

# KEY AGRONOMIC REFERENCE FOR BURNOFF AND EXTENDED WEED CONTROL IN THE BROWN SOIL ZONES

Please refer to the product labels for complete use recommendations.

Product Name	Segment	Key Weeds & Differentiators	Crops	Agronomic Information	Blend Size (acre)
<b>Burnoff Weed Control</b>					
<b>NC-0050 herbicide</b>	Pre-seed, Chemfallow, Post-harvest	<b>Hard-hitting burndown weed control with maximum flexibility</b> PrecisionPac® NC-0050 herbicide offers powerful systemic activity by getting right to the root of your toughest weed problems for complete control. <ul style="list-style-type: none"> <li>Maximum pre-seed and re-crop flexibility</li> <li>Improves control of dandelion, narrow-leaved hawk's-beard, flixweed, volunteer glyphosate-tolerant canola, stinkweed, wild buckwheat</li> <li>Suppression of scentless chamomile and white cockle</li> </ul>	Pre-seed for cereal crops, soybeans <sup>3</sup> , alfalfa <sup>3</sup> , grasses <sup>2,3</sup> , canary seed or select pulse crops <sup>2,3</sup>	An excellent resistance management tool when tank-mixed with Aim® EC herbicide + glyphosate.  Must be applied with glyphosate (minimum 182 g ae/ac).	40 - 320
<b>DB-878 herbicide</b>	Pre-seed, Chemfallow, Post-harvest	<b>Resistance management customized to your weed spectrum</b> PrecisionPac® DB-878 herbicide is a customized burndown add-in that provides uncompromising burndown with proactive resistance management. <ul style="list-style-type: none"> <li>Controls kochia (including Groups 2 &amp; 9 resistant biotypes), narrow-leaved hawk's-beard, dandelion, wild buckwheat, flixweed, stinkweed and volunteer canola</li> </ul>	Wheat (spring or winter), durum, spring barley or oats	An excellent resistance management tool  Post-harvest: May be seeded in spring to canola, corn, lentils, oats, spring barley, soybeans, wheat (spring or durum) or white beans.	20 - 160
<b>CF herbicide</b>	Pre-seed / Pre-emergence, Post-harvest	<b>A flexible tank-mix partner for enhanced burnoff</b> PrecisionPac® CF herbicide provides effective, quick burnoff of hard-to-control weeds, all with the customizable package size and rates that make PrecisionPac® herbicides unique. <ul style="list-style-type: none"> <li>As a Group 14 herbicide, PrecisionPac® CF herbicide also controls resistant biotypes and has a low use rate for protection in a broad range of crops</li> <li>Multiple rates and tank-mix options for the best agronomic fit for weed spectrums and timings</li> </ul>	Barley, canola, chickpea, corn (field, sweet and pop), dry bean, field pea, oats, soybean, wheat (spring, durum, winter)	When applied alone, always add a surfactant: Agral® 90 and AgSurf® at 0.25% v/v or Merge® at 1% v/v. Apply at 10 gallons per acre water volume. Coverage is important for best performance. Recommended to be tank-mixed with glyphosate.	20 - 320
<b>CF-18-50 herbicide</b>	Pre-seed, Chemfallow	<b>Most versatile burnoff with powered-up performance and no re-cropping restrictions</b> <ul style="list-style-type: none"> <li>A level up from your traditional burnoff, with 3 modes of action from Group 2, 9 and 14</li> <li>Must be tank-mixed with glyphosate and can be tank mixed with 2,4-D Ester or Authority® 480 herbicide (spring &amp; durum wheat)</li> <li>The most flexible burnoff option with no re-cropping restrictions the following year</li> </ul>	Wheat (spring, durum & winter), barley, oats, dry bean, field pea, lupin and soybean	Versatile burnoff and no re-cropping restrictions. Must be tank mixed with glyphosate. Can be tank mixed with 2,4-D Ester or Authority® 480 herbicide (spring & durum wheat).	20 - 240
<b>CF-18-878 herbicide</b>	Pre-seed, Chemfallow	<b>Our best resistance management burnoff to help control the toughest-to-kill weeds</b> <ul style="list-style-type: none"> <li>Premium burnoff blend that controls over 50 weeds</li> <li>4 modes of action (2, 4, 9 &amp; 14) help delay herbicide resistance</li> </ul>	Wheat (spring, durum & winter), barley, oats	Top tier resistance management burnoff to help control the toughest-to-kill weeds. Must be tank mixed with glyphosate. Can be tank mixed with 2,4-D Ester or Authority® 480 herbicide (spring & durum wheat). Can recrop to any crop the following season.	20 - 120
<b>Extended Weed Control</b>					
<b>SZ-75 herbicide</b>	Pre-seed / Pre-emergence (up to 3 days after seeding)	<b>Best in class control of kochia</b> PrecisionPac® SZ-75 herbicide is a solution for the control of kochia and suppression of Russian thistle. <ul style="list-style-type: none"> <li>A powerful, flexible pre-emergent Group 14 herbicide for spring wheat, durum, soybeans, field peas and chickpeas.</li> <li>Best in class control of kochia, including Group 2 &amp; 9 resistant biotypes</li> <li>Controls weeds prior to weed emergence so your crop gets off to the best possible start</li> </ul>	Chickpeas, field peas, soybeans, wheat (spring and durum)	Tank mix with glyphosate, Express® SG herbicide, PrecisionPac® NC-0050 herbicide or Aim® EC herbicide for enhanced activity.  Add a supported tank mix partner if burnoff of emerged weeds is required. PrecisionPac® SZ-75 herbicide should be applied in a uniform broadcast soil application. Make one pre-plant or pre-emergence application every other year. Do not apply to soils classified as coarse-textured soils or soils with a pH of 7.8 or greater.	20 - 120
<b>SZ-0050 herbicide</b>	Pre-seed	<b>A complete solution for burnoff plus extended control of tough-to-kill broadleaf weeds</b> <ul style="list-style-type: none"> <li>A powerful combination of PrecisionPac® SZ-75 herbicide and PrecisionPac® NC-0050 herbicide which provides foliar burnoff control of narrow-leaved hawk's-beard, dandelions and volunteer canola</li> <li>Best in class control of kochia (including Group 2 &amp; 9 resistant biotypes)</li> </ul>	Field peas, soybeans, spring wheat (including durum)	PrecisionPac® SZ-0050 herbicide must be tank mixed with 182 - 328 g ae/ac of glyphosate for control of a wide range of broadleaf weeds. Do not apply to soils classified as coarse textured soils or soils with a pH greater than 7.8.	20 - 120

