2021-0550
2021-06-16

Container Label

GROUP 6 HERBICIDE

PYTHON™ B HERBICIDE

For selective post-emergence broadleaf weed control in soybeans, dry and snap common beans, peas, lima beans, fababeans, corn (grain, silage, sweet and seed), flax (including low linolenic acid varieties), peanuts, blueberries, turf, spring wheat (excluding durum), snow peas, seedling and established forage legumes and seedling forage grasses (seed production only for forage legumes and grasses), newly-planted fruit trees - apple, apricot, cherry, peach, pear and nectarine (directed use only).

COMMERCIAL (AGRICULTURAL)

SOLUTION

ACTIVE INGREDIENT: Bentazon (present as the sodium salt)..... 480 g/L

REGISTRATION NO. 33282 PEST CONTROL PRODUCTS ACT

CAUTION EYE IRRITANT

READ THE LABEL AND BOOKLET BEFORE USING.
KEEP OUT OF REACH OF CHILDREN.

NET CONTENTS: 1 L to 200 L

ADAMA Agricultural Solutions Canada Ltd.
300 – 191 Lombard Avenue
Winnipeg, Manitoba R3B 0X1
1-855-264-6262

For emergency medical help and health/safety inquiries call ProPharma Group at 1.877.250.9291 (24 hours a day)
For spill, leak or fire call INFOTRAC at 1.800.535.5053 (24 hours a day)

2021-0550
2021-06-16

ENVIRONMENTAL PRECAUTIONS

The use of this chemical may result in contamination of groundwater, particularly in areas where soils are permeable (e.g. sandy soil) or the water table is shallow.

DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), or to estuarine/marine habitats.

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

TOXIC to non-target terrestrial plants. Observe buffer zones specified under SPRAY DRIFT MANAGEMENT FOR GROUND AND AERIAL APPLICATION.

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Do not take internally.
3. Avoid inhalation of vapour, dust or spray mist.
4. Avoid 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, approved respirator, 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 **PYTHON™ B HERBICIDE** with **Pinnacle®**, **Reflex®, Blazer®, Ultra Blazer®, Pursuit®** or **2,4-D amine** or **ester**, refer to **Pinnacle®**, **Reflex®, Blazer®, Ultra Blazer®, Pursuit®** or **2,4-D amine** or **ester** label for sprayer cleanup.
11. **CAUTION:** 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 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. Freezing will not harm **PYTHON™ B HERBICIDE**. Should product freeze, warm to room temperature and shake well before using.

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.

2021-0550
2021-06-16

Booklet

GROUP 6 HERBICIDE

PYTHON™ B HERBICIDE

For selective post-emergence broadleaf weed control in soybeans, dry and snap common beans, peas, lima beans, fababeans, corn (grain, silage, sweet and seed), flax (including low linolenic acid varieties), peanuts, blueberries, turf, spring wheat (excluding durum), snow peas, seedling and established forage legumes and seedling forage grasses (seed production only for forage legumes and grasses), newly-planted fruit trees - apple, apricot, cherry, peach, pear and nectarine (directed use only).

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GENERAL INFORMATION

PYTHON™ B HERBICIDE is a liquid herbicide for selective post-emergence control of many broadleaf weeds, yellow nutsedge, cleavers, stork's bill and volunteer canola in soybeans, dry and snap common beans, peas, lima beans, fababeans, corn (grain, silage, sweet and seed), flax (including low linolenic acid varieties), peanuts, spring wheat (excluding durum), snow peas, seedling forages (alfalfa*, red clover**, alsike clover**, sainfoin**, bromegrass**, creeping red fescue**, meadow foxtail**, orchardgrass**, timothy and crested wheatgrass**), established forages (alfalfa*, red clover*, sainfoin* and sweet clover*) and newly-planted fruit trees - apple, apricot, cherry, peach, pear and nectarine. (Directed use only. Do not overspray.)

