¹ | C(8) |
| ragweed, common | C | PC | PC ² | C ³ | C ⁴ | |
| Ragweed, giant | | | | | PC ⁵ | PC(10) |

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|---------------------------|----|----------------|-----------------|----------------|-------------------|-------|
| Eastern black nightshade | PC | C | C | C | C | |
| wild buckwheat | | PC | | | C | |
| cocklebur | | C ¹ | | | C ^{1, 4} | |
| Grasses | | | | | | |
| foxtail, green and yellow | C | C | C | C | C | C (4) |
| barnyard grass | C | PC | PC ² | C ³ | C ⁴ | C(6) |
| old witchgrass | C | | | C ³ | C | |
| proso millet | PC | PC | PC | PC | PC | |
| crabgrass, large | | | | | PC | |
| Perennials | | | | | | |
| yellow nutsedge | | | | | PC | |

C = Control PC = Partial Control and Reduces Competition

¹ Some plants of velvetleaf and/or cocklebur that germinate deeper in the soil and emerge late may escape treatment.

² Tank mixing is recommended for fields with a history of heavy infestations of this weed species.

³ The higher label rate or tank mixing is recommended for fields with a history of heavy infestations of this weed species.

⁴ The higher label rate is required for heavy infestations of this weed species.

⁵ The higher label rate is required.

Herbicide Tank Mix Options - Soybeans

| Tank Mix Option | Application Timing | | | |
|--|--------------------|------------------------|----------------|------------------------------|
| | Early Pre-plant | Pre-plant Incorporated | Pre-emergent | Early and Late Post-emergent |
| Roundup® ⁴ or Vantage™ Plus MAX Herbicide Solution | X ¹ | | | X ^{1, 3} |
| Roundup® ⁴ + FirstRate® Herbicide | X ² | | | |
| Sencor® 75 DF or Sencor 480 F | X ₁ | X ^{1, 2} | X ¹ | |
| Lexone® DF Herbicide Dispersible Granules | | X ^{1, 2} | X ¹ | |
| Treflan™ Liquid EC Herbicide / Rival® Emulsifiable Concentrate Liquid Herbicide/ Trifluralin 480 EC Herbicide or Edge® MicroActiv Herbicide or Edge Granular Herbicide | | X ¹ | | |
| Lorox® L Herbicide / Afolan® F Herbicide | | | X ¹ | |
| Liberty® 200 SN Herbicide | | | | X ^{2, 5} |
| Basagran® Liquid Herbicide / BOA® HERBICIDE / Basagran® Forte Herbicide | | | | X ^{1, 2} |

¹ Refer to the label of the specific tank mix product for information regarding rates, recommendations, precautions and restrictions.

² Refer to Tank Mix Options under the appropriate Application Timing in this label.

³ Glyphosate Tolerant Soybeans only (i.e., varieties with the Roundup Ready®). Refer to CROP: GLYPHOSATE TOLERANT gene SOYBEANS section.

⁴ Roundup Transorb® Liquid Herbicide, Roundup WeatherMAX® with Transorb 2 Technology Liquid Herbicide or Roundup Ultra Liquid Herbicide.

⁵ For use on soybean varieties that are specially developed to be tolerant to glufosinate ammonium (e.g. LibertyLink® seeds).

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| Timing | <p>Early Pre-plant Application - Soybeans Apply FBN Imazeth up to 30 days before planting in conventional, reduced tillage or no-till soybeans. FBN Imazeth alone may be applied as a surface application using this technique.</p> <p>Only one additional working of the soil to prepare the seedbed is recommended following the application. This final seedbed preparation should not work the soil deeper than 10 cm. Deeper tillage will result in reduced concentration of herbicide in the weed germination zone and reduction in weed control. DO NOT plow following the application.</p> |
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| Rate | Early Pre-plant – Prior to Weed Emergence | 420 mL/ha |
| | Early Pre-plant – to Emerged Weeds (before the weeds reach the 2 true leaf stage). | 420 mL/ha + non-ionic surfactant. Non-ionic surfactant MUST BE ADDED. Liquid fertilizer added to the spray solution will provide quicker burndown of weeds. |
| Water Volume | 100-400 L/ha | |
| Surfactant/ Adjuvant | For Early Pre-plant – to Emerged Weeds: Non-ionic surfactant – 0.25% v/v (e.g. 2.5 L/1000 L of spray solution) Liquid fertilizer solution (10-34-0, 28-0-0 or 32-0-0) - 2 L/ha | |
| Weeds Controlled | See “Weed Control in Soybeans” table above. | |
| Remarks | Plant only soybeans during the season of application. | |

