

# KEY AGRONOMIC REFERENCE FOR BURNOFF AND EXTENDED WEED CONTROL IN THE BLACK AND DARK 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><br>PrecisionPac <sup>®</sup> NC-0050 herbicide offers powerful systemic activity by getting right to the root of your toughest weed problems for complete control.<br><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 <sup>®</sup> EC herbicide + glyphosate. Must be applied with glyphosate (minimum 182 g ae/ac).   | 40 - 320          |
| <b>NC-00439 herbicide</b>      | Pre-seed, Chemfallow, Post-harvest                   | <b>Effective strength burndown with extended control</b><br>PrecisionPac <sup>®</sup> NC-00439 herbicide offers extended control of key broadleaf weeds.<br><ul style="list-style-type: none"> <li>Up to 15 days of extended control<sup>4</sup> on germinating cleavers, dandelion, narrow-leaved hawk's-beard and volunteer canola</li> <li>Control of white cockle, scentless chamomile</li> </ul>   | Pre-seed for wheat (spring or winter), durum and barley only  | Make only one application per year of products that contain metsulfuron methyl.<br>An excellent resistance management tool when tank-mixed with Aim <sup>®</sup> EC herbicide + glyphosate. Must be applied with glyphosate (minimum 182 g ae/ac).  | 50 - 320          |
| <b>DB-878 herbicide</b>        | Pre-seed, Chemfallow, Post-harvest                   | <b>Resistance management customized to your weed spectrum</b><br>PrecisionPac <sup>®</sup> DB-878 herbicide is a customized burndown add-in that provides uncompromising burndown with proactive resistance management.<br><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.<br>Post-harvest: May be seeded in spring to canola, corn, lentils, oats, spring barley, soybeans, wheat (spring or durum) or white beans. Must be applied with glyphosate (minimum 182 g ae/ac).   | 20 - 160          |
| <b>DB-878 PRO herbicide</b>    | Pre-seed, Chemfallow, Post-harvest                   | <b>Trusted kochia control with extended control of key weeds</b><br>PrecisionPac <sup>®</sup> DB-878 PRO is a new burnoff resistance management tool for kochia but also provides the extended weed control of your most difficult weeds.<br><ul style="list-style-type: none"> <li>Controls Groups 2 &amp; 9 resistance kochia</li> <li>Up to 15 days of extended control on germinating cleavers, dandelion, narrow-leaved hawk's-beard, and volunteer canola</li> <li>Enhanced activity on wild buckwheat</li> </ul>   | Wheat (spring or winter), durum, barley   | Make only one application per year of products that contain metsulfuron methyl.<br>Post-harvest: May seed into wheat, barley, oats. Must be applied with glyphosate (minimum 182 g ae/ac).  | 50-160            |
| <b>CF herbicide</b>            | Pre-seed, Pre-emerge                                 | <b>A flexible tank-mix partner for enhanced burnoff</b><br>PrecisionPac <sup>®</sup> CF herbicide provides effective, quick burnoff of hard-to-control weeds, all with the customizable package size and rates that make PrecisionPac <sup>®</sup> herbicides unique.<br><ul style="list-style-type: none"> <li>As a Group 14 herbicide, PrecisionPac<sup>®</sup> 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 <sup>®</sup> 90 and AgSurf <sup>®</sup> at 0.25% v/v or Merge <sup>®</sup> 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-18-439 herbicide</b>     | Pre-seed, Chemfallow                                 | <b>Highest performing burnoff with extended control of cleavers, volunteer canola, narrow-leaved hawk's-beard and dandelion</b><br><ul style="list-style-type: none"> <li>A premium burnoff blend for northern geographies providing control of key weeds</li> <li>With 3 modes of action from Groups 2, 9, &amp; 14 (when mixed with glyphosate), you will experience the power-up effect with fast burndown activity and lasting systemic control<sup>5</sup></li> </ul>  | Wheat (spring, durum & winter), barley  | Extended control of cleavers, volunteer canola, narrow-leaved hawk's-beard and dandelion. Must be tank mixed with glyphosate. Can be tank mixed with 2,4-D Ester.   | 50 - 240          |
| <b>CF-18-50 herbicide</b>      | Pre-seed, Chemfallow                                 | <b>Most versatile burnoff with powered-up performance and no re-cropping restrictions</b><br><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<sup>®</sup> 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 <sup>®</sup> 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><br><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 <sup>®</sup> 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><br>PrecisionPac <sup>®</sup> SZ-75 herbicide is a solution for the control of kochia and suppression of Russian thistle.<br><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 <sup>®</sup> SG herbicide, NC-0050 herbicide or Aim <sup>®</sup> EC herbicide for enhanced activity. Add a supported tank mix partner if burnoff of emerged weeds is required. PrecisionPac <sup>®</sup> 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><br><ul style="list-style-type: none"> <li>A powerful combination of PrecisionPac<sup>®</sup> SZ-75 herbicide and PrecisionPac<sup>®</sup> 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) and suppression of Russian thistle</li> </ul>  | Field peas, soybeans, spring wheat (including durum)  | PrecisionPac <sup>®</sup> 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 with a soil pH greater than 7.8.   | 20-120            |

<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.

<sup>4</sup> Degree and duration of control is dependant on weed infestation levels and environmental conditions at and following application.

Always read and follow label directions. Member of CropLife Canada.

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