
Matrix® Pre-Seed Update

May 1, 2012

Situation: *Spring has come early this year* across most of Canada's crop growing regions. In addition many fields were not treated last fall for perennial weeds. As a result, there is a lot of cropland with heavier than normal infestations of perennial, winter annual, and annual weeds.

Solution: **Get your crop off to a fast start by applying *Matrix herbicide* alone or as a tank mix partner prior to seeding**, for excellent control of a broad range of perennial and annual weeds.

Benefits: **1. Excellent, Broad-spectrum Weed Control:**

- Outstanding control of several tough winter annual and annual weeds such as: Stinkweed, flixweed, wild oats, kochia, and wild buckwheat.
- Good control of perennials such as quackgrass and dandelion, and excellent set-up for preharvest control for tough perennials such as Canada thistle.

2. Outstanding Crop Safety and higher yield potential:

- Pre-seed weed control leaves more moisture and nutrients for the crop in the critical early growth stages.
- Excellent crop safety with Matrix alone and there is a wide a range of tank mixes labeled prior to most crops.

Tips :

1. Select the Correct Rate of Matrix:

- **Rates of less than 0.37 L/ac are most economical** and can be used for a range of annual grass and broadleaved weeds, and quackgrass. Target lighter infestations and smaller weeds. **Use an adjuvant such as Ag-Surf II.**
- Higher rates (0.37L/ac or more) should be used for tougher annual weeds, perennials, and for heavier infestations and larger weeds.

2. Target the Proper Weed Stage:

- Smaller weeds are more susceptible to Matrix. For example target, volunteer canola at < 4 leaf stage and dandelion < 6 inches in diameter.

3. Tank Mixtures:

- You may need a tank mix partner if you have weeds not controlled by Matrix, such as volunteer glyphosate tolerant canola. If so, ensure you pick a herbicide partner labeled for use prior to the crop you intend to seed. For example 2,4-D can be used prior to wheat, barley, and rye, whereas MCPA Amine can be used prior to cereal crops and additional crops including corn, flax, peas, and lentils.

4. Most Important: Always read and follow the current Matrix label for directions (www.ipco.ca).