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| Tank Mix Options | <p>FBN Imazeth may also be tank mixed with the herbicides listed in the “Herbicide Tank Mix Options – Soybeans” table. Always follow the most conservative rates, recommendations, precautions and restrictions on the tank mix labels.</p> <p>For the combined tank mix with ROUNDUP (Roundup Transorb® Liquid Herbicide, Roundup WeatherMAX® with Transorb 2 Technology Liquid Herbicide or Roundup Ultra Liquid Herbicide) and FIRSTRATE Herbicide, use the following:</p> | |
| | Rates | <p>FBN Imazeth – 312 mL/ha ROUNDUP – 2.5 L/ha (0.900 kg ai/ha) FIRSTRATE Herbicide – 21 g/ha (0.0175 kg ai/ha)</p> |
| | Water Volume | 100-400 L/ha |
| <p>Comments: This tank mix provides control of emerged weeds found on the Roundup Transorb® Liquid Herbicide, Roundup WeatherMAX® with Transorb 2 Technology Liquid Herbicide or Roundup Ultra Liquid Herbicide label and residual control of germinating weeds found on the FBN Imazeth and FIRSTRATE Herbicide labels. Temporary crop injury may occur, however, yield will not normally be affected. Avoid sprayer overlap. Severe crop injury will occur.</p> | | |

| Timing | <p>Pre-plant Incorporated Application - Soybeans Incorporate FBN Imazeth evenly throughout the top 5 cm of the soil profile. Incorporation may be achieved with a double pass using discs or cultivator operated at 8 to 12 kph with the second pass at an angle to the first. Cultivators must have 3 or 4 rows of flexible sweeps staggered and spaced less than 15 cm apart followed by a drag or rolling basket to ensure no soil is left unturned.</p> | | | | | | | | | | | | | | | | | |
|---|--|--------------|-----------|---------------------------|------------------------------|--|--|--------------|--------------|-----------|---|-------|-------|-------|---|-------|-------|-------|
| Rate | 312 mL/ha | | | | | | | | | | | | | | | | | |
| Water Volume | 100-400 L/ha | | | | | | | | | | | | | | | | | |
| Weeds Controlled | See “Weed Control in Soybeans” table above. | | | | | | | | | | | | | | | | | |
| Remarks | DO NOT apply FBN Imazeth as a pre-plant incorporated application more than one year in sequence. Allow at least 24 months between pre-plant incorporated applications. | | | | | | | | | | | | | | | | | |
| Tank Mix Options | <p>For fields that contain heavy lamb's-quarters, common ragweed and/or barnyard grass infestations or weeds other than those listed under “FBN Imazeth Alone”, tank mixing may be required to provide broad-spectrum weed control (see “Herbicide Tank Mix Options – Soybeans” table). Follow the most conservative rates, recommendations, precautions and restrictions on the tank mix labels.</p> <p>For SENCOR 75 DF, SENCOR 480 F and LEXONE DF Herbicide Dispersible Granules , refer to the following table for rates:</p> <table border="1" data-bbox="337 1556 1403 1759"> <thead> <tr> <th rowspan="2">Soil Texture¹</th> <th colspan="3">Application Rate per Hectare</th> </tr> <tr> <th>SENCOR 75 DF</th> <th>SENCOR 480 F</th> <th>LEXONE DF</th> </tr> </thead> <tbody> <tr> <td>Medium (loam, silt loam, silt, sandy clay, sandy clay loam)</td> <td>750 g</td> <td>1.1 L</td> <td>540 g</td> </tr> <tr> <td>Heavy (silty clay, silty clay loam, clay and clay loam)</td> <td>750 g</td> <td>1.1 L</td> <td>640 g</td> </tr> </tbody> </table> | | | Soil Texture ¹ | Application Rate per Hectare | | | SENCOR 75 DF | SENCOR 480 F | LEXONE DF | Medium (loam, silt loam, silt, sandy clay, sandy clay loam) | 750 g | 1.1 L | 540 g | Heavy (silty clay, silty clay loam, clay and clay loam) | 750 g | 1.1 L | 640 g |
| Soil Texture ¹ | Application Rate per Hectare | | | | | | | | | | | | | | | | | |
| | SENCOR 75 DF | SENCOR 480 F | LEXONE DF | | | | | | | | | | | | | | | |
| Medium (loam, silt loam, silt, sandy clay, sandy clay loam) | 750 g | 1.1 L | 540 g | | | | | | | | | | | | | | | |
| Heavy (silty clay, silty clay loam, clay and clay loam) | 750 g | 1.1 L | 640 g | | | | | | | | | | | | | | | |
| <p>¹ Do not use on light (loamy sand, sandy loam) textured soils. Do not use on soil with less than 2% organic matter.</p> | | | | | | | | | | | | | | | | | | |