PYTHON™ B HERBICIDE will also control yellow nutsedge in blueberries (directed spray only) and turf (sod farms and golf courses only).
* For seed production only.
** For seed production only in Western Canada.

PYTHON™ B HERBICIDE does not control grasses.

PYTHON™ B 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 **PYTHON™ B HERBICIDE** in hot, humid weather may result in temporary leaf yellowing, leaf flecking, bronzing or burning. The crop usually outgrows this condition within 10 days (see Restrictions and Limitations).

DIRECTIONS FOR USE

Timing of Application

Apply **PYTHON™ B HERBICIDE** when broadleaf weeds are small and actively growing and before the weeds reach the maximum size recommended for treatment as listed in the **PYTHON™ B HERBICIDE** Weed Control and Application Rate Table. **PYTHON™ B HERBICIDE** should be applied when the main weed of concern is in the suggested growth stage for treatment.
Early treatment of weeds with **PYTHON™ B HERBICIDE** is important to maximize crop yield potential through elimination of early weed competition and permits optimum coverage of the weeds, thereby increasing the performance of **PYTHON™ B HERBICIDE**.
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 below. The information on usual stage of crop for optimum weed control may also serve as a guide to spray timing.

Blueberries

Apply **PYTHON™ B HERBICIDE** at the rate of 1.75 L/ha plus **Assist® Oil Concentrate** not to exceed 2 L/ha when yellow nutsedge is 15-20 centimetres tall.
Use as a directed spray only. Do not overspray.

Apply by ground in sufficient water volume of 100-400 L of water per hectare at 140 kPa spray pressure. Repeat application in 7-10 days but do not apply **PYTHON™ B HERBICIDE** more than two times per year.
PYTHON™ B HERBICIDE may not be applied within 25 days of harvest.

Snow Peas
Apply **PYTHON™ B HERBICIDE** at the rate of 1.75 L/ha plus **Assist®** oil concentrate at 1 to 2 L/ha once a year at or after 3-leaf stage of the crop.
Apply by ground in sufficient water volume of 300 L of water per hectare.
Do not apply **PYTHON™ B HERBICIDE** within 30 days of harvest.

Turf
For optimum control in turf, treat when nutsedge is young and actively growing. An additional application may be necessary at an interval of 10 to 14 days. Do not apply more than two applications of **PYTHON™ B HERBICIDE** per year. For best results, do not mow grass 3 to 5 days before or after application. Do not treat newly-seeded turf until seedlings are well established as injury may result.

ADDITIVES
Use **Assist® Oil Concentrate** or **XA Oil Concentrate** at the rate of 1 to 2 L/ha (depending on climatic conditions and the spray volume used) for improved control of broadleaf weeds and yellow nutsedge on all crops. Either **Citowett Plus** or **Assist®** or **XA Oil Concentrate** can be used on peas. Refer to Spraying Instructions table.

Additives in Soybeans Only
Add 6 L/ha ammonium sulphate or 10 L/ha 28% urea ammonium nitrate (UAN) for improved and more consistent control of velvetleaf and lamb's-quarters in soybeans. The addition of either form of nitrogen source to **PYTHON™ B 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 **PYTHON™ B HERBICIDE** plus a nitrogen source.

Note: Do not add nitrogen source when tank mixing PYTHON™ B HERBICIDE with Pinnacle® and Assist® or XA Oil Concentrate.

Additive in Dry Beans (pinto, great northern, pink and small red)
The addition of ammonium sulphate at 1.5% v/v will result in more consistent weed control. The addition of ammonium sulphate may cause some leaf burn, but new growth is normal and yield is not reduced. The potential for leaf burn is increased when relative humidity and temperature are high. Use with **Assist®** Oil Concentrate.

Do not apply **PYTHON™ B HERBICIDE** + **Assist®** or **XA Oil Concentrate** with the addition of either 28% **UREA AMMONIUM NITRATE** or **AMMONIUM SULPHATE** by air.