# KEY AGRONOMIC REFERENCE FOR IN-CROP IN THE BROWN SOIL ZONE

<b>Post-Emergent Broadleaf Weed Control</b>					
<b>PP-2525 herbicide</b>	In-crop broadleaf	<b>Gentle on crops, tough on weeds</b> For consistent, weed control in wheat (spring, durum, winter), barley and oats <sup>1</sup> , PrecisionPac® PP-2525 herbicide controls a wide spectrum of weeds including wild buckwheat, hemp-nettle, redroot pigweed, narrow-leaved hawk's-beard, cow cockle and volunteer canola <sup>1</sup> <ul style="list-style-type: none"> <li>High performance weed control that fits your farm</li> <li>Tank-mix and re-cropping flexibility</li> <li>Registered for aerial application</li> <li>For all-in-one grassy and broadleaf weed control, see CS-100-2525 below.</li> <li>Tank-mix with Perimeter® II for effective resistance management and to control cleavers, round-leaved mallow, kochia.</li> </ul>	Wheat (spring or winter), durum, barley, oats <sup>1</sup>  <sup>1</sup> Can be used on oats only when tank-mixed with MCPA Ester	Tank-mix with a graminicide for grassy weed control: Assert® 300 SC, Axial®, Axial® Xtreme, Brazen™ II, Cirray™, Clodinafop, Everest® 3.0AG / Sierra® 3.0AG, Puma® Advance, Simplicity™ GoDr™, Traxos®, Trondus™, Varro®.  Apply with a registered non-ionic surfactant at 0.2% v/v.	20 - 320
<b>DB-6654 herbicide</b>	In-crop broadleaf	<b>Superior perennial and biennial weed control</b> <ul style="list-style-type: none"> <li>Enhanced broadleaf control in spring wheat, durum and barley</li> <li>Superior control of kochia (including Group 2 resistant), Russian thistle, and wild buckwheat.</li> </ul> <p>*Do not use on Leger spring barley and Belvedere wheat varieties.</p>	Wheat* (spring, durum), barley	Premium kochia control with flexible re-cropping with no restrictions following the season after application. Tank mix with Perimeter® II for best results.	20 - 130
<b>Cross-Spectrum Grassy and Broadleaf Control</b>					
<b>CS-100-2525 herbicide</b>	In-crop grass and broadleaf control	<b>One-pass grassy and broadleaf weed control tailored to your farm</b> <ul style="list-style-type: none"> <li>PrecisionPac® CS-100-2525 herbicide offers superior control of grassy and broadleaf weeds</li> <li>Contains PP-2525 and pyroxulam grass herbicide all-in-one bag – no mixing, no fuss</li> <li>Provides control of key weeds such as Group 1-resistant wild oats, Japanese brome, narrow-leaved hawk's-beard and wild buckwheat</li> </ul>	Spring wheat and durum (3-leaf stage to before the flag leaf stage)	Tank-mix with Perimeter® II for effective resistance management and to control cleavers, round-leaved mallow and kochia. Apply with a registered non-ionic surfactant at 0.25% v/v.	20 - 200
<b>CS-75-2525 herbicide</b>	In-crop grass and broadleaf control	<ul style="list-style-type: none"> <li>To control low populations of wild oats. Plus the exceptional broadleaf activity of PP-2525</li> </ul>	Spring wheat and durum (3-leaf stage to before the flag leaf stage)	Tank-mix with Perimeter® II for effective resistance management and to control cleavers, round-leaved mallow and kochia. Apply with a registered non-ionic surfactant at 0.25% v/v.	20 - 220

<sup>1</sup>Excluding Group 2 herbicide tolerant canola.

<sup>2</sup>Refer to label for specific grass, legume forage and pulse crops.

<sup>3</sup>Injury to pulse crops, legume forage crops and selected grasses may occur on coarse-textured soils, low in organic matter (less than 3%), or in fields with variable soils, gravelly areas, sandy areas or eroded knolls. Avoid planting pulse crops, legume forage crops and selected grasses in soils containing more than 50% sand.

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