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| Timing | Pre-emergent Application - Soybeans Pre-emergent applications of FBN Imazeth may be applied before the crop and weeds emerge. |
| Rate | 312 - 420 mL/ha |
| Water Volume | 100-400 L/ha |
| Weeds Controlled | See "Weed Control in Soybeans" table above. |
| Tank Mix Options | For fields that contain heavy infestations of common ragweed, old witchgrass, barnyard grass, lady's-thumb or weeds other than those listed under "FBN Imazeth Alone", tank mixing may be required to provide broad-spectrum weed control (see "Herbicide Tank Mix Options – Soybeans" table). Follow the most conservative rates, recommendations, precautions and restrictions on the tank mix labels. |

| | | |
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| Timing | Early and Late Post-emergent Application - Soybeans Apply FBN Imazeth early post-emergent after the crop has emerged and before the weeds reach the 2 true leaf stage. FBN Imazeth may also be applied late post-emergent after the crop has emerged for control of certain weed species up to the growth stages indicated in the "Weed Control in Soybeans: FBN Imazeth Alone" table. To minimize weed competition with the crop, application should be made as early as possible after weed emergence. | |
| Rate | Early Post-emergent – (before the weeds reach the 2 true leaf stage) | 312-420 mL/ha + non-ionic surfactant + liquid fertilizer |
| | Late Post-emergent | 420 mL/ha + non-ionic surfactant + liquid fertilizer |
| Water Volume | 100-400 L/ha | |
| Surfactant/ Adjuvant | Non-ionic surfactant – 0.25% v/v (e.g. 2.5 L/1000 L of spray solution) Liquid fertilizer solution (10-34-0, 28-0-0 or 32-0-0) - 2 L/ha | |
| Weeds Controlled | See "Weed Control in Soybeans" table above. | |
| Remarks | Addition to the spray solution of a non-ionic surfactant plus liquid fertilizer is essential for post-emergent application, improving uptake of the product by weeds resulting in improved herbicidal activity. Avoid applications when weeds and/or crop are under growth stress. Stunting of the crop may result following post-emergence application. This condition is the result of stem internode shortening but will not result in yield reduction. | |

| | |
|------------------|--|
| Tank Mix Options | <p>FBN Imazeth may also be tank mixed with the herbicides listed in the “Herbicide Tank Mix Options – Soybeans” table. Always follow the most conservative rates, recommendations, precautions and restrictions on the tank mix labels.</p> <p>Comments: Use the 312 mL /ha rate of FBN Imazeth when tank mixed with Basagran Liquid Herbicide, BOA Herbicide or Basagran Forte Herbicide.</p> <p>For FBN Imazeth plus BASAGRAN Liquid Herbicide or BOA HERBICIDE, a non-ionic surfactant at the rate of 0.25% (v/v) and fertilizer solution (10-34-0, 28-0-0 or 32-0-0) at the rate of 2 L/ha MUST BE ADDED to the spray solution.</p> <p>For FBN Imazeth plus BASAGRAN FORTE Herbicide, only fertilizer solution MUST BE ADDED at the rate of 2 L/ha.</p> |
|------------------|--|