Do not use any additives not specifically registered under the ***Pest Control Products Act*** for use with **PYTHON™ B HERBICIDE**.

TANK MIX COMBINATIONS

Soybeans

PYTHON™ B HERBICIDE can be tank mixed with **Pinnacle®** plus **Assist®** or **XA Oil Concentrate** (in soybeans only) for improved control of lamb's-quarters and redroot pigweed. **PYTHON™ B HERBICIDE** can be tank mixed with **Blazer® or Ultra Blazer®** plus **Assist®** or **XA Oil Concentrate** (in soybeans only) for improved control of ragweed, redroot pigweed and nightshade. **PYTHON™ B HERBICIDE** can be tank mixed with **Pursuit®** plus a Nitrogen Source for control of nightshade (Eastern black), velvetleaf, common ragweed, redroot pigweed, barnyard grass, green and yellow foxtail, cocklebur, lady's thumb, wild mustard, and improved control of lamb's-quarters.
For further details refer to the **PYTHON™ B HERBICIDE** Weed Control and Application Rate Table. Always refer to the **Pinnacle®, Blazer®, Ultra Blazer® and Pursuit®** labels for precautions and use limitations.

Dry Common Beans

PYTHON™ B HERBICIDE can be tank mixed with **Reflex®** plus **Assist®** or **XA Oil Concentrate** for suppression of redroot pigweed and control of lamb's-quarters, common ragweed and lady's-thumb. For further details, refer to the **PYTHON™ B HERBICIDE** Weed Control and Application Rate Table. Always refer to the **Reflex** label for precautions and use limitations.
PYTHON™ B HERBICIDE and **Reflex®** tank mix (ground application only) is registered in dry common beans only.

Dry Edible Beans in the Red River Valley of Manitoba

PYTHON™ B HERBICIDE can be tank mixed with **Reflex®** for selective post-emergence broadleaf weed control in dry edible beans in the Red River Valley of Manitoba. See **Reflex** label for weeds controlled in addition to those listed on the **PYTHON™ B HERBICIDE** label. Apply **PYTHON™ B HERBICIDE** at the rate of 1.75 L/ha plus **Reflex®** at 0.58 L/ha plus **Agral® 90** at 0.10% v/v at 1 to 2 trifoliate leaf stage of the crop and 3- to 4-leaf stage of the weeds.
Apply once a year, post-emergent and by ground only. Always refer to the **Reflex®** label for precautions and use limitations.
Do not apply this tank mix within 84 days of harvest.

Spring Wheat (excluding durum)

When tank mixed with **2,4-D amine** or **ester** formulation, **PYTHON™ B HERBICIDE** will control lady's-thumb, bluebur, burdock (< 4-leaf), cocklebur, common plantain, daisy fleabane, false flax, flixweed, goat's beard, lamb's-quarters, mustard (except dog and tansy), prickly lettuce, ragweed, redroot pigweed, Russian pigweed, Russian thistle, shepherd's purse, stinging nettle, stinkweed, sweet clover, volunteer canola, wild radish and wild sunflower. All of the above-mentioned broadleaf weeds will be controlled if applied from the weed 2- to 4-leaf stage.

For further details, refer to the **PYTHON™ B HERBICIDE** Weed Control and Application Rate Table. Always refer to the **2,4-D amine** or **ester** label for precautions and use limitations.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, **PYTHON™ B HERBICIDE** is a Group 6 herbicide. Any weed population may contain or develop plants naturally resistant to **PYTHON™ B 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 **PYTHON™ B 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 ADAMA Agricultural Solutions Canada Ltd. at 1-855-264-6262.

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	ADDITIVES

Minimum 100 L/ha. Use larger water volumes (up to 400 L/ha) for weeds at the upper limit of their recommended stage of treatment.	Minimum 275 kPa. Use higher pressure (up to 425 kPa) for weeds at the upper limit of their recommended stage for treatment.	Use 1 litre of Assist® or XA Oil Concentrate per 100 litres of water with a maximum application rate of 2 L/ha. Under hot, humid conditions, restrict Assist® or XA Oil Concentrate rate to 1 L/ha. Alternatively, Citowett Plus may be used on peas only at a rate of 2.5 L per 1000 L of spray solution.

