



PHANTOM® 240 SL

for early-season weed control in herbicide-tolerant soybeans

BENEFITS OF PHANTOM® 240 SL (IN HERBICIDE-TOLERANT SOYBEANS)

- **Reduce early-season weed pressure:** Weeds that emerge with the crop can have a huge impact on yield (see Table 1 below). Minimizing the weeds that emerge with the crop maximizes yield potential.
- **Post-emergent application timing flexibility:** With less early-season weed pressure, time constraints on post-emergent herbicide applications are reduced. Late-flushing weeds (ie. velvetleaf or fall panicum) can also be given more time to emerge before post-emergent application, with less risk of yield loss.
- **Protect post-emergent products:** Minimizing the number of weeds that need to be controlled with post-emergent chemistries (most of which are associated with herbicide-tolerant traits) reduces the selection pressure on these products, decreasing the risk of herbicide resistance.

TABLE 1: SOYBEAN CROP LOSSES (%) FROM WEEDS THAT EMERGE AT THE SAME TIME AS THE CROP

| | 1 plant/m ² | 5 plants/m ² | 25 plants/m ² |
|---------------------------|------------------------|-------------------------|--------------------------|
| Wild mustard | 5 | 20 | 49 |
| Lamb's quarters | 13 | 38 | 63 |
| Eastern black nightshade* | 14 | 40 | 64 |

Source: OMAFRA Publication 811: Agronomy Guide for Field Crops (adapted from Table 4-17)
* Eastern black nightshade losses are also due to quality concerns.

TABLE 2: RATE RANGES

| Application Timing | Rate | When to use |
|----------------------------|--------------------------|---|
| Pre-plant/ Pre-emergent | 170 ml/ac (20 ac/jug) | Situations of heavy weed pressure When post-emergent herbicide will be delayed Higher soil organic matter (>4%) |
| | 420 ml/ha (8 ha/jug) | |
| Pre-plant/ Pre-emergent | 126 ml/ac (26 ac/jug) | Low to moderate weed pressure When post-emergent herbicide will be applied early |
| | 312 ml/ha (10 ha/jug) | |

- Imazethapyr (the active in PHANTOM® 240 SL) is effective on a wide range of weeds at both rates mentioned above. To read the reference material, scan the QR code below.
- Group 2-resistant weeds will not be controlled by either rate. Reducing pressure of non-Group 2 weeds helps ensure adequate contact with post-emergent applications on these problematic weeds (ie. Eastern black nightshade).



Scan code to read the reference material.

Always read and follow label directions.
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