



Matrix® Pre-Seed Herbicide Tank Mix Options

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Situation: Matrix Herbicide applied prior to seeding provides excellent control of a wide range of annual and perennial weeds, with few cropping restrictions. However a **broadleaved herbicide tank mix partner can help improve control of tough weeds such as wild buckwheat, and may be required to control weeds not controlled by Matrix including volunteer glyphosate tolerant canola and potential resistant weeds including kochia.**

Solution: IPCO broadleaved herbicides including 2,4-D, MCPA, and Brotex are excellent tank mix partners for Matrix. Refer to the table below for specific rates, labeled pre-seed crops and key weeds for each Matrix tank mix partner.

Benefits:

1. Enhanced control of weeds such as wild buckwheat, compared to Matrix alone
2. Wider weed staging window than Matrix alone
3. Control of weeds not controlled by Matrix alone including volunteer glyphosate tolerant canola and group 9 resistant kochia
4. Resistance management – 2 actives

Use Recommendations :

Matrix Tank Mix Partner	Pre-Seed Rates (Litres/Acre)	Pre-Seed Crops	Key Weeds/Notes
*2,4-D	*0.2 – 0.48	Wheat, Barley, Rye	Flixweed, Stinkweed, Redroot pigweed, Narrow leaved hawk's-beard, Russian thistle Both Ester and Amine formulations are registered
**MCPA	**0.2 – 0.4	Wheat, Barley, Rye, Oats, Corn, Flax	Hempnettle, chickweed, Canada thistle Both Ester and Amine formulations are registered
		Field peas, Lentils, Chickpeas	Use MCPA Amine Formulation Only
Brotex® 240 (Bromoxynil)	0.49	Wheat, Barley, Oats	Wild buckwheat, Kochia
*Based on 600 g/L 2,4-D formulation **Based on 500 g/Litre MCPA formulation Refer to each product label for specific use rate recommendations			

For more information on Matrix pre-seed application refer to "[Matrix Pre-Seed Update](#)".

Always read and follow the current Matrix and other product labels for directions (www.ipco.ca).

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