TIMING OF APPLICATION RATE TABLE

CROP	TOLERANT STAGE	USUAL STAGE OF CROP FOR OPTIMUM WEED CONTROL
Soybeans	Tolerant at any growth stage	Unifoliate to two expanded trifoliate leaves, usually 18-20 days after planting
Lima beans, dry common beans[1] (*Phaseolus vulgaris* only - including but not limited to: white, kidney, black, pinto, great northern, pink, small red, cranberry and otebo) and most snap common beans including snap beans	Tolerant after 1st trifoliate leaf has fully expanded	1 to 3 trifoliate leaves
Corn (grain, silage, sweet, seed)	Tolerant at any growth stage	1- to 5-leaf stage
Peas (field and processing)	Tolerant after 3 pairs of leaves (or 3 nodes) are present	Soon after 3 pairs of leaves form
Fababeans	Tolerant after 2- to 3-leaf stage or crop is 10 cm high	Soon after 3-leaf stage
Peanuts	Tolerant at any growth stage	Unifoliate to two expanded trifoliate leaves
Flax (including low linolenic acid varieties)	Tolerant when crop is 5 cm or higher	Soon after crop reaches 5 cm
Spring wheat (excluding durum)	Tolerant at any growth stage	2 to 4 leaves
Turf (sod farms and golf courses) for yellow nutsedge control only	Tolerant on established turf	When turf is actively growing in late spring and early summer
Blueberries for yellow nutsedge control only	Tolerant as a directed spray only. Do not overspray.	
Snow peas		Soon after 3-leaf stage

Newly-planted fruit trees (apple, apricot, cherry, peach, pear, and nectarine)	Tolerant as a directed spray only. Do not overspray.	

[1] Dry common bean varieties may vary in their tolerance to herbicides, including **PYTHON™ B HERBICIDE**. Since not all dry common bean varieties have been tested for tolerance to **PYTHON™ B HERBICIDE**, first use of **PYTHON™ B 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 **PYTHON™ B HERBICIDE**.

TIMING OF APPLICATION RATE TABLE (Continued)

CROP	**TOLERANT STAGE**	**USUAL STAGE OF CROP FOR OPTIMUM WEED CONTROL**
Seed Production[1] for annual broadleaf weed control		
Forage Grasses (Seedling) • Bromegrass • Creeping Red Fescue • Meadow Foxtail • Orchardgrass • Timothy • Crested Wheatgrass	Tolerant at 1- to7-leaf growth stage[2]	2– to 5-leaf of seedling forage grasses
Forage Legumes (Seedling) • Alfalfa • Red Clover • Alsike Clover • Sainfoin	Tolerant after third trifoliate stage[2]	3 - 5 trifoliate. Approximately 4-6 weeks after planting.
Forage Legumes (Established) • Alfalfa[3]	Tolerant before crop canopy closes, prior to flowering[2]	
Forage Legumes (Established)[2] • Red clover • Sainfoin • Sweet clover	Tolerant between 7.5 and 25 cm high[2]	After crop is 7.5 cm and before crop canopy closes.

[1] All crops listed for seed production are Western Canada only with the exception of alfalfa, and established sainfoin, sweet clover and red clover.
[2] For seed production, only one application of **PYTHON™ B HERBICIDE** per season is recommended. Crop injury may occur under hot, humid conditions. Speed of recovery will be influenced by growing conditions and weed control. (**SEE RESTRICTIONS AND LIMITATIONS SECTION**)
[3] Some leaf scorch may appear but the effect is transient and will outgrow within 3-4 weeks.