**CROP: GLYPHOSATE TOLERANT SOYBEANS
(i.e., varieties with the Roundup Ready® gene)**

| | |
|------------------------------|---|
| Timing | <p>Post-emergent Application For broadleaf and grass weeds other than those listed in “Weed Control in Soybeans: FBN Imazeth Alone” table, FBN Imazeth may be tank mixed with Roundup¹ or Vantage Plus MAX Herbicide Solution (glyphosate) and applied to Roundup Ready soybeans.</p> <p>Follow the rates, application timings, recommendations, precautions and restrictions on the glyphosate label. Refer to the glyphosate label for adjuvant recommendations.</p> <p>¹ Roundup Transorb Liquid Herbicide, Roundup WeatherMax with Transorb 2 Technology Liquid Herbicide or Roundup Ultra Liquid Herbicide</p> |
| FBN Imazeth Rate | 312 mL/ha |
| Water Volume | 100-400 L/ha |
| Alternative FBN Imazeth Rate | <p>FBN Imazeth at 160 - 210 mL/ha Tank mixing FBN Imazeth at 160 - 210 mL/ha with glyphosate will provide residual control of late germinating eastern black night shade, comm on lamb's quarters, redroot pigweed, velvetleaf, fall panicum and wild proso millet. Use 900 g ae/ha of glyphosate¹ and apply up to and including the 3rd trifoliate leaf stage of Roundup Ready soybeans in 100-200 litres per hectare of clean water. Use higher rate for heavier infestations.</p> <p>Consult the glyphosate label for weeds controlled by glyphosate, as well as for further recommendations, precautions and restrictions.</p> <p>¹ 900 g ae glyphosate/ha is equivalent to 2.5 L/ha of Roundup Transorb Liquid Herbicide or 1.67 L/ha of Roundup WeatherMax with Transorb 2 Technology Liquid Herbicide or Roundup Ultra Liquid Herbicide, or 1.88 L/ha of Vantage Plus MAX Herbicide Solution.</p> |
| Remarks | <p>WARNING Apply FBN Imazeth + glyphosate herbicide tank mix ONLY to glyphosate tolerant soybeans, i.e., varieties with the Roundup Ready® gene. SOYBEANS WHICH ARE NOT DESIGNATED AS GLYPHOSATE TOLERANT WILL BE DAMAGED OR DESTROYED BY THIS TREATMENT.</p> |

**CROP: GLUFOSINATE AMMONIUM TOLERANT (LIBERTYLINK®) SOYBEANS
(British Columbia and Eastern Canada Only)**

| | |
|--------------|---|
| Timing | <p>Post-emergent Application For control of broadleaf and grass weeds other than those listed in the “Weed Control in Soybeans: FBN Imazeth Alone” table, FBN Imazeth may be tank mixed with Liberty 200 SN Herbicide and applied to glufosinate ammonium tolerant (LibertyLink) soybeans from the cotyledon to the flowering stage of the crop.</p> <p>Consult the Liberty 200 SN Herbicide label for the recommended leaf stage of weeds at application for best weed control.</p> |
| Rates | <p>312 mL/ha FBN Imazeth + 1.5 - 2.5 L/ha Liberty 200 SN Herbicide</p> <p>Tank mix FBN Imazeth with the appropriate rate of Liberty 200 SN Herbicide for the targeted weed species. Refer to the Liberty 200 SN herbicide label for rates, weeds controlled, further recommendations, precautions and restrictions.</p> |
| Water Volume | Minimum of 110 L/ha |
| Remarks | <p>WARNING Apply FBN Imazeth plus Liberty 200 SN Herbicide tank mix ONLY to glufosinate ammonium tolerant soybeans (e.g. LibertyLink seeds). Application of Liberty 200 SN Herbicide to non-tolerant soybeans will result in severe crop injury or death of the crop.</p> |

CROP: EDIBLE BEANS (including dry common beans of the species *Phaseolus vulgaris*^{1, 2}, lima beans (Ontario only) and adzuki beans)

Apply FBN Imazeth as a pre-emergent treatment in lima beans (Ontario only), dry common beans of the species *Phaseolus vulgaris* and adzuki beans, and as a pre-plant incorporated treatment in dry common beans of the species *Phaseolus vulgaris* and adzuki beans.

¹ Dry common bean varieties may vary in their tolerance to herbicides, including FBN Imazeth. Since not all dry common bean varieties have been tested for tolerance to FBN Imazeth, first use of FBN Imazeth 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 FBN Imazeth.

² Including, but not limited to: kidney, cranberry, yellow eye, Dutch brown, black and white beans.

Weed Control in Edible Beans: FBN Imazeth Alone

| Weeds | Application Timing | |
|---------------------------|--------------------|---|
| | Pre-emergent | Pre-plant Incorporated (dry common beans of the species <i>Phaseolus vulgaris</i> and adzuki beans only) |
| Broadleaf Weeds | | |
| lamb's-quarters | C | C |
| redroot pigweed | C | C |
| smartweed | C | C |
| lady's-thumb | C | C |
| wild mustard | C | C |
| velvetleaf | C ¹ | C ¹ |
| ragweed, common | PC | PC |
| Eastern black nightshade | C | C |
| Grasses | | |
| foxtail, green and yellow | C | C |
| proso millet | PC | PC |

C = Control PC = Partial Control and Reduced Competition

¹ Some plants of velvetleaf that germinate deeper in the soil and emerge late may escape treatment.

