

2018 Bayer Registered and Bayer Supported tank mixes of commercial class pest control products used for crop production or vegetation management

In 2010, Health Canada's Pest Management Regulatory Agency (PMRA) implemented changes that allow for the application of unlabelled tank mixes of commercial pest control products provided they are registered and applied within their respective registered use pattern.

Accordingly, users of these products are permitted by the PMRA to apply unlabelled tank mixes of registered pest control products subject to the following conditions:

1. Each tank mix partner is registered for use in Canada on the crop of interest, including genetically modified crops.
2. The tank mix only includes an adjuvant when specifically required by one of the tank mix partner labels. If an adjuvant is not required on the label of any tank mix partner, then no adjuvant may be added to the tank mix.
3. The application timings of all tank mix partners are compatible with regards to crop and pest staging.
4. Each tank mix partner is applied in accordance with its registered product label (e.g. Directions for Use, Precautions, Buffer Zones, etc.). In cases where information on the tank mix partner labels differs between them, the most restrictive directions must be followed.
5. The tank mix is not specifically excluded or contraindicated on either tank mix partner label.
6. The use of the tank mix provides additional value to the user (e.g. increased scope of pests controlled, contributes to resistance management or integrated pest management, cost- or time-savings).



Suite 130, 160 Quarry Park Blvd. SE, Calgary, AB T2C 3G3

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General precautionary statement:

In some cases, tank mixing pest control products can result in reduced biological activity (antagonism = reduced efficacy), or increased biological activity (synergism = increased host injury). If a grower uses, or if anyone including any retail, crop advisor, agronomist or provincial extension personnel makes a recommendation to use, unlabelled tank mixes not approved by Bayer in writing they are assuming all liability, and Bayer disclaims any liability, for:

1. Any antagonistic or synergistic effects of the unlabelled tank mixes; and
2. The use of the Bayer product.

What does Bayer support in relation to this new tank mix policy?

Bayer will only support the use of Bayer products with tank mixes presently listed on Bayer product labels or with the unlabelled tank mixes listed in this document.



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Summary of Registered and Unlabelled, Bayer Supported Tank Mixes

Herbicides				
Buctril® M				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
Ally®	Registered	1. Ally 2. Buctril M 3. NIS	Barley and Wheat	Used for hemp-nettle and chickweed as well as labelled weeds.
Axial®	Registered	1. Buctril M 2. Axial BIA	Spring barley and Spring wheat	Adigor at 283 mL/ac. Do not apply by aerial application. Only apply this mix to wheat that is not underseeded to legumes.
Centurion®/Select®	Registered	1. Buctril M 2. Centurion 3. Amigo	Flax	Cannot be applied by air.
Everest®	Registered	1. Everest 2. Buctril M 3. NIS	Spring wheat	Non-ionic @ 0.25% v/v. Do not apply by aerial application.
Horizon® NG	Registered	1. Buctril M 2. Horizon NG	Wheat	For control of Persian Darnel, increase Horizon rate to 117 mL/ac. and Score to 1% v/v.
Liquid Achieve™	Registered	1. Achieve 2. Buctril M 3. Turbo-charge	Durum and Spring wheat	Do not apply by air. + Turbocharge @ 0.5% v/v.
Luxxur™	Supported	1. Luxxur A 2. AMS (0.5L/ac in Wheat) 3. Luxxur B 4. Buctril M 5. NIS (0.25% v/v in Durum)	Durum, Spring and Winter wheat	Tank mixtures containing bromoxynil will result in rapid, tissue necrosis of target weeds, thereby limiting uptake and systemic movement of the Luxxur component on Canada Thistle and dandelion.
MCPA Ester	Registered	1. Buctril M 2. MCPA	Barley, Oats and Wheat	To increase control of volunteer canola and hemp-nettle, add 2 to 4 oz of MCPA. MCPA K is preferred for hemp-nettle. Do not add more than 4 active ounces, beware of antagonistic effects of mixing a Group 1 and Group 4.
Poast®	Registered	1. Buctril M 2. Poast	Flax	Do not use on low linolenic varieties. Do not spray when flax is under stress.
Puma® Advance	Registered	1. Buctril M 2. Puma Advance	Barley and Wheat	
Refine® SG	Registered	1. Refine 2. Buctril M 3. NIS	Barley and Wheat	Usually used when targeting hemp-nettle, redroot pigweed, chickweed.
Refine SG + Puma Advance	Registered	1. Refine 2. Buctril M 3. Puma Advance	Barley and Wheat	