2021-0550
2021-06-16

PYTHON™ B HERBICIDE WEED CONTROL AND APPLICATION RATE TABLES

WEED SPECIES	RECOMMENDED TREATMENT HEIGHT (CM) FOR WEEDS	TOO LATE FOR BEST RESULTS	
		HEIGHT (CM)	LEAF STAGE
PYTHON™ B HERBICIDE at 2.25 L/ha + Assist® or XA Oil Concentrate at 1-2 L/ha			
Bird rape*	5 - 10	over 10	6-leaf
Buttercup	5 - 10	over 10	
Cleavers	4 - 8	over 8	1-3 whorl
Cocklebur	17 - 30	over 30	10-leaf
Common chickweed	1-3 weeks after emergence	Later than 3 weeks after emergence	
Common groundsel*	5 - 10	over 10	6-leaf
Common ragweed*	2 - 5	over 5	
Corn spurry	2 - 10	over 10	
Flower-of-an hour	5 - 10	over 10	4-leaf
Giant ragweed	5 - 15	over 15	
Hairy galinsoga	5 - 8	over 8	
Hairy nightshade	1 - 2	over 2	6-leaf
Jimsonweed	5 - 15	over 15	10-leaf
Lady's-thumb (smartweed)	7 - 20	over 20	10-leaf
Lamb's-quarters*	1 - 3	over 3	8-leaf
Low cudweed	2 - 5	over 5	6-leaf
Purslane	2 - 5	over 5	6-leaf
Redroot pigweed* (suppression only)	1 - 4	over 4	4-leaf
Russian thistle	2 - 8	over 8	6-leaf
Shepherd's-purse	10 - 25	over 25	6-leaf
Stinkweed	5 - 15	over 15	6-leaf
Stork's bill	4 - 10	over 10	2- to 6-leaf
Velvetleaf**	10 - 15	over 15	6-leaf
Volunteer canola	2 - 15	over 15	8-leaf
Wild mustard	12 - 25	over 25	10-leaf
Wild radish	2 - 5	over 5	6-leaf
SOYBEANS ONLY: **PYTHON™ B HERBICIDE at 2.25 L/ha + Pinnacle® at 5.5-8.0 g/ha + Assist® or XA Oil Concentrate at 1-2 L/ha**			
Controls all the above listed weed species with the following improvements:			
+Lamb's-quarters*	1 - 10	over 10	8-leaf
Redroot pigweed*	1 - 10	over 10	6-leaf
PYTHON™ B HERBICIDE at 1.75 L/ha + Assist® or XA Oil Concentrate at 1-2 L/ha			
Bird rape*	2.5 - 5.5	over 5	
Cocklebur	7.5 -17.5	over 17.5	
Flower-of-an-hour	2.5 - 5.5	over 5	
Lady's-thumb (smartweed)	2.5 -7.5	over 7.5	

Shepherd's-purse	Rosette - 10	over 10	
Stinkweed	Rosette - 5	over 5	
Velvetleaf**	5 -10	over 10	
Volunteer canola	2 -15	over 15	8-leaf
Wild mustard	2.5 -12.5	over 12.5	

+ Use 8.0 g/ha rate of **Pinnacle®** for advanced leaf staging.
* Triazine resistant strains of these weeds are controlled by **PYTHON™ B HERBICIDE**.
** **PYTHON™ B HERBICIDE** will defoliate velvetleaf 15 cm or taller, but regrowth may occur.

PYTHON™ B HERBICIDE WEED CONTROL AND APPLICATION RATE TABLES (Continued)