| Timing | Pre-emergent Application – Edible Beans |
|------------------|--|
| Rate | 312 mL/ha |
| Water Volume | 100-400 L/ha |
| Weeds Controlled | See “Weed Control in Edible Beans” table above. |
| Tank Mix Options | For fields that contain heavy infestations of broadleaf weeds other than those listed under “FBN Imazeth Alone”, tank mixing may be required to provide broad-spectrum weed control. Cranberry and Kidney Beans Tank mix FBN Imazeth with 1.15 – 1.75 L/ha (1.05-1.60 kg ai/ha) of DUAL® MAGNUM Herbicide to control labelled broadleaf weeds and grasses in cranberry beans and kidney beans. Refer to the DUAL MAGNUM Herbicide label for additional recommendations, precautions and restrictions not specified on this label. |

| Timing | Pre-plant Incorporated Application (dry common beans of the species <i>Phaseolus vulgaris</i> and adzuki beans only) |
|------------------|---|
| Rate | 312 mL/ha |
| Water Volume | 100-400 L/ha |
| Weeds Controlled | See “Weed Control in Edible Beans” table above. |

| | |
|------------------|--|
| Tank Mix Options | <p>White Beans Tank mix FBN Imazeth with 1.25-2.4 L/ha of TREFLAN Liquid EC Herbicide/Trifluralin 480 EC Herbicide to control a broader spectrum of weeds in white beans only. Follow recommendations, precautions and restrictions on the TREFLAN Liquid EC Herbicide/Trifluralin 480 EC label. Consult the tank mix partner label for weeds controlled other than those listed for FBN Imazeth alone.</p> <p>Dry Common Beans of the Species <i>Phaseolus vulgaris</i> ^{1,2} Tank mix FBN Imazeth with 1.15 – 1.75 L/ha (1.05 - 1.60 kg ai/ha) of DUAL® Magnum Herbicide/DUAL II Magnum Herbicide to control labelled broadleaf weeds and grasses in dry common beans. Refer to the DUAL Magnum Herbicide/DUAL II Magnum Herbicide label for additional recommendations, precautions and restrictions not specified on this label. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.</p> <p>¹ NOTE: Dry common bean varieties may vary in their tolerance to herbicides, including the tankmix of FBN Imazeth plus DUAL Magnum Herbicide/DUAL II Magnum Herbicide. Since not all dry common bean varieties have been tested for tolerance to the tankmix of FBN Imazeth plus DUAL Magnum Herbicide/DUAL II Magnum Herbicide, first use of this tankmix 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 the tankmix of FBN Imazeth plus DUAL Magnum Herbicide/DUAL II Magnum Herbicide.</p> <p>² CAUTION: Beans should be seeded at least 4 cm deep or crop injury may result.</p> |
|------------------|--|

CROP: IMAZETHAPYR TOLERANT CORN* (i.e., CLEARFIELD® BRANDS)

Apply FBN Imazeth as a pre-plant incorporated, pre-emergent or early post-emergent treatment on imazethapyr tolerant corn.

Tank mixing may be required to provide broad-spectrum weed control for fields that contain weeds other than those listed in the “Weed Control in Imazethapyr Tolerant Corn: FBN Imazeth Alone” table below. Selection of product for tank mixing will depend on the specific weed(s) that are to be controlled. Consult the labels of the tank mix products to determine which will provide control of the specific weeds present in the field.

Weed Control in Imazethapyr Tolerant Corn: FBN Imazeth Alone

| Weeds | Application Timing | | |
|---------------------------|------------------------|--------------------|-------------------|
| | Pre-plant Incorporated | Pre-emergent Early | Post-emergent |
| Broadleaf Weeds | | | |
| lamb’s-quarters | C ² PC | | PC |
| redroot pigweed | C | C | C |
| velvetleaf | C ₁ | C ^{1, 2} | C ^{1, 2} |
| Eastern black nightshade | C | C | C |
| Grasses | | | |
| foxtail, green and yellow | C | PC | C |
| barnyard grass | PC | C | C ² |

C = Control PC = Partial Control and Reduced Competition

¹ Some plants of velvetleaf that germinate deeper in the soil and emerge late may escape treatment.