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Buctril M Cont.				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
Select	Registered	1. Buctril M 2. Select 3. Merge	Flax	Cannot be applied by air, otherwise crop damage or poor control may result.
Sevin® XLR Plus	Supported	1. Sevin XLR Plus 2. Buctril M	Barley, Oats, Durum, Spring and Winter Wheat	
Tilt®	Supported	1. Tilt 2. Buctril M	Barley, Oats, Durum, Spring and Winter Wheat	
Traxos®	Supported	1. Buctril M 2. Traxos	Durum and Spring wheat	
Varro®	Registered	1. Varro 2. Buctril M	Wheat	



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Centurion®				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
Buctril M	Registered	1. Buctril M 2. Centurion 3. Amigo	Flax	Do not spray when plants are under distress or in hot humid weather. Flax must be at least 2" high before spraying. Use high water and avoid the heat of the day to minimize injury and burn.
Curtail™ M	Registered	1. Curtail M 2. Centurion 3. Amigo	Flax (except low linolenic varieties)	
Decis®	Supported	1. Decis 2. Centurion 3. Amigo	All crops that both products are registered on	
Headline®	Supported	1. Headline 2. Centurion 3. Amigo	Chickpeas, Dry beans, Field peas, Lentils	For specific dry bean cultivars consult product labels.
Liberty® 150 SN	Registered	1. Amigo 2. Liberty 3. Centurion	LibertyLink canola	
Lontrel™	Registered	1. Lontrel 2. Centurion 3. Amigo (0.5% v/v)	Canola and flax (except low linolenic varieties)	
MCPA Ester	Registered	1. MCPA 2. Centurion 3. Amigo	Flax (except low linolenic varieties)	
Muster®	Registered	1. Muster 2. Centurion 3. Amigo	Canola	
Odyssey®	Supported	1. Odyssey 2. Centurion 3. Amigo	Clearfield Canola, Clearfield Lentils, Field peas and Seedling Alfalfa	
Proline®	Supported	1. Proline 2. Centurion 3. Amigo	Chickpeas and Lentils	
Pursuit®	Registered	1. Pursuit 2. Centurion 3. Amigo	Clearfield Canola and Field peas	
Quadris®	Supported	1. Quadris 2. Centurion 3. Amigo	Chickpeas, Dry beans, Field peas and Lentils	For specific dry bean cultivars consult product labels. Amigo @ 0.5% v/v.
Quilt®	Supported	1. Quilt 2. Centurion 3. Amigo	Chickpeas, Dry beans, Field peas and Lentils	
Sevin XLR Plus	Supported	1. Sevin XLR Plus 2. Centurion 3. Amigo	All crops that both products are registered on	



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Infinity®				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
2,4-D Ester	Supported	1. Infinity 2. 2,4-D Ester	Barley, Durum, Spring and Winter wheat	Add 2,4-D Ester at 140 to 280 g ai/ha (2 to 4 active ounces/acre). When mixing with a graminicide, addition of 2,4-D Ester may result in reduced grass control under drought conditions, heavy grass populations or advanced grass stages. With addition of 2,4-D minimum crop growth stage is 4 leaf.
2,4-D Ester + AMS	Registered for control of stork's-bill	1. AMS 2. Infinity 3. 2,4-D Ester	Barley, Durum, Spring and Winter wheat	Add 2,4-D Ester at 280 g ai/ha (4 active ounces/acre). When mixing with a graminicide, addition of 2,4-D Ester may result in reduced grass control under drought conditions, heavy grass populations or advanced grass stages. With addition of 2,4-D minimum crop growth stage is 4 leaf.
Axial	Registered	1. Infinity 2. Axial	Barley and Spring wheat	Apply when the annual grass weeds are at the 1- to 6-leaf, prior to 4th tiller, stage of growth.
Axial + Tilt	Supported	1. Tilt 2. Infinity 3. Axial 4. Adigor	Barley and Spring wheat	Temporary crop injury may be observed when AMS is included for enhanced broadleaf weed control.
Decis	Supported	1. Decis 2. Infinity	Barley, Durum and Spring wheat	
Horizon NG	Registered	1. AMS 2. Infinity 3. Horizon NG	Durum and Spring wheat	
Liquid Achieve	Registered	1. AMS 2. Achieve 3. Infinity 4. Turbo-charge	Barley, Durum, Spring and Winter wheat	
Lontrel	Supported	1. Infinity 2. Lontrel	Barley, Durum and Spring Wheat	
Luxxur	Supported	1. Luxxur A 2. AMS (0.5L/ac in Wheat) 3. Luxxur B 4. Infinity 5. NIS (0.25% v/v in Durum)	Durum, Spring and Winter wheat	Tank mixtures containing bromoxynil will result in rapid, tissue necrosis of target weeds, thereby limiting uptake and systemic movement of the Luxxur component on Canada Thistle and dandelion.
MCPA Ester	Supported	1. Infinity 2. MCPA Ester	Barley, Durum, Spring and Winter wheat	Add MCPA Ester at 140 to 280 g ai/ha (2 to 4 active ounces/acre). When mixing with a graminicide, addition of MCPA Ester may result in reduced grass control under drought conditions, heavy grass populations or advanced grass stages. With addition of MCPA minimum crop growth stage is 3 leaf.
Puma Advance	Registered	1. AMS 2. Infinity 3. Puma Advance	Barley, Durum and Spring wheat	