WEED SPECIES	RECOMMENDED TREATMENT HEIGHT (CM) FOR WEEDS	TOO LATE FOR BEST RESULTS	
		HEIGHT (CM)	LEAF STAGE
DRY COMMON BEANS ONLY: **PYTHON™ B HERBICIDE at 1.75 L/ha + Reflex® at 0.58 L/ha + Assist® or XA Oil Concentrate at 2 L/ha**			
Controls all the above listed weed species with the following improvements:			
++Common ragweed*	1 - 5	over 5	6-leaf
++Lamb's-quarters*	1 - 3	over 3	8-leaf
++Redroot Pigweed* (suppression only)	1 - 4	over 4	4-leaf
SOYBEANS ONLY: **PYTHON™ B HERBICIDE at 1.75 L/ha + Pinnacle® at 5.5-8.0 g/ha + Assist® or XA Oil Concentrate at 1-2 L/ha**			
Controls all the above listed weed species with the following improvements:			
+, ++Lamb's-quarters*	1 - 10	over 10	8-leaf
Redroot Pigweed*	1 - 10	over 10	6-leaf
PYTHON™ B HERBICIDE at 1.25 L/ha + Pursuit® at 0.312 L/ha + Nitrogen Source at 2 L/ha			
For control of nightshade (Eastern black), velvetleaf, common ragweed, redroot pigweed, barnyard grass, green and yellow foxtail, and improved control of lamb's-quarters.			
PYTHON™ B HERBICIDE at 1.75 L/ha + Pursuit® at 0.312 L/ha + Nitrogen Source at 2 L/ha Use when weeds are under stress due to environmental conditions. For control of nightshade (Eastern black), velvetleaf, common ragweed, redroot pigweed, barnyard grass, green and yellow foxtail, cocklebur, lady's thumb, wild mustard, and improved control of lamb's-quarters.			
PYTHON™ B HERBICIDE at 1.75 L/ha + Blazer® OR Ultra Blazer® at 0.63 L/ha + Assist® or XA Oil Concentrate at 1-2 L/ha			
Controls all the above listed weed species with improved control of ragweed, redroot pigweed and nightshade. Use this treatment where lamb's-quarters and weeds other than common ragweed and redroot pigweed are the dominant weed species present.			

PYTHON™ B HERBICIDE at 1.25 L/ha + Blazer® OR Ultra Blazer® at 1.25 L/ha + Assist® or XA Oil Concentrate at 1-2 L/ha			
Controls all the above listed weed species with improved control of ragweed, redroot pigweed and nightshade. Use this treatment where common ragweed and/or redroot pigweed are the dominant weed species present.			
PERENNIAL WEEDS: **PYTHON™ B HERBICIDE at 1.75 L/ha + Assist® or XA Oil Concentrate at 1-2 L/ha**			
Repeat application 7 to 15 days after 1st application (if necessary):			
Canada thistle Field bindweed** (suppression only) Yellow nutsedge	15 - 20 3 - 6 15 - 20	Over 20 over 6 over 20	

SPRING WHEAT (excluding durum): **PYTHON™ B HERBICIDE at 1.0 L/ha + 2,4-D amine or ester (470 g/L) at 0.75-1.0 L/ha**	
WEEDS	**RECOMMENDED APPLICATION TIMING**
Lady's-thumb	2– to 4-leaf
Bluebur	2- to 4-leaf
Burdock	< 4 leaf
Cocklebur	2- to 4-leaf
Common plantain	2- to 4-leaf
Daisy fleabane	2- to 4-leaf
False flax	2- to 4-leaf
Flixweed	2- to 4-leaf
Goat's beard	2- to 4-leaf
Lamb's-quarters	2- to 4-leaf
Mustard (except dog and tansy)	2- to 4-leaf
Prickly lettuce	2- to 4-leaf
Ragweed	2- to 4-leaf
Redroot pigweed	2- to 4-leaf
Russian pigweed	2- to 4-leaf
Russian thistle	2- to 4-leaf
Shepherd's purse	2- to 4-leaf
Stinging nettle	2- to 4-leaf
Stinkweed	2- to 4-leaf
Sweet clover	2- to 4-leaf
Volunteer canola	2- to 4-leaf
Wild radish	2- to 4-leaf
Wild sunflower	2- to 4-leaf

+ Use 8.0 g/ha rate of **Pinnacle**® for advanced leaf staging.
++ Second flushes of these weeds will not be controlled.
* Triazine resistant strains of these weeds are controlled by **PYTHON™ B HERBICIDE**.
** Treat field bindweed before it is dark green and has begun to trail.