² Tank mixing is required for fields with a history of heavy infestations of this weed species.

| | |
|------------------|--|
| Timing | Pre-plant Incorporated Application – Imazethapyr Tolerant Corn Incorporate FBN Imazeth evenly throughout the top 5 cm of the soil profile. Incorporation may be achieved with a double pass using discs or cultivator operated at 8 to 12 kph with the second pass at an angle to the first. Cultivators must have 3 or 4 rows of flexible sweeps staggered and spaced less than 15 cm a part followed by a drag or rolling basket to ensure no soil is left unturned. |
| Rate | 312 mL/ha |
| Water Volume | 100-400 L/ha |
| Weeds Controlled | See “Weed Control in Imazethapyr Tolerant Corn” table above. |
| Remarks | DO NOT apply FBN Imazeth as a pre-plant incorporated application more than one year in sequence. Allow at least 24 months between pre-plant incorporated applications. |
| Tank Mix Options | Tank mix FBN Imazeth with either atrazine or DUAL® Magnum Herbicide to provide a broader spectrum of weed control. Follow rates, recommendations, precautions and restrictions on the atrazine or DUAL Magnum Herbicide label. |

| | |
|------------------|---|
| Timing | Pre-emergent Application – Imazethapyr Tolerant Corn Pre-emergent applications of FBN Imazeth may be applied before the crop and weeds emerge. |
| Rate | 312 mL/ha |
| Water Volume | 100-400 L/ha |
| Weeds Controlled | See “Weed Control in Imazethapyr Tolerant Corn” table above. |
| Tank Mix Options | Tank mix FBN Imazeth with either PROWL® 60 WDG Herbicide, Prowl H2O Herbicide, BANVEL® Herbicide or atrazine herbicide to provide a broader spectrum of weed control. Follow rates, recommendations, precautions and restrictions on the PROWL 60 WDG Herbicide, Prowl H2O Herbicide, BANVEL Herbicide or atrazine herbicide label. |

| | |
|----------------------|--|
| Timing | Early Post-emergent Application – Imazethapyr Tolerant Corn Apply FBN Imazeth before or after the crop has emerged and before the weeds reach the 2 true leaf stage. |
| Rate | 312 mL/ha + non-ionic surfactant + liquid fertilizer |
| Water Volume | 100-400 L/ha |
| Surfactant/ Adjuvant | Non-ionic surfactant – 0.25% v/v (e.g. 2.5 L/1000 L of spray solution) Liquid fertilizer solution (10-34-0, 28-0-0 or 32-0-0) - 2 L/ha |
| Weeds Controlled | See “Weed Control in Imazethapyr Tolerant Corn” table above. |
| Remarks | Addition to the spray solution of a non-ionic surfactant plus liquid fertilizer is essential for post-emergent application, improving uptake of the product by weeds resulting in improved herbicidal activity. |
| Tank Mixing | Tank mix FBN Imazeth with either PROWL 60 WDG Herbicide, Prowl H2O Herbicide, atrazine, BANVEL Herbicide or MARKSMAN® Herbicide to provide a broader spectrum of weed control. Follow rates, recommendations, precautions and restrictions on the PROWL 60 WDG Herbicide, Prowl H2O Herbicide, atrazine, BANVEL Herbicide or MARKSMAN Herbicide label. |

CROP: FIELD PEAS

| | |
|------------------|---|
| Timing | Early post-emergence |
| Rate | 210 mL/ha + adjuvant |
| Soil Zones | FBN Imazeth is registered for use in black and grey wooded soils ONLY . |
| Weeds Controlled | See “Weeds Controlled” above for a complete list of weeds controlled. |
| Remarks | <p>FBN Imazeth, by early post-emergence application up to the 4-true leaf stage of the weeds, will control weeds listed above.</p> <p>Field peas up until the sixth (6th) trifoliolate leaf stage.</p> <p>An interval of 60 days must follow the FBN Imazeth application before field peas are harvested.</p> <p>Field peas treated with FBN Imazeth may be fed to livestock 30 days after application.</p> |

ALFALFA (NEWLY SEEDED PURESTAND FOR FORAGE OR SEED PRODUCTION)

| | |
|------------------|---|
| Timing | Early post-emergence |
| Soil Zones | Black, grey wooded and irrigated brown soil zones. |
| Rate | 210 mL/ha + adjuvant |
| Weeds Controlled | See “Weeds Controlled” above for a complete list of weeds controlled. |
| Remarks | <p>FBN Imazeth can be applied as an early post-emergence treatment in newly seeded purestand alfalfa in the year of establishment.</p> <p>FBN Imazeth may be applied when the crop has developed at least one (1) fully expanded trifoliolate leaf and up to and including the 4 leaf stage of susceptible weeds.</p> <p>FBN Imazeth is intended for use on purestand alfalfa in the year of establishment, on stands that will remain for 3 or more years.</p> <p>Apply only in the year of establishment and only after the crop has one fully developed trifoliolate leaf.</p> <p>ONLY ONE (1) application of FBN Imazeth may be made during the life of the alfalfa stand.</p> <p>DO NOT graze or harvest for forage until 14 days after treatment.</p> <p>Mature seed from treated plants should not be used for human consumption.</p> |