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Infinity® Cont.				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
Puma Advance + Tilt	Supported	1. Tilt 2. Infinity 3. Puma Advance	Barley and Spring wheat	Temporary crop injury may be observed when AMS adjuvant is included for enhanced weed control.
Sevin XLR Plus	Supported	1. Sevin XLR Plus 2. Infinity	Barley, Durum and Spring wheat	
Tilt	Supported	1. Tilt 2. Infinity	Barley, Durum, Spring and Winter wheat	
Traxos	Supported	1. Infinity 2. Traxos	Durum and Spring wheat	
Traxos + Tilt	Supported	1. Tilt 2. Infinity 3. Traxos	Durum and Spring wheat	
Varro	Registered	1. Varro 2. Infinity	Durum, Spring and Winter Wheat	



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Infinity FX				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
2,4-D Ester	Supported	1. FX Herbicide 2. Infinity 3. 2,4-D Ester	Barley, Durum, Spring wheat	Add 2,4-D Ester at 140 to 280 g ai/ha (2 to 4 active ounces/acre). When mixing with a graminicide, addition of 2,4-D Ester may result in reduced grass control under drought conditions, heavy grass populations or advanced grass stages. With addition of 2,4-D minimum crop growth stage is 4 leaf.
2,4-D Ester + AMS	Registered for control of stork's-bill	1. AMS 2. FX Herbicide 3. Infinity 4. 2,4-D Ester	Barley, Durum, Spring wheat	Add 2,4-D Ester at 280 g ai/ha (4 active ounces/acre). When mixing with a graminicide, addition of 2,4-D Ester may result in reduced grass control under drought conditions, heavy grass populations or advanced grass stages. With addition of 2,4-D minimum crop growth stage is 4 leaf.
Axial BIA	Registered	1. FX Herbicide 2. Infinity 3. Axial BIA	Barley and Spring wheat	Apply when the annual grass weeds are at the 1- to 6-leaf, prior to 4th tiller, stage of growth.
Decis	Supported	1. Decis 2. FX Herbicide 3. Infinity	Barley, Durum and Spring wheat	
Horizon NG	Supported	1. FX Herbicide 2. Infinity 3. Horizon NG	Durum and Spring wheat	
Liquid Achieve	Registered	1. Achieve 2. FX Herbicide 3. Infinity 4. Turbo-charge	Barley, Durum, Spring wheat	
Lontrel	Supported	1. FX Herbicide 2. Infinity 3. Lontrel	Barley, Durum and Spring Wheat	
Luxxur	Supported	1. Luxxur A 2. AMS (0.5L/ac in Wheat) 3. Luxxur B 4. Infinity 5. FX 6. NIS (0.25% v/v in Durum)	Durum, Spring and Winter wheat	Tank mixtures containing bromoxynil will result in rapid, tissue necrosis of target weeds, thereby limiting uptake and systemic movement of the Luxxur component on Canada Thistle and dandelion.



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Infinity FX Cont.				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
MCPA Ester	Supported	1. FX Herbicide 2. Infinity 3. MCPA Ester	Barley, Durum, Spring wheat	Add MCPA Ester at 140 to 280 g ai/ha (2 to 4 active ounces/acre). When mixing with a graminicide, addition of MCPA Ester may result in reduced grass control under drought conditions, heavy grass populations or advanced grass stages. With addition of MCPA minimum crop growth stage is 3 leaf.
Puma Advance	Registered	1. FX Herbicide 2. Infinity 3. Puma Advance	Barley, Durum, Spring wheat	
Sevin XLR Plus	Supported	1. Sevin XLR Plus 2. FX Herbicide 3. Infinity	Barley, Durum and Spring wheat	
Tilt	Supported	1. Tilt 2. FX Herbicide 3. Infiity	Barley, Durum, Spring wheat	
Traxos	Supported	1. FX Herbicide 2. Infinity 3. Traxos	Durum and Spring wheat	
Varro	Registered	1. AMS 2. Varro 3. FX Herbicide 4. Infinity	Durum, Spring Wheat	
Ammonium Sulphate at 500 g/ha (99%) or 1 L/ha (49% solution) or 1.25 L/ha (40% solution) may be added for improved broadleaf weed control. If using an ammonium sulphate product with a different concentration, adjust the rate accordingly.				



