

## DuPont™ Harmony® Extra XP herbicide

### *Harmony® Extra XP on small grains can boost profits from rotation crops*

The level of weed control in small grains directly impacts the profitability of next year's rotation crops, especially in high-value sugar beets and potatoes. Unless these crops are planted in clean fields, weed control costs can soar. Choosing an effective herbicide program in wheat, barley or oats can lower herbicide costs in next year's sugar beets and potatoes.

DuPont has developed several tank-mix combinations using DuPont™ Harmony® Extra XP herbicide to reduce weed infestations. Using these tank mixes in small grains can reduce infestations of weeds at a lower cost than programs used in sugar beets or potatoes — which means better overall management of both time and costs.

The resulting bottom-line savings — in addition to improved grain crop yields — makes the program well worth the extra investment in controlling weeds in small grains.

#### Here's how it works

Harmony® Extra XP can be applied to wheat (winter or spring), barley or winter oats from the 2-leaf crop stage to before the flag leaf is visible. It can be applied to spring oats after reaching the 3- to 5-leaf stage but before jointing. When Harmony® Extra XP is tank mixed with other herbicides, read and follow all manufacturers' label recommendations for the companion herbicide(s). If those

recommendations conflict with the Harmony® Extra XP label, do not tank mix the herbicide with Harmony® Extra XP.

In wheat, use Harmony® Extra XP at 0.4 to 0.5 ounce per acre plus the recommended tank-mix partner. In oats, use Harmony® Extra XP at 0.3 to 0.4 ounce per acre plus the recommended tank-mix partner. Harmony® Extra XP tank mixes can be applied by ground or aerial equipment. See the reverse side for tank-mix partner rates.

#### Benefits of a Harmony® Extra XP tank-mix program

- Broad-spectrum control of more than 60 broadleaf weeds, including tough ones like wild buckwheat, kochia, redroot pigweed and mustards.
- Excellent crop tolerance ensures you a harvest of clean, high-quality wheat.
- Wide window of application allows you to expand your application season while still controlling larger weeds.
- Harmony® Extra XP can now be applied with Bronate via chemigation in Idaho. This saves the cost of an extra application trip.
- Provides cleaner fields going into a rotation of sugar beets, potatoes or other high-value crops while reducing your future herbicide expense in those crops.



- Allows you to harvest faster by eliminating tough weeds that also compete for soil moisture and nutrients.

#### For more information

Contact your local DuPont crop protection retailer or DuPont representative for more information about Harmony® Extra XP herbicide from DuPont. And visit us on the Web at [harmonyextra.dupont.com](http://harmonyextra.dupont.com).



## Rates for DuPont™ Harmony® Extra XP and tank-mix partners\* in wheat

In the following combinations, the 0.5 ounce rate of Harmony® Extra XP is recommended for wheat. Lower rates may be used under optimum application conditions and light weed pressure. Check with your fieldman for the best recommendation for your weed control needs.

Harmony® Extra XP + 2,4-D or MCPA	Use Harmony® Extra XP at 0.4-0.5 oz/A + 2,4-D at ½ pt/A or MCPA at ½-¾ pt/A (4 lbs ai/gal formulations). Ester formulations have provided the best results.
Harmony® Extra XP + Banvel	Use Harmony® Extra XP at 0.4-0.5 oz/A + Banvel at 2-4 oz/A.
Harmony® Extra XP + Bronate	Use Harmony® Extra XP at 0.4-0.5 oz/A + Bronate at ¾- 1½ pt/A.
Harmony® Extra XP + Buctril	Use Harmony® Extra XP at 0.4-0.5 oz/A + Buctril at ¾- 1½ pt/A.
Harmony® Extra XP + Starane	Use Harmony® Extra XP at 0.4-0.5 oz/A + Starane at 1/3-2/3 pt/A.

\* Before tank mixing Harmony® Extra XP with other herbicides, read all labels carefully for specific weeds controlled, directions for application timing, rates and all other recommendations and precautions.

### Harmony® Extra XP works with grass herbicides

Harmony® Extra XP can be tank mixed with Axial, Discover, Everest, Osprey, Olympus, Olympus Flex and Puma for a grass and broadleaf weed control program. Read and follow all manufacturers' label recommendations for the companion herbicide(s). If those recommendations conflict with the Harmony® Extra XP label, do not tank mix the herbicide with Harmony® Extra XP.

### How to get the best results with a Harmony® Extra XP tank mix

- Use the higher spray volume when crop canopy is dense.
- Apply when weeds are small and actively growing.
- Always mix Harmony® Extra XP first in the tank, followed by companion products.

### Major weeds controlled by Harmony® Extra XP

Controlled	Partially controlled
Buckwheat: common, wild	Mayweed, stinking (dogfennel)
Buttercup, bur	Mustard: blue/purple, tumble (Jim Hill), wild
Chamomile: mayweed, scentless	Peas, volunteer
Chickweed: common, field	Pennycress, field
Fiddleneck, tarweed	Pigweed, redroot
Flixweed	Pineapple-weed
Henbit	Shepherd's-purse
Knotweed, prostrate	Sowthistle, annual
Kochia*	Sunflower: common, volunteer
Lambsquarters, common	Tansymustard
Lettuce: miner's, prickly*	Thistle, Russian*
	Mallow: common, little
	Nightshade, hairy
	Thistle, Canada

\* Naturally occurring biotypes of these weeds are known to occur. For best results, use Harmony® Extra XP in a tank with dicamba and 2,4-D; or bromoxynil and 2,4-D.

*This reference guide is not intended as a substitute for the product label for the products referenced herein. Product labels for the above products contain important precautions, directions for use and product warranty and liability limitations that must be read before using the product. Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank mix combinations.*

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