ALFALFA (ESTABLISHED FOR SEED PRODUCTION PURPOSES)

| | |
|------------------|--|
| Timing | Early post-emergence |
| Soil Zones | Black and grey wooded soil zones |
| Rate | 210 mL/ha + adjuvant |
| Weeds Controlled | Stinkweed, wild mustard, volunteer canola, redroot pigweed and suppression of green foxtail. |

| | |
|---------|--|
| Remarks | One application per year; post-emergent; ground application; apply before alfalfa reaches 30 cm. Do not use FBN Imazeth in the last year of the alfalfa stand. |
|---------|--|

DRY BEANS (PINTO, PINK, RED)

| | |
|------------------|--|
| Timing | Early post-emergence |
| Soil Zones | Black, grey wooded and irrigated brown soil zones only |
| Rate | 210 mL/ha + adjuvant |
| Weeds Controlled | Hairy nightshade |
| Remarks | One application per year; ground sprayer; apply in 100 - 400 L water/ha post-emergence; apply up to the 2nd trifoliate leaf stage of the dry bean; up to 6 leaf stage of hairy nightshade; PHI of 75 days. |

CHICKLING VETCH / GRASS PEA (FOR SEED PRODUCTION ONLY)

| | |
|------------------|---|
| Timing | Early post-emergence |
| Soil Zones | Black and grey wooded soil zones |
| Rate | 210 mL/ha + adjuvant |
| Weeds Controlled | Labelled weeds |
| Remarks | One application per year; post-emergent; ground application; PHI 60 days; apply at the 5-7 leaf stage of chickling vetch/grass pea. |

CROP: PROCESSING PEAS

| | |
|------------------|---|
| Timing | Pre-emergent or Pre-plant Incorporated Application |
| Rate | 312 mL/ha |
| Water Volume | 200 L/ha |
| Weeds Controlled | Weeds found in the "FBN Imazeth Alone: Weed Control in Soybeans" table. |

CROP: SNOW PEAS

| | |
|------------------|---|
| Timing | Pre-emergent or Pre-plant Incorporated Application |
| Rate | 312 mL/ha |
| Water Volume | 100-400 L/ha |
| Weeds Controlled | Weeds found in the "FBN Imazeth Alone: Weed Control in Soybeans" table. |

CROP: SNAP BEANS

| | |
|--------|---------------------------------|
| Timing | Pre-emergent Application |
|--------|---------------------------------|

| | |
|------------------|---|
| Rate | 312 mL/ha |
| Water Volume | 200 L/ha |
| Weeds Controlled | Weeds found in the “FBN Imazeth Alone: Weed Control in Soybeans” table. |

CROP: ALFALFA GROWN FOR SEED PRODUCTION

| | |
|---------------------|--|
| Timing | Post-emergent Application Apply early post-emergent when weeds are less than 7.5 cm (3 in.) tall. Apply only after the crop has one fully developed trifoliate leaf. |
| Rate | 312 – 420 mL/ha |
| Water Volume | 200 L/ha |
| Surfactant/Adjuvant | A non-ionic surfactant at the rate of 0.2 5% (v/v) MUST BE ADDED to the spray solution (e.g., 2.5 L of surfactant per 1000 L of spray solution). Fertilizer solutions, 10-34-0, 28-0-0 or 32-0-0 MUST BE ADDED to the spray solution at the rate of 2 L/ha to provide quicker burndown of weeds. |
| Weeds Controlled | Weeds found in the “FBN Imazeth Alone: Weed Control in Soybeans” table. |

SOYBEANS (MANITOBA ONLY)

| | |
|------------------|--|
| Timing | Early post-emergence |
| Soil Zones | Black and grey wooded soil zones |
| Rate | 210 mL/ha + adjuvant |
| Weeds Controlled | See “Early Post-Emergence Weed Control” table above |
| Remarks | Apply as post-emergent application once per season at 1 to 3 leaves of soybean growth; ground application only; PHI 85 days. |

MIXING INSTRUCTIONS

1. Ensure the spray tank is clean before use. Follow the clean-out recommendations stated on the label of the product that was previously used.
2. Fill the spray tank one-half full to three-quarters full of water and start agitation.
3. Using a calibrated measuring device, add the required amount of tank mix partner (refer to the tank mixture section of each crop for tank mixtures).
4. Mix thoroughly.
5. Using a separate calibrated measuring device, add the required amount of FBN Imazeth to the tank while agitating the spray solution.
6. While the solution remains agitating, add the required amount of non-ionic surfactant if required.
7. If required, add the required amount of liquid fertilizer (28-0-0, 10-34-0 or 32-0-0) to the spray solution.
8. Continue agitation while filling the remainder of the spray tank with water.
9. Clean the spray tank after use.