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Liberty				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
Centurion	Registered	1. Amigo 2. Liberty 3. Centurion	LibertyLink Canola	Amigo @ 0.5% v/v. The crops in this table are tolerant to Centurion at all stages of growth. However, you must observe the PHI as specified on the label. Do not apply to flowering crops (PHI issue).
Centurion + Decis	Supported	1. Amigo 2. Liberty 3. Centurion 4. Decis	LibertyLink Canola	
Centurion + Sevin XLR Plus	Supported	1. Amigo 2. Sevin XLR Plus 3. Liberty 4. Centurion	LibertyLink Canola	
Decis	Supported	1. Liberty 2. Decis	LibertyLink Canola	
Sevin XLR Plus	Supported	1. Sevin XLR Plus 2. Liberty	LibertyLink Canola	



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Luxxur				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
Unless otherwise noted for all Luxxur tank mixes add AMS (spring wheat) or NIS (durum wheat) for enhanced grass control.				
2,4-D Ester	Supported	1. Luxxur A 2. AMS (0.5L/ac in Wheat) 3. Luxxur B 4. 2,4-D 5. NIS (0.25% v/v in Durum)	Durum, Spring and Winter wheat	2,4-D for improved Stork's-bill control. Minimum of 4 leaf crop stage
Buctril M	Supported	1.Luxxur A 2. AMS (0.5L/ac in Wheat) 3.Luxxur B 4.Buctril M 5. NIS (0.25% v/v in Durum)	Durum, Spring and Winter wheat	Tank mixtures containing bromoxynil will result in rapid, tissue necrosis of target weeds, thereby limiting uptake and systemic movement of the Luxxur component on Canada Thistle and dandelion.
Curtail M	Supported	1. Luxxur A 2. AMS (0.5L/ac in Wheat) 3. Luxxur B 4. Curtail M 5. NIS (0.25% v/v in Durum)	Durum, Spring wheat	
Frontline XL	Supported	1.Luxxur A 2. AMS (0.5L/ac in Wheat) 3. Frontline XL 4.Luxxur B 5. NIS (0.25% v/v in Durum)	Durum, Spring wheat	
Infinity	Supported	1. Luxxur A 2. AMS (0.5L/ac in Wheat) 3. Luxxur B 4. Infinity 5. NIS (0.25% v/v in Durum)	Durum, Spring and Winter wheat	Tank mixtures containing bromoxynil will result in rapid, tissue necrosis of target weeds, thereby limiting uptake and systemic movement of the Luxxur component on Canada Thistle and dandelion.
Infinity FX	Supported	1. Luxxur A 2. AMS (0.5L/ac in Wheat) 3.Luxxur B 4. Infinity 5. FX 6. NIS (0.25% v/v in Durum)	Durum, Spring and Winter wheat	Tank mixtures containing bromoxynil will result in rapid, tissue necrosis of target weeds, thereby limiting uptake and systemic movement of the Luxxur component on Canada Thistle and dandelion.
MCPA Ester	Supported	1. Luxxur A 2. AMS (0.5L/ac in	Durum, Spring and Winter wheat	



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		Wheat) 3. Luxxur B 4. MCPA 5. NIS (0.25% v/v in Durum)		
Luxxur Cont.				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
OcTTain	Supported	1. Luxxur A 2. AMS (0.5L/ac in Wheat) 3. Luxxur B 4. OcTTain 5. NIS (0.25% v/v in Durum)	Durum, Spring and Winter wheat	Minimum of 4 leaf crop stage as per OcTTain label.
Paradigm	Supported	1. Paradigm 2. Luxxur A 3. AMS (0.5L/ac in Wheat) 4. Luxxur B 5. NIS (0.25% v/v in Durum)	Durum, Spring and Winter wheat	
Pixxaro	Supported	1. Luxxur A 2. AMS (0.5L/ac in Wheat) 3. Luxxur B 4. Pixxaro 5 Pixxaro B	Durum, Spring and Winter wheat	When Luxxur is tank mixed with Pixxaro, NIS is not required for broadleaf control.
Prestige™	Supported	1. Luxxur A 2. AMS (0.5L/ac in Wheat) 3. Luxxur B 4. Prestige 5. NIS (0.25% v/v in Durum)	Durum, Spring wheat	
Stellar™	Supported	1. Luxxur A 2. AMS (0.5L/ac in Wheat) 3. Luxxur B 4. Stellar 5. NIS (0.25% v/v in Durum)	Durum, Spring wheat	
Thumper	Supported	1. Luxxur A 2. AMS (0.5L/ac in Wheat) 3. Luxxur B 4. Thumper 5. NIS (0.25% v/v in Durum)	Durum, Spring and Winter wheat	Minimum of 4 leaf crop Tank mixtures containing bromoxynil will result in rapid, tissue necrosis of target weeds, thereby limiting uptake and systemic movement of the Luxxur component on Canada Thistle and dandelion.



