



Matrix® Pre-Seed Update

April 15, 2013

Situation: *Heavy weed pressure and late seeding* will be issues for many Canadian producers this Spring. Both of these factors can dramatically reduce crop yield potential.

Solution: Get your crop off to a fast start by applying *Matrix herbicide* alone or with 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.

Use Recommendations :

Matrix Rate (L/Acre)	** Key Weeds Controlled		Notes
	Annual grasses	Annual Broadleaves	
*0.23 – 0.3	Wild oats, green foxtail, volunteer cereals	Stinkweed, lady's thumb, wild mustard, volunteer canola (not glyphosate tolerant canola)	1 – 3 leaf stage for wild oats weeds 3 – 6 inches (8 to 15 cm)
0.38 – 0.57	Above weeds plus downy brome, Persian darnel	Above weeds plus cleavers, wild buckwheat, flixweed, common ragweed, redroot pigweed, narrow leaved hawk's-beard	Most weeds 3 – 6 inches Use higher rate for narrow leaved hawk's-beard and wild buckwheat
0.68 – 1.1	Above weeds plus annual bluegrass, crabgrass	Above weeds plus kochia, shepherd's purse, annual sowthistle	Use higher rate for weeds above 6 inches in height
*Add Ag-Surf II surfactant at 0.14 L/Acre **See Matrix label for complete list of weeds controlled at each rate			

Tank Mixtures: For Matrix tank-mix options, refer to "[Matrix Pre-Seed Herbicide Tank Mix Options](#)".

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

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