






# GET YOUR CROPS OFF TO THE START THEY NEED

PRE-SEED/PRE-EMERGENT HERBICIDES					
BURNOFF					
					
<b>Active Ingredient (Group)</b>	Carfentrazone-ethyl (14)	Tribenuron-methyl (2) + Dicamba (4)	Tribenuron-methyl (2)	Tribenuron-methyl (2) + Metsulfuron-methyl (2)	Tribenuron-methyl (2) + Dicamba (4) + Carfentrazone-ethyl (14)
<b>Key Attributes</b>	<ul style="list-style-type: none"> <li>Effective, quick burnoff</li> <li>Flexible tank-mix partner for enhanced burnoff</li> </ul>	<ul style="list-style-type: none"> <li>Control of Grp 2 &amp; 9 resistant kochia</li> </ul>	<ul style="list-style-type: none"> <li>Maximum cropping flexibility &amp; application timing</li> </ul>	<ul style="list-style-type: none"> <li>Early season extended control</li> </ul>	<ul style="list-style-type: none"> <li>Quick and lasting burnoff control of tough weeds in front of cereals</li> </ul>
<b>Timing</b>	<ul style="list-style-type: none"> <li>Pre-seed burnoff</li> <li>Pre-emerge (up to 3 days after seeding)</li> <li>Post-harvest</li> </ul>	<ul style="list-style-type: none"> <li>Pre-seed burnoff</li> <li>Chemfallow</li> <li>Post-harvest</li> </ul>	<ul style="list-style-type: none"> <li>Pre-seed burnoff</li> <li>Chemfallow</li> <li>Post-harvest</li> </ul>	<ul style="list-style-type: none"> <li>Pre-seed burnoff</li> <li>Chemfallow</li> <li>Post-harvest – prior to seeding cereal</li> </ul>	<ul style="list-style-type: none"> <li>Pre-seed burnoff</li> <li>Chemfallow</li> </ul>
<b>Crops**</b>	Barley, canola, chickpea, dry bean, field corn, field pea, fall rye, flax, lentil, oats, soybean, sunflower, wheat (spring, durum, winter), triticale	Wheat (spring, durum, winter), barley, oats	Wheat (spring, durum, winter), barley, oats, pulses <sup>^^</sup> , canary seed, plus others (check label for complete listing)	Wheat (spring, durum, winter), barley, oats	Wheat (spring, durum, winter), spring barley, oats
<b>Key Weeds**</b>	Lamb's-quarters, redroot pigweed, flixweed, round-leaved mallow, stinkweed, volunteer canola, kochia	Kochia (Group 2 & 9 resistant biotypes), dandelion, flixweed, narrow-leaved hawk's-beard, stinkweed, volunteer canola, wild buckwheat (8-leaf)	Dandelion, flixweed, narrow-leaved hawk's-beard, stinkweed, volunteer canola	Up to 15 days of extended control of cleavers, dandelion, narrow-leaved hawk's-beard, volunteer canola	Kochia (Group 2 & 9 resistant biotypes), dandelion, flixweed, Russian thistle, stinkweed, volunteer canola, wild buckwheat (8-leaf), shepherd's purse
<b>Tank-mix Options<sup>^</sup></b> (on crops where both products are registered)	Recommended to be tank-mixed with glyphosate. Authority <sup>®</sup> 480 herbicide, Authority <sup>®</sup> Supreme herbicide, bromoxynil, Express <sup>®</sup> brands, MCPA ester, 2,4-D Ester	Must be tank-mixed with glyphosate. Aim <sup>®</sup> EC herbicide, CF herbicide, SZ-75 herbicide	Must be tank-mixed with glyphosate. 2,4-D Ester, Aim <sup>®</sup> EC herbicide, Authority <sup>®</sup> 480 herbicide, Authority <sup>®</sup> Supreme herbicide	Must be tank-mixed with glyphosate. Aim <sup>®</sup> EC herbicide, CF herbicide	Must be tank-mixed with glyphosate. 2,4-D Ester, Authority <sup>®</sup> 480 herbicide, SZ-75 herbicide
<b>Recropping</b>	No cropping restrictions the following year	24 hours – wheat, barley, oats <ul style="list-style-type: none"> <li>12 months – Any crop after a spring or chemfallow application</li> <li>Post-harvest – Prior Oct 1st – canola, field corn, lentils, soy beans, white beans, wheat, barley or oats. Post Oct 1st – wheat, barley or oats</li> </ul>	<ul style="list-style-type: none"> <li>24 hours - registered crops</li> <li>Any crop may be seeded the year following spring application.</li> <li>60 days after application: canola, flax</li> <li>Post-Harvest - Prior to Oct. 1st - Any registered crop plus canola and flax</li> </ul>	<ul style="list-style-type: none"> <li>24 hours/post-harvest – wheat, spring barley, oats</li> <li>10 months – canola, faba beans, field corn, field peas, soybeans, lentils, dry beans, flax, wheat, barley, oats</li> </ul>	<ul style="list-style-type: none"> <li>24 hours – wheat (spring, durum, winter), barley, oats</li> <li>Following year – any crop</li> </ul>
<b>Rate</b>	15 – 47 mL/ac (40 – 80 ac/ 1.2L jug)	80 acres / case	80 acres / jug	80 acres / jug	40 acres / jug 160 acres / case
<b>Water Volume</b>	10 US gal/ac (100 L/ha)	5 US gal/ac (50 L/ha)	5 US gal/ac (50 L/ha)	5 US gal/ac (50 L/ha)	10 US gal/ac (100 L/ha)