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Trophy	supported	1. Luxxur A 2. AMS (0.5L/ac in Wheat) 3. Luxxur B 4. Trophy A 5. Trophy B 6. NIS (0.25% v/v in Durum)	Durum, Spring and Winter wheat	
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Pardner				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
2,4-D Ester	Registered	1. 2,4 -D Ester 2. Pardner	Barley and Wheat	
Accent + NIS	Registered	1. Accent 2. Pardner 3. NIS	Field corn	
Banvel	Registered	1. Banvel 2. Pardner	Field corn	
Horizon NG	Registered	1. Horizon NG 2. Pardner	Wheat	
Liquid Achieve	Registered	1. Liquid Achieve 2. Pardner	Barley and Wheat	
MCPA Ester	Registered	1. MCPA Ester 2. Pardner	Barley, Canary seed, Fall rye, Flax, Oats, Seedling grasses and Wheat	
Roundup WeatherMAX	Registered	1. Pardner 2. Roundup WeatherMAX	Min or Zero till or prior to seeding canola	
Roundup WeatherMAX + Command	Supported	1. Pardner 2. Roundup WeatherMax 3. Command	Min or Zero till or prior to seeding canola	
Sevin XLR Plus	Supported	1. Sevin XLR Plus 2. Pardner	All crops that both products are registered on	



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Puma Advance				
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2,4-D Ester	Registered	1. 2,4-D Ester 2. Puma Advance	Barley and Wheat	
Ally	Registered	1. Ally 2. Puma Advance	Wheat	
Attain™ XC	Registered	1. Attain XC 2. Puma Advance	Wheat	
Barricade®	Supported	1. Barricade 2. Puma Advance	Barley, Durum, Spring and Winter wheat	
Buctril M	Registered	1. Buctril M 2. Puma Advance	Barley and Wheat	
Curtail M	Registered	1. Curtail M 2. Puma Advance	Barley and Wheat	
Dichlorprop-D	Registered	1. Dichlorprop-D 2. Puma Advance	Barley and Wheat	
Decis	Supported	1. Decis 2. Puma Advance	Barley and Wheat	
Dyvel®	Registered	1. Dyvel 2. Puma Advance	Barley and Wheat	
Dyvel Ds	Registered	1. Dyvel Ds 2. Puma Advance	Wheat	
Estaprop®	Registered	1. Estaprop 2. Puma Advance	Barley and Wheat	
Express Pack®	Registered	1. Express Pack 2. Puma Advance	Barley and Wheat	Registered for foxtail only. Will not perform on wild oats.
Frontline™	Registered	1. Frontline 2. Puma Advance	Barley and Wheat	Registered for foxtail only. Will not perform on wild oats.
Grow TTF™	Supported	1. Grow TTF 2. Puma Advance	Barley, Durum and Spring wheat	
Infinity	Registered	1. Infinity 2. Puma Advance	Barley and Wheat	
Infinity FX	Registered	1. FX Herbicide 2. Infinity 3. Puma Advance	Barley, Durum, Spring wheat	
Lontrel 360	Registered	1. Lontrel 360 2. Puma Advance	Wheat	
MCPA Amine	Registered	1. MCPA Amine 2. Puma Advance	Barley and Wheat	
MCPA Ester	Registered	1. MCPA Ester 2. Puma Advance	Barley and Wheat	
Mecoprop	Registered	1. Mecoprop 2. Puma Advance	Wheat	
Momentum®	Supported	1. Momentum 2. Puma Advance	Barley, Durum and Spring wheat	
OcTTain®	Supported	1. OcTTain 2. Puma Advance	Durum and Spring wheat	Minimum of 4 leaf crop stage as per OcTTain label.
Pixxaro®	Supported	1. Pixxaro 2. Puma Advance	Barley, Durum and Spring wheat	

Puma Advance Cont.