PYTHON™ B 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 **PYTHON™ B HERBICIDE** rate to proportion of the total area to be sprayed.

AIRCRAFT APPLICATIONS

DO NOT APPLY **PYTHON™ B HERBICIDE** USING AERIAL APPLICATION EQUIPMENT TO: Corn, peas, fababeans, peanuts, flax, blueberries, snow peas, turf, newly-planted fruit trees, spring wheat, forage grasses and forage legumes.

Aerial applications are allowed on soybeans, dry and snap common beans only.

Apply **PYTHON™ B HERBICIDE** when weeds are in the early stages of growth recommended for treatment. Crop canopy should not be so dense as to prevent spray from thoroughly covering weeds. Use spray volumes, pressure and additives as recommended below:

SPRAY VOLUME	SPRAY PRESSURE	ADDITIVES
50 to 100 L/ha	Minimum 275 kPa	0.125 to 0.25 L **Assist®** or **XA Oil Concentrate** per hectare

Do not use **Assist®** or **XA Oil Concentrate** in excess of 0.25 L/ha as substantial crop injury could occur.

Treat when wind is less than 8 kilometres per hour. Do not apply when weather conditions may cause spray drift from target areas to adjacent crops.

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Use Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Do not apply to any body of water. Avoid drifting of spray onto any body of water or other nontarget areas. Specific buffer zones should be observed.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in finer particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

Operator Precautions
Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.
It is desirable that the pilot have communication capabilities at each treatment site at the time of application.
The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.
All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.
Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-855-264-6262 or obtain technical advice from the distributor or your provincial agricultural representative.

SPRAY DRIFT MANAGEMENT FOR GROUND AND AERIAL 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) medium classification. Boom height must be 60 cm or less above the crop or ground.

Aerial Application
DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply when wind speed is greater than 8 km/h at flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length MUST NOT exceed 65% of the wing or rotorspan.

Buffer Zones
Use of the following spray methods or equipment DO NOT require a buffer zone: hand-held or backpack sprayer, interrow hooded sprayer, spot treatment, soil drench and soil incorporation.
The 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).

Method of application	Crop	Buffer zone (metres) required for the protection of:
		Terrestrial Habitat
Field sprayer[1]	Snow peas, peas (field and processing), seedling forage grasses/legumes and established forage legumes (for seed production)	1

	Turf, soybeans, corn, peanuts, beans (snap, lima, faba), dry beans, flax, newly planted fruit trees, blueberries, spring wheat		2
Aerial	Dry common beans	Fixed and rotary wing	20
	Soybeans, snap beans	Fixed Wing	35
		Rotary wing	30

[1] For field sprayer application, buffer zones can be reduced with the use of drift reducing spray shields.
When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy, the labelled buffer zone can be reduced by 70%. When using a spray boom where individual nozzles are fitted with cone-shaped shields that are no more than 30 cm above the crop canopy, the labelled buffer zone can be reduced by 30%.

When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

MIXING

1. Clean spray tank and fill half full with clean water. Start agitation or by-pass system.
2. If required add correct amount of nitrogen source. **Note: Do not add nitrogen source when tank mixing PYTHON™ B HERBICIDE with Pinnacle®, Reflex® or 2,4-D amine or ester and Assist® or XA Oil Concentrate**.
3. If required, add the correct amount of **Pinnacle®, Pursuit®, Blazer® or Ultra Blazer®** (for use on soybeans only), **Reflex®** (for use on dry common beans only) or **2,4-D amine** or **ester** (for use on spring wheat [excluding durum]). Continuous agitation is required to keep **Pinnacle®, Pursuit®**, **Blazer®**, **Ultra Blazer®, Reflex®** or **2,4-D amine** or **ester** in suspension.

NOTE: On repeat tank loads, prepare a **Pinnacle**/water slurry in a separate container with clean water before adding to spray tank.

