ADAMA

HERBICIDE

PYTHON™

PYTHON™ is a proven co-pack alternative, providing broad-spectrum weed control in peas and soybeans with two modes of action to combat weed resistance.

Put the squeeze on your weeds, not your bottom line with PYTHON™ from ADAMA.

Herbicide Groups:

Group 2 and 6

Active Ingredients:

PYTHON™ A:
Imazamox 80 g/L and
Bentazon 480 g/L = SL

PYTHON™ B:
Benzaton 480 g/L

Application Rates and Acres Treated:

Rate: PYTHON™ A: 101 ml/ac;
PYTHON™ B: 364 ml/ac

Acres Treated: 40 ac/case

Packaging:

Case: PYTHON™ A: 1 × 4 L jug;
PYTHON™ B: 2 × 7.26 L jug

KEY BENEFITS:

- Multiple modes of action
- Controls resistant wild mustard and volunteer canola (all types)
- Suppression of Group 2 resistant cleavers
- Flexibility of two separate products in the case
- Flexible cropping options the year after
- No complicated grower program to qualify for

HOW IT WORKS:

The PYTHON™ co-pack combines two powerful actives. PYTHON™ A (imazamox) is systemic, readily absorbed through both leaf and root uptake and PYTHON™ B (bentazon) is a contact herbicide. Good coverage and early application will give the best results.

REGISTERED CROPS:

- Dry beans
- Peas
- Soybeans

KEY WEEDS CONTROLLED:

Unless otherwise noted below, apply to young and actively growing weeds.

Broadleafs: cotyledon – 4 leaf:

- Cleavers*
- Cow cockle
- Flixweed
- Green Smartweed
- Lamb's quarters[1]
- Redroot pigweed[1]
- Prostrate pigweed[1]
- Shepherd's purse
- Stinkweed
- Stork's bill
- Volunteer canola (including Clearfield® varieties)
- Wild buckwheat
- Wild mustard

Grasses: 1 – 4 leaf or early tillering:

- Barnyard grass
- Green foxtail (including Group 1 resistant)[2]
- Japanese brome grass*
- Persian darnel
- Volunteer barley
- Volunteer canary seed
- Volunteer wheat (including non-Clearfield® varieties)
- Wild oats (including Group 1 resistant)[2]
- Yellow foxtail

*Suppression only.

[1] PYTHON™ A + PYTHON™ B will provide more consistent control of prostrate pigweed, redroot pigweed and lamb's quarters including Group 2 resistant biotypes.

[2] PYTHON™ A Herbicide will not control weed biotypes that are multiple-resistant to both Group 1 and Group 2 herbicides.

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CROP STAGING:

- Dry beans: After 1st trifoliate leaf has fully expanded up to 2nd trifoliate leaf
- Soybeans: Cotyledon – 4 leaf stage
- Peas: 3 – 6 above ground nodes

WATER VOLUME:

Ground: 40 L/ac (10 US gal/ac)
Aerial: Do not apply.

RAINFASTNESS:

6 hours
Requires UAN 28% @ 0.810 L/ac – not included.

REGISTERED AND SUPPORTED TANK MIXES:

- ARROW ALL IN®
- ARROW® 240 EC
- LEOPARD®
- Glyphosate

For tank mixes with registered pest control products, the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Buffer Zones must be followed for each product. In cases where these requirements differ between the tank-mix partner labels, the most restrictive label must be followed.

MIXING INSTRUCTIONS:

1. Thoroughly clean the sprayer by flushing the system with water containing detergent.
2. Fill clean spray tank ½ full with clean water. Start agitation system.
3. Add the required amount of PYTHON™ A. Continue to agitate.
4. Add the correct amount of PYTHON™ B. Continue to agitate.
5. Add UAN 28%.
6. Add recommended amount of adjuvant.
7. Continue to add the remaining water to fill the spray tank. Continue to agitate.
8. After any break in spraying operations, agitate thoroughly before spraying again.
9. Check inside the tank to ensure sprayer agitation is sufficient to re-mix the spray materials.
10. Immediately after use, thoroughly clean the sprayer by flushing the system with clean water containing detergent.

ADJUVANT RATE:

- Merge® at 0.5% v/v
- NORAC MSO at 0.5% v/v
- Hasten® NT Ultra at 0.5% v/v
- Agral® 90 at 0.25% v/v

CROP ROTATIONS:

- Barley
- Canary seed*
- Clearfield® Canola*
- Chickpeas
- Field corn
- Field peas
- Flax
- Lentils
- Oats
- Soybeans
- Clearfield® sunflowers
- Wheat (spring, durum*)

*If less than 150 mm of rainfall between time of application and August 31, it is strongly recommended to refrain from growing canola, durum or canary seed the following year. Contact your ADAMA representative for details.

There are several factors that effect the re-cropping following an Imidazolinone application. These include in order of importance:

1. **Product:** With imazethapyr for example being more persistent than imazamox.
2. **Soil moisture:** Need > 125 mm (5") of rain between herbicide application and August 31 in the year of application.
3. **Organic matter:** Brown soil zone (< 3% organic matter) are more susceptible to carry over crop injury the year after application.
4. **Rate:** As affected by the crop – soil residues are the issue.
5. **Soil pH:** Persists longer in a pH < 5.5 – 6.

Depending on the following crop the level of sensitivity will vary. Please contact your local ADAMA ABM for more details.

GRAZING RESTRICTIONS:

Do not graze treated crop. Peas may be fed to livestock 30 days after application.

PRE-HARVEST INTERVALS:

- Dry Beans: 75 days
- Peas: 60 days
- Soybeans: 85 days

STORAGE:

- Do not freeze.

ADAMA

Always read and follow label directions.
Toll-free: 1.855.264.6262
Website: ADAMA.COM/CANADA