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Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
Prestige™	Registered	1. Prestige 2. Puma Advance	Barley and Wheat	
Prestige XC	Registered	1. Prestige XC 2. Puma Advance	Barley and Wheat	
Refine SG	Registered	1. Refine SG 2. Puma Advance	Barley and Wheat	
Sevin XLR Plus	Supported	1. Sevin XLR Plus 2. Puma Advance	Barley, Durum and Spring wheat	
Spectrum®	Registered	1. Spectrum 2. Puma Advance	Barley and Wheat	Registered for foxtail only. Will not perform on wild oats.
Thumper®	Registered	1. Thumper 2. Puma Advance	Barley and Wheat	
Tilt	Supported	1. Tilt 2. Puma Advance	Barley, Durum and Spring wheat	
Triton® C	Registered	1. Triton C 2. Puma Advance	Barley and Wheat	
Trophy®	Registered	1. Trophy 2. Puma Advance	Barley and Wheat	
Turboprop® 600	Registered	1. Turboprop 600 2. Puma Advance	Barley and Wheat	
Unity™	Registered	1. Unity 2. Puma Advance	Barley and Wheat	



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Sencor				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
MCPA Na-salt	Registered	1. Sencor 2. MCPA	Peas	



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Thumper				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
2,4-D Ester	Supported	1. Thumper 2. 2,4-D	Barley, Durum and Spring wheat	Add 2,4-D Ester at 140 g ai/ha (2 active ounces/acre) for enhanced broadleaf control. When mixing with a graminicide, addition of 2,4-D Ester may result in reduced grass control under drought conditions, heavy grass populations or advanced grass stages.
Decis	Supported	1. Decis 2. Thumper	Barley, Durum and Spring wheat	
Horizon NG	Registered	1. Thumper 2. Horizon NG	Durum and Spring wheat	Used for Persian Darnel.
Liquid Achieve	Registered	1. Achieve 2. Thumper 3. Turbocharge	Barley, Durum and Spring wheat	
Luxxur	Supported	1. Luxxur A 2. AMS (0.5L/ac in Wheat) 3. Luxxur B 4. Thumper 5. NIS (0.25% v/v in Durum)	Durum, Spring and Winter wheat	Minimum of 4 leaf crop stage Tank mixtures containing bromoxynil will result in rapid, tissue necrosis of target weeds, thereby limiting uptake and systemic movement of the Luxxur component on Canada Thistle and dandelion.
Puma Advance	Registered	1. Thumper 2. Puma Advance	Barley and Wheat	
Sevin XLR Plus	Supported	1. Sevin XLR Plus 2. Thumper	Barley, Durum and Spring wheat	
Tilt	Supported	1. Tilt 2. Thumper	Barley, Durum and Spring wheat	
Varro	Registered	1. Varro 2. Thumper	Durum, Spring and Winter Wheat	



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Tundra				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
2,4-D Ester	Supported	1. Tundra 2. 2,4-D Ester	Barley, Durum and Spring wheat	Add 2,4-D Ester at 140 to 280 g ai/ha (2 to 4 active ounces/acre). The addition of 2,4-D Ester may result in reduced grass control under drought conditions, heavy grass populations or advanced grass stages. With addition of 2,4-D minimum crop growth stage is 4 leaf.
2,4-D Ester + AMS	Registered	1. AMS 2. Tundra 3. 2,4-D Ester	Barley, Durum and Spring wheat	
Decis	Supported	1. Decis 2. Tundra	Barley, Durum and Spring wheat	
Lontrel	Supported	1. Lontrel 2. Tundra	Barley, Durum and Spring wheat	
MCPA Ester	Supported	1. Tundra 2. MCPA Ester	Barley, Durum and Spring wheat	Add MCPA Ester at 140 to 280 g ai/ha (2 to 4 active ounces/acre). The addition of MCPA Ester may result in reduced grass control under drought conditions, heavy grass populations or advanced grass stages.
Sevin XLR Plus	Supported	1. Sevin XLR Plus 2. Tundra	Barley, Durum and Spring wheat	
Tilt	Supported	1. Tilt 2. Tundra	Barley and Spring wheat	Temporary crop injury may be observed when AMS adjuvant is included for enhanced weed control.