\*Herbicide requires 1/2" of moisture, at once, for activation.

\*\*Check on product label for complete crop & weed listing.

^Check product label for complete tank mix options.







1 Suppression

^^ Requires a NIS at 0/25% w/v or 1% Merge when not applied with glyphosate (minimum 182 g ae/acre).

^^^ Soil restrictions may apply. Check label for complete application restrictions.

Always read and follow label instructions. Member of CropLife Canada.  
 FMC, the FMC logo, Aim, Authority, Authority Strike, Command, Express, Focus and Intruvix are trademarks of FMC Corporation or an affiliate.  
 Bromotril is a trademark of ADAMA Agriculture Solutions Canada Ltd. Centurion and Select are trademarks of BASF. Broxex, Convex and Octagon are trademarks of IPCO. Aatrex is a trademark of Syngenta.  
 ©2025 FMC Corporation. All rights reserved. 19565 – 3/25

## PRE-SEED/PRE-EMERGENT HERBICIDES

	EXTENDED WEED CONTROL			COMPLETE SOLUTION		
						
<b>Active Ingredient (Group)</b>	Sulfentrazone (14)	Sulfentrazone (14) + Pyroxasulfone (15)	Clomazone (13)	Sulfentrazone (14) + Carfentrazone-ethyl (14)	Clomazone (13) + Carfentrazone-ethyl (14)	Pyroxasulfone (15) + Carfentrazone-ethyl (14)
<b>Key Attributes</b>	<ul style="list-style-type: none"> <li>Extended control of tough broadleaf weeds</li> <li>Concentrated formulation for ease of use and mixing</li> </ul>	<ul style="list-style-type: none"> <li>2-in-1 pre-emergent protection against grassy and broadleaf weeds</li> <li>Multiple modes of action for resistance management</li> </ul>	<ul style="list-style-type: none"> <li>Early, extended control of cleavers and suppression of common chickweed</li> <li>Group 13 for resistance management</li> </ul>	<ul style="list-style-type: none"> <li>Complete solution for one-pass, pre-seed weed control</li> <li>Fast burnoff and extended control of kochia and other key broadleaf weeds</li> </ul>	<ul style="list-style-type: none"> <li>Complete burnoff label to canola growers with added extended activity on cleavers and chickweed</li> </ul>	<ul style="list-style-type: none"> <li>2 actives provide complete spectrum broadleaf and grassy extended weed control with enhanced burndown</li> </ul>
<b>Timing</b>	<ul style="list-style-type: none"> <li>Pre-seed</li> <li>Pre-emerge (up to 3 days after seeding)</li> <li>Fall application</li> </ul>	<ul style="list-style-type: none"> <li>Pre-seed</li> <li>Pre-emerge (up to 3 days after seeding)</li> <li>Fall application</li> </ul>	<ul style="list-style-type: none"> <li>Pre-seed</li> <li>Dry beans – apply broadcast after seeding but prior to emergence</li> </ul>	<ul style="list-style-type: none"> <li>Pre-seed</li> <li>Pre-emerge (up to 3 days after seeding)</li> </ul>	<ul style="list-style-type: none"> <li>Pre-seed</li> </ul>	<ul style="list-style-type: none"> <li>Pre-seed</li> <li>Pre-emerge (up to 3 days after seeding)</li> <li>Fall application</li> </ul>