4. Add correct amount of **PYTHON™ B HERBICIDE** and agitate 2 to 3 minutes.
5. Add correct amount of **Assist®** or **XA Oil Concentrate** or **CITOWETT PLUS** and agitate 2 to 3 minutes. When tank mixing **PYTHON™ B HERBICIDE** with **Pinnacle®**, **Reflex®, Blazer®, Ultra Blazer®** or **2,4-D amine** or **ester**, only **Assist®** or **XA Oil Concentrate** may be used.
6. Add remainder of water, agitate and spray.
7. If an oil film starts to build up in the tank, drain and clean tank with a strong detergent solution.

RESTRICTIONS AND LIMITATIONS

Do not treat any crops not listed on this label.

Do not use **PYTHON™ B HERBICIDE** with additives, pesticides or fertilizers not specifically recommended on this label. **NOTE: Do not add nitrogen source when tank mixing PYTHON™ B HERBICIDE with Pinnacle®, Reflex®, Blazer®, Ultra Blazer® or 2,4-D amine or ester and Assist® or XA Oil Concentrate**.

Do not allow livestock to graze on **PYTHON™ B HERBICIDE** treated turf.

Do not apply **PYTHON™ B HERBICIDE** to any crops that have been subjected to stress from conditions such as hail damage, flooding, hot, humid weather, drought, widely fluctuating temperature conditions, prolonged cold weather or injury from prior herbicide applications, as crop injury may result.

Do not apply **PYTHON™ B HERBICIDE** to newly-seeded turf until seedlings are well established.

Rainfall within 6 to 8 hours of application may reduce effectiveness of spray.

When **PYTHON™ B HERBICIDE** is applied beyond recommended weed growth stages, limited to unsatisfactory weed control will result.

Cool weather conditions or drought will delay herbicide activity and if prolonged, may result in poor weed control.

PYTHON™ B HERBICIDE and **Pinnacle®, Blazer®, Ultra Blazer®** or **Pursuit®** tank mixes are registered for use in soybeans only (ground application only).

PYTHON™ B HERBICIDE and **Reflex®** tank mix (ground application only) is registered in dry common beans only.

PYTHON™ B HERBICIDE and **2,4-D amine** or **ester** tank mix is registered for use in spring wheat (excluding durum) only. **Do not apply this tank mix using aerial application equipment.** A fifty (50) day pre-harvest interval is required after application, before harvesting the treated crop.
Do not apply **PYTHON™ B HERBICIDE** within 36 days of harvest of red clover grown for seed production.

WARNING

Do not apply **PYTHON™ B HERBICIDE** when weather conditions may cause spray drift from treated areas to adjacent crops.

Lentils, adzuki and mung beans, cucumbers, sugar beets and sunflowers can be injured by **PYTHON™ B HERBICIDE**.

ENVIRONMENTAL PRECAUTIONS
The use of this chemical may result in contamination of groundwater, particularly in areas where soils are permeable (e.g. sandy soil) or the water table is shallow.

DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), or to estuarine/marine habitats.

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

TOXIC to non-target terrestrial plants. Observe buffer zones specified under SPRAY DRIFT MANAGEMENT FOR GROUND AND AERIAL APPLICATION.

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Do not take internally.
3. Avoid inhalation of vapour, dust or spray mist.
4. Avoid 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, approved respirator, 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 **PYTHON™ B HERBICIDE** with **Pinnacle®**, **Reflex®, Blazer®, Ultra Blazer®, Pursuit®** or **2,4-D amine** or **ester**, refer to **Pinnacle®**, **Reflex®, Blazer®, Ultra Blazer®, Pursuit®** or **2,4-D amine** or **ester** label for sprayer cleanup.
11. **CAUTION:** 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.

2021-0550
2021-06-16

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 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. Freezing will not harm **PYTHON™ B HERBICIDE**. Should product freeze, warm to room temperature and shake well before using.

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.