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Varro				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
Unless otherwise noted for all Varro tank mixes add AMS (spring wheat) or NIS (durum wheat) for enhanced grass control.				
2,4-D Ester	Registered	1. AMS (0.5L/ac in Wheat) 2. Varro 3. 2,4-D 4. NIS (0.25% v/v in Durum)	Durum and Spring wheat	2,4-D for improved Stork's-bill control.
Attain XC	Registered	1. Varro 2. Attain XC	Spring wheat	
Attain XC	Supported	1. Varro 2. Attain XC	Durum wheat	
Barricade/ Barricade II	Supported	1. Barricade SG 2. Varro 3. Perimeter II	Durum and Spring wheat	Add AMS (spring wheat) or NIS (durum wheat) for enhanced grass control. Add MCPA (4 active ounces/acre) for volunteer Clearfield canola or Group 2 resistant weeds.
Barricade M	Supported	1. Barricade M 2. Varro	Durum and Spring wheat	Add AMS (spring wheat) or NIS (durum wheat) for enhanced grass control.
Buctril M	Registered	1. Varro 2. Buctril M	Durum and Spring wheat	
Buctril M	Supported	1. Varro 2. Buctril M	Winter wheat	
Cirpreme	Supported	1. AMS (if applied in spring wheat) 2. Paradigm 3. Varro 4. Lontrel 360/XC 5. NIS (if applied in durum)*	Durum and Spring wheat	When Varro is tank mixed with Paradigm, non-ionic surfactant (NIS) is not required for broadleaf control if MCPA or AMS is added in the tank mixture.
Curtail M	Registered	1. AMS 2. Varro 3. Curtail M	Spring wheat	In Spring wheat add AMS adjuvant when tank mixing with Momentum herbicide. Use NIS adjuvant in Durum wheat.
Frontline XL	Registered	1. Varro 2. Frontline XL	Spring wheat	
Grow TTF	Supported	1. Grow TTF 2. Varro	Durum and Spring wheat	
Infinity	Registered	1. Varro 2. Infinity	Durum, Spring and Winter wheat	
Infinity FX	Registered	1. AMS 2. Varro 3. FX Herbicide 4. Infinity	Durum, Spring and Winter wheat	
MCPA Ester	Registered	1. AMS (0.5L/ac in Wheat) 2. Varro 3. MCPA 4. NIS (0.25% v/v in Durum)	Durum and Spring wheat	
Momentum	Supported	1. AMS 2. Varro 3. Momentum 4. NIS (in Durum wheat)	Durum and Spring wheat	In Spring wheat add AMS adjuvant when tank mixing with Momentum herbicide. Use NIS adjuvant in Durum wheat.



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Varro® Cont.				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
OcTTain	Supported	1. Varro 2. OcTTain	Durum and Spring wheat	Minimum of 4 leaf crop stage as per OcTTain label.
Paradigm	Supported	1. AMS 2. Paradigm 3. Varro	Durum, Spring and Winter wheat	When Varro is tank mixed with Paradigm, non-ionic surfactant (NIS) is not required for broadleaf control if MCPA or AMS is added in the tank mixture.
Pixxaro	Supported	1. AMS 2. Varro 3. Pixxaro 4. Pixxaro B	Durum, Spring and Winter wheat	When Varro is tank mixed with Pixxaro, NIS is not required for broadleaf control.
PP-23235	Supported	1. PP-23235 2. Varro	Durum and Spring wheat	Add MCPA Ester at 280 g ai/ha (4 active ounces/acre) if required.
PP-2525	Supported	1. PP-2525 2. Varro	Durum and Spring wheat	Add MCPA Ester at 280 g ai/ha (4 active ounces/acre) if required.
PP-31155	Supported	1. PP-31155 2. Varro	Durum and Spring wheat	Add MCPA Ester at 280 g ai/ha (4 active ounces/acre) if required.
Prestige™	Supported	1. AMS 2. Varro 3. Prestige 4. NIS (in Durum wheat)	Durum and Spring wheat	In Spring wheat add AMS adjuvant when tank mixing with Prestige herbicide. Use NIS adjuvant in Durum wheat.
Refine M / Broadside	Supported	1. Refine M 2. Varro	Durum and Spring wheat	
Refine SG	Registered	1. Refine 2. Varro	Spring wheat	
Refine SG + 2,4-D Ester	Registered	1. Refine 2. Varro 3. 2,4-D	Spring wheat	
Refine SG + MCPA Ester	Registered	1. Refine 2. Varro 3. MCPA	Spring wheat	Improved Canada Thistle control.
Retain™ SG	Supported	1. Varro 2. Retain	Durum and Spring wheat	
Stellar™	Supported	1. Varro 2. Stellar	Durum and Spring wheat	
Thumper	Registered	1. Varro 2. Thumper	Durum, Spring and Winter wheat	
Tilt	Supported	1. Varro 2. Tilt	Spring and Winter wheat	Temporary crop injury may be observed when AMS adjuvant is included for enhanced weed control. Studies show that greatest Return on Investment using a foliar fungicide occurs when applied at the head and flag leaf timings.
Travallas™	Supported	1. Travallas 2. Varro	Durum and Spring wheat	