<b>Crops**</b>	Alfalfa (dormant, established stands only), chickpeas, faba bean, field peas, flax, sunflower, soybeans, spring and durum wheat (low rate only), tame mustard (low rate only)	Alfalfa (dormant, established stands only), field peas, chickpeas, soybeans, sunflowers	Canola, mustard (low rate only), camelina (low rate only), dry bean	Wheat (spring & durum), flax, chickpea, mustard, field pea, faba bean, soybean, sunflower	Canola, mustard (low rate of Command® Charge herbicide only)	Spring wheat (except durum), winter wheat, lentil, field corn, field pea, soybean, sunflower
<b>Key Weeds**</b>	<ul style="list-style-type: none"> <li>Kochia, Russian thistle<sup>1</sup>, cleavers<sup>1</sup>, lamb's-quarters, redroot pigweed, wild buckwheat</li> </ul>	<ul style="list-style-type: none"> <li>Grass – barnyard grass, crabgrass, green &amp; yellow foxtail, wild oats<sup>1</sup></li> <li>Broadleaf - common ragweed<sup>1</sup>, common waterhemp, kochia, palmer amaranth, pigweed (redroot, Powell) stinkweed, wild buckwheat</li> </ul>	<ul style="list-style-type: none"> <li>Extended control of cleavers (suppression at 101 mL/ac)</li> <li>Chickweed<sup>1</sup></li> </ul>	<ul style="list-style-type: none"> <li>Kochia, lamb's-quarters, powell pigweed, redroot pigweed, waterhemp, wild buckwheat, flixweed, shepherd's purse, volunteer canola</li> </ul>	<ul style="list-style-type: none"> <li>Extended control of chickweed<sup>1</sup>, cleavers (suppression at 101 mL/ac)</li> <li>Burnoff of volunteer canola, cleavers, flixweed, pigweed, shepherd's purse, Russian thistle</li> </ul>	Extended control of: <ul style="list-style-type: none"> <li>Grass - wild oats<sup>1</sup>, foxtail barley<sup>1</sup>, barnyard grass, green &amp; yellow foxtail, crabgrass</li> <li>Broadleaf – redroot pigweed, common waterhemp, kochia<sup>1</sup>, lamb's-quarters, stinkweed, wild buckwheat<sup>1</sup></li> </ul>
<b>Tank-mix Options<sup>^</sup></b> (on crops where both products are registered)	Glyphosate, Aim® EC herbicide + glyphosate, Express® SG herbicide	Glyphosate, Aim® EC herbicide + glyphosate, Express® SG herbicide	Glyphosate, Aim® EC herbicide Bromotril® 240EC herbicide, CF herbicide, IPCO Brotex® 4AT, IPCO Brotex® 240 Liquid herbicide, IPCO herbicide Octagon® herbicide	Tank mix with glyphosate or add a NIS (0.25% v/v) or 1% Merge, Aim® EC herbicide + glyphosate	Tank mix with glyphosate or add a NIS (0.25% v/v) or 1% Merge, Bromotril® 240EC herbicide, IPCO Brotex® 4AT, IPCO Brotex® 240 Liquid herbicide	Tank mix with glyphosate or add a NIS (0.25% v/v) or 1% Merge, Express® SG herbicide (soybean, spring (except durum), winter wheat and field peas), Aatrex® Liquid 480 herbicide (field corn)
