



ADAMA

# QUASAR®

Proven extended weed control of shallow germinating weeds like green foxtail and wild mustard.



## GROUP 2

### Active Ingredients:

Imazamox 80 g/L and Imazethapyr 240 g/L = SL

### Application Rates and Acres Treated:

Rate:

DAVAI® 80 SL: 80 ml/ac;

PHANTOM® 240 SL: 26 ml/ac

Acres Treated: 80 ac/case

### Packaging:

Case:

DAVAI® 80 SL: 1 x 6.47 L jug;

PHANTOM® 240 SL: 1 x 2.08 L jug

### Water Volume:

Ground: 40 L/ac (10 US gal/ac)

Aerial: Do not apply.

### Rainfastness:

3 hours

### KEY BENEFITS:

- Can be used in all soil zones in Western Canada
- Lasting activity helping to control shallow germinating flushing weeds
- Convenient 80 acre package
- Can be used in peas, soybeans and dry beans
- Liquid formulation allowing for easy mixing

### HOW IT WORKS:

The two active ingredients in QUASAR® are readily absorbed through both leaf and root uptake and are translocated in the plant to inhibit amino acid production and cell division. Plant growth is inhibited and a few days after application, chlorosis and terminal bud injury become evident. Leaves and stems become yellow and purple, and root growth may be inhibited.

### REGISTERED CROPS:

- Dry beans
- Field peas
- Soybeans

### KEY WEEDS CONTROLLED:

#### Grass weeds (1–4 true leaf stage or early tillering):

- Green foxtail
- Tame oats
- Yellow foxtail
- (including Group 1 resistant)<sup>1</sup>
- Wild oats (including Group 1 resistant)<sup>1</sup>

#### Broadleaf weeds (Cotyledon to 4-leaf stage):

- Chickweed
- Lamb's quarters
- Stinkweed
- Green smartweed
- Redroot pigweed
- Wild mustard

#### Weeds suppressed:

- Barnyard grass
- Volunteer canola
- Wild buckwheat
- Volunteer barley
- (non-Clearfield®)

<sup>1</sup>The QUASAR® tank mix will not control weed biotypes that are resistant to Group 2 biotypes.



# QUASAR®

## SUPPORTED TANK-MIXES:

- ARROW® 240 EC
- ARROW ALL IN®
- Glyphosate
- LEOPARD®
- PYTHON™ B

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. Fill the spray tank  $\frac{3}{4}$  full with water.
2. Add the required amount of DAVAI® 80 SL into the sprayer.
3. Add the required amount of PHANTOM® 240 SL into the sprayer.
4. Agitate until thoroughly mixed.
5. Continue agitation and add the required amount of the tank-mix partner.
6. Continue agitation and add the required amount of recommended adjuvant.
7. Complete filling the tank to the desired level with water.

## ADJUVANT RATES:

- Methylated seed oil @ 0.5% v/v
- Non-ionic surfactant @ 0.25% v/v

Refer to the DAVAI® 80 SL and PHANTOM® 240 SL labels for complete adjuvant and rate information.

## CROP ROTATIONS:

### 1 year after application:

- Canary seed
- Chickpeas
- Clearfield® canola
- Field corn
- Wheat (durum, spring)
- Field peas
- Lentils
- Oats
- Spring barley
- Spring wheat

### 2 years after application:

- Flax
- Non-Clearfield® canola
- Sunflowers

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.

## PRE-HARVEST INTERVALS:

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

## GRAZING RESTRICTIONS:

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

## STORAGE:

- Do not freeze.
- Shake well before use.



ADAMA

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

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