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Velocity m3				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
2,4-D Ester	Supported	1. Velocity m3 2. 2,4-D Ester	Durum, Spring and Winter wheat	Add 2,4-D Ester at 140 to 280 g ai/ha (2 to 4 active ounces/acre). The addition of 2,4-D Ester may result in reduced grass control under drought conditions, heavy grass populations or advanced grass stages. In Spring and Winter wheat include AMS adjuvant when adding 2,4-D Ester. With addition of 2,4-D minimum crop growth stage is 4 leaf.
2,4-D Ester + AMS	Registered	1. AMS 2. Velocity m3 3. 2,4-D Ester	Spring wheat	For control of Stork's-bill. Add 2,4-D Ester at 280 g ai/ha (4 active ounces/acre). With addition of 2,4-D minimum crop growth stage is 4 leaf.
Decis	Supported	1. Velocity m3 2. Decis	Durum and Spring wheat	
Lontrel	Supported	1. Lontrel 2. Velocity m3	Durum and Spring wheat	
MCPA Ester	Supported	1. Velocity m3 2. MCPA Ester	Durum, Spring and Winter wheat	Add MCPA Ester at 140 to 280 g ai/ha (2 to 4 active ounces/acre). The addition of MCPA Ester may result in reduced grass control under drought conditions, heavy grass populations or advanced grass stages. In Spring and Winter wheat include AMS adjuvant when adding MCPA Ester.
Sevin XLR Plus	Supported	1. Sevin XLR Plus 2. Velocity m3	Durum and Spring wheat	
Tilt	Supported	1. Tilt 2. Velocity m3	Spring and Winter wheat	Temporary crop injury may be observed when AMS adjuvant is included for enhanced weed control.



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Fungicides				
Delaro				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
Cygon	Supported	1. Delaro 2. Cygon	Field Peas	
Decis	Supported	1. Delaro 2. Decis	Lentils	
Matador	Supported	1. Delaro 2. Matador	Chickpeas, Field Peas, Lentils, Soybeans	
Roudup WeatherMax	Supported	1. Delaro 2. Roundup WeatherMax	Soybeans	
Folicur EW				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
Decis	Supported	1. Folicur 2. Decis	Barley, Oats, Durum, Spring and Winter Wheat	
Lorsban	Supported	1. Folicur 2. Lorsban	Durum, Spring and Winter Wheat	
Sevin XLR Plus	Supported	1. Folicur 2. Sevin XLR Plus	Durum, Spring and Winter Wheat	
Proline				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
Coragen	Supported	1. Proline 2. Coragen	Canola	
Decis	Supported	1. Proline 2. Decis	Canola	
Matador	Supported	1. Proline 2. Matador	Canola	
Sevin XLR Plus	Supported	1. Folicur 2. Sevin XLR Plus	Canola	
Propulse				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
Serenade	Supported	1. Serenade 2. Propulse	Dry Beans	
Prosaro XTR				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
Lorsban	Supported	1. Prosaro 2. Lorsban	Durum, Spring and Winter Wheat	



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Insecticides				
Decis				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
2,4-D	Registered	1. Decis 2. 2,4-D	Barley, Corn, Oats, Pasture and Wheat	
Banvel®	Registered	1. Banvel 2. Decis	Barley, Corn, Oats, Pasture and Wheat	
Buctril M	Registered	1. Decis 2. Buctril M	Barley, Flax, Oats and Wheat	
Centurion	Supported	1. Decis 2. Centurion 3. Amigo (0.5% v/v)	All crops that both products are registered on	
Centurion + Liberty	Supported	1. Amigo (0.5% v/v) 2. Liberty 3. Centurion 4. Decis	InVigor Canola	
Delaro	Supported	1. Delaro 2. Decis	Lentils	
Headline	Supported	1. Headline 2. Decis	All crops that both products are registered on	
Lance®	Supported	1. Lance 2. Decis	Alfalfa (seed production only), Canola and Lentils	
Liberty	Supported	1. Liberty 2. Decis	InVigor Canola	
MCPA Ester	Registered	1. Decis 2. MCPA	Barley, Corn, Flax, Oats, Pasture and Wheat	
Odyssey	Supported	1. Odyssey 2. Decis 3. Merge	Clearfield Canola, Clearfield Xceed B.Juncea Canola, Clearfield Lentils	Merge must be used with Odyssey at a rate of 0.5L/100L of spray solution.



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Decis Cont.				
Tank mixes	Registered or Supported	Tank Mix Order	Crops	Notes
Pardner®	Registered	1. Decis 2. Pardner	Alfalfa (seed production only), Barley, Corn, Flax, Oats and Wheat	
Puma Advance	Registered	1. Decis 2. Puma Advance	Barley and Wheat	
Roundup WeatherMAX®	Supported	1. Glyphosate 2. Decis	Roundup Ready Canola	
Solo®	Supported	1. Solo 2. Decis 3. Merge	Clearfield Canola, Clearfield Xceed B.Junce Canola, Clearfield Lentils, Clearfield Sunflowers	Merge must be used with Solo at a rate of 0.5L/100L of spray solution.
Tilt	Supported	1. Tilt 2. Decis	Barley, Oats, Durum, Spring and Winter Wheat	



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