<b>Recropping</b>	<ul style="list-style-type: none"> <li>4 months - winter wheat</li> <li>12 months - alfalfa, barley, canary grass, canola, field corn, oats, potatoes, spring &amp; winter wheat (high rate), mustard (high rate)</li> <li>24 months – sweet &amp; pop corn, lentils, sorghum</li> </ul>	<ul style="list-style-type: none"> <li>4 months - winter wheat</li> <li>12 months - field corn, spring &amp; durum wheat, barley, canola, mustard, oats</li> <li>24 months – lentils</li> <li>36 months – sugar beets</li> </ul>	<ul style="list-style-type: none"> <li>4 months – winter wheat</li> <li>12 months – Beans, corn, peas, potatoes, spring &amp; durum wheat, spring barley, oats, lentils, soybeans</li> <li>16 months – all other crops</li> </ul>	<ul style="list-style-type: none"> <li>4 months - winter wheat</li> <li>12 months - alfalfa, barley, canola, field corn, mustard (high rate), wheat (spring &amp; durum - high rate)</li> <li>24 months – sweet &amp; pop corn, lentils, sorghum</li> </ul>	<ul style="list-style-type: none"> <li>4 months – winter wheat</li> <li>12 months – beans, corn, peas, potatoes, spring &amp; durum wheat, spring barley, oats, lentils, soybeans</li> <li>16 months – all other crops</li> </ul>	<ul style="list-style-type: none"> <li>12 months – barley, canola, chickpeas, durum wheat, flax, mustard, oats, safflower</li> <li>24 months - sugar beets</li> </ul>
<b>Rate<sup>^^^</sup></b>	43 ac/ 3.79L jug - Spring wheat, durum, tame mustard (low rate only) 32 or 43 ac / 3.79 L jug - All other registered crops (soil and weed dependent)	50 ac/ 8 L jug (Early season control only; 1.5 - 6% O.M.) 40 ac / 8L jug (1.5-3% O.M.) 33 ac / 8L jug (3-6% O.M.)	Canola/dry beans – 134 mL/ac (40 ac/jug) Mustard/camelina – 101 mL/ac (53 ac/jug)	40 ac/ 4.52L jug - Wheat (spring, durum), mustard 28 or 40 ac/ 4.52L jug - Flax, chickpea, faba bean, field pea, sunflower, soybean	Canola – Command® Charge A: 135 mL/ac (80 ac/ case) + Command Charge B: 30 mL/ ac (80 ac/ case) Mustard – Command® Charge A: 101 mL/ac (106 ac/ case) + Command Charge B: 30 mL/ ac (80 ac/ case)	40 ac / 4.5 L jug (1-3% O.M.) 33 ac / 4.5 L jug (3-7% O.M.)
<b>Water Volume</b>	10 US gal/ac (100 L/ha)	10 US gal/ac (100 L/ha)	10 US gal/ac (100 L/ha)	10 US gal/ac (100 L/ha)	10 US gal/ac (100 L/ha)	10 US gal/ac (100 L/ha)

<sup>\*</sup>Herbicide requires 1/8" of moisture, at once, for activation. <sup>\*\*</sup>Check on product label for complete crop & weed listing. <sup>^</sup>Check product label for complete tank mix options. <sup>1</sup> Suppression <sup>^^</sup> Requires a NIS at 0.25% v/v or 1% Merge when not applied with glyphosate (minimum 182 g ac/acre). <sup>^^^</sup> Soil restrictions may apply. Check label for complete application restrictions.