RESTRICTIONS AND LIMITATIONS

1. DO NOT over apply FBN Imazeth. Over application may result in injury particularly if the crop is under stress.
2. Crop Pre-harvest Interval

| Crop | Application to Harvest Interval (days) |
|---|--|
| Soybeans | 100 |
| Dry Common Beans of the species <i>Phaseolus vulgaris</i> and Adzuki Beans | 100 |

| | |
|---------------------------|-----|
| Imazethapyr Tolerant Corn | 100 |
| Lima Beans | 90 |
| Processing Peas | 50 |
| Snow Peas | 60 |
| Snap Beans | 40 |

3. CAUTION: Do not graze treated crops or cut for hay, sufficient data are not available to support such use.
4. DO NOT let spray drift contaminate crops in adjacent fields.
5. ONLY ONE (1) application of FBN Imazeth may be made during the season.
6. DO NOT apply FBN Imazeth as a pre-plant incorporated application in all crops more than one year in sequence. Allow at least 24 months between pre-plant incorporated applications.
7. Emerged weeds in pre-emergent applications which reach the 2 - 3 true leaf stage might be considered as escapes. Shallow cultivation or application of a post-emergent herbicide is recommended. DO NOT cultivate deeply.
8. DO NOT apply FBN Imazeth when crop is under stress conditions because crop injury may result.
9. Post-emergent application of FBN Imazeth to soybeans may cause stunting. This condition is the result of stem inter-node shortening and does not cause yield reductions if FBN Imazeth has been used at label rates and following label recommendations.
10. FBN Imazeth may cause stunting or delayed maturity in white beans and kidney beans. Stunting is the result of stem inter-node shortening and should not cause yield reductions if FBN Imazeth has been used at label rates and following label recommendations.
11. DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

FOLLOW CROPPING

There is the possibility of residual soil activity from FBN Imazeth the year following application. Research studies have shown the following crops can be safely grown in black and grey wooded soil zones the year following a FBN Imazeth application.

| 0 - 12 months after application In case of crop failure, the following crops can be planted in the same season: | 1 year after application The following crops can be planted in the following season: |
|---|---|
| field peas CLEARFIELD canola ¹ | spring barley spring wheat lentils alfalfa field peas CLEARFIELD canola ¹ |

Conduct a field bioassay (a test strip grown to maturity) the year BEFORE growing any other crop than those listed above.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, FBN Imazeth is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to FBN Imazeth and other Group 2 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 FBN Imazeth or other Group 2 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 FBN at 1-844-200-FARM (3276).

WARNINGS

- (1) DO NOT APPLY FBN Imazeth on brown & dark brown soil zones unless under irrigation as the follow crop label ONLY pertains to the black and grey wooded soil zones. Use in non-irrigated brown/dark brown soil zones could result in rotational crop injury.
- (2) DO NOT over-apply FBN Imazeth. Over application may result in injury particularly if the crop is under stress.
- (3) DO NOT let spray drift contaminate crops other than those being sprayed.
- (4) DO NOT apply 2 applications of FBN Imazeth within the same year. ONLY ONE (1)

- application of FBN Imazeth may be made during the season.
- (5) DO NOT tank-mix FBN Imazeth.
 - (6) In cases of crop failure, only field peas or CLEARFIELD canola¹ (e.g. canola varieties with the CLEARFIELD trait) may be re-planted in the year of application.
 - (7) DO NOT APPLY BY AIR - GROUND APPLICATION ONLY.

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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*Methods of growing plants which are resistant to certain acetohydroxyacid synthase (AHAS) herbicides are protected by Canadian Patent No. 1341465. The use of this product in the practice of patented methods could constitute patent infringement. The purchase of this product conveys no license to the purchaser to practice the patented methods. Further information can be obtained by contacting Farmer's Business Network Canada, Inc. at 1-844-200-FARM.