









Product	Key crops	Application timing	WALES mixing order	Recommended spray volume (US gal/ac)	Active ingredients (F, H, I Group)	Jug or tote size	Common rates per acre¹	Acres per jug/ case	Acres per tote	Rainfast (hours)	REI (hours)	PHI (days)	Key pests controlled	Comments	Also labelled for use in	When you apply...	You're getting comparable protection to...
Fungicides																	
 Miravis[®]Neo	Corn	See comments	L	20	ADEPIDYN [®] (F-7) Azoxystrobin (F-11) Propiconazole (F-3)	10.125 L 405 L tote	0.405 L	Jug: 25 Case: 50	1000	2	12	Corn, field and silage: 30 Corn, sweet: 14	Northern corn leaf blight, grey leaf spot, eye spot, common rust, southern corn leaf blight, tar spot. Fusarium, and Gibberella (suppression only).	For control of labelled leaf diseases apply pre-tassel through to R1. For suppression of Fusarium and Gibberella ear rots apply at R1 (silking).	Cereals Soybeans	Miravis [®] Neo at 0.405 mL/ac	Quadris [®] at 0.162 L/ac Tilt [®] at 0.2 L/ac ADEPIDYN [®] Not a solo product
 Quilt[®]	Corn	5-8 leaf	L	20	Azoxystrobin (F-11) Propiconazole (F-3)	10.125 L	0.405 L	Jug: 25 Case: 50	N/A	2	12	Corn, field and silage: 30 Corn, sweet: 14	Northern corn leaf blight, grey leaf spot, rust, eye spot, southern corn leaf blight	Apply Quilt [®] early at the 5-8 leaf stage to protect corn from diseases at a critical growing time.	Cereals Soybeans	Quilt at 0.405 L/ac	Quadris at 0.12 L/ac Tilt at 0.2 L/ac
Herbicides																	
 AAtrex[®]Liquid480	Corn	PPI, PRE – 8 leaf	L	15+	Atrazine (H-5)	10 L	0.25-0.5 L/ac	Jug: 20–40 Case: 40–80	N/A	1-2	24	Corn, field: 60 Corn, sweet: 45	Lady's thumb, wild buckwheat	To enhance weed control, tank mix AAtrex [®] Liquid 480 with Halex [®] GT or Callisto [®] .	Sorghum Switchgrass		
 Acuron[®]	Corn	PRE – 6 leaf	L	15	Atrazine (H-5) Bicyclopyrone (H-27) Mesotrione (H-27) S-metolachlor (H-15)	10 L 450 L tote	1.6–1.98 L	Jug: 5–6.25 Case: 10–12.5	225–281	3 (post)	12	Corn, field: 90 Corn, sweet: 50	Annual grasses, Canada fleabane (up to 20 cm), ragweed (giant and common), lamb's-quarters, velvetleaf, hairy galinsoga, proso millet (suppression), yellow nutsedge, waterhemp, eastern black nightshade	Use the high rate PRE to 2-leaf corn, and use the low rate early POST 3-6 leaf corn. Acuron [®] can be tank mixed with glyphosate.		Acuron [®] at 1.6 L/ac 1.98 L/ac	Dual II Magnum [®] at 0.45 L/ac 0.56 L/ac Callisto at 0.095 L/ac 0.118 L/ac Bicyclopyrone Not a solo product AAtrex Liquid 480 at 0.40 L/ac 0.49 L/ac
 Callisto[®]	Corn	PRE - 8 leaf	L	10–20	Mesotrione (H-27)	2.4 L	0.085-0.12L/ac	Jug: 20–28 Case: 80–113	N/A	3	12	Corn, field: 100 Corn, sweet: 50	Lamb's-quarters, ragweed (common), redroot pigweed, velvetleaf, waterhemp (tall)	Use the high rate of 120 mL/ac when applying Callisto pre-emergent up to the 2 leaf stage of corn. Reduce the rate to 85 mL/ac when applying post-emergent through the 3-8 leaf stage of corn. Tank mix Callisto with Primextra [®] II Magnum [®] for broad spectrum weed control. Use Agral [®] 90 at 0.2% v/v when applying Callisto post-emergent without a glyphosate tank-mix partner. Callisto also has activity on tufted vetch.			
 Halex[®] GT	Corn	Spike – 6 leaf	L	10–20	Glyphosate (H-9) Mesotrione (H-27) S-metolachlor (H-15)	8.5 L 450 L tote	1.7 L	Jug: 5 Case: 10	265	30 minutes	12	Corn, field: 100 Corn, silage: 90	Burndown plus residual control of various grass and broadleaf weeds including lamb's-quarter, redroot pigweed, velvetleaf, and eastern black nightshade.	Halex [®] GT should be tank-mixed with AAtrex Liquid 480 for enhanced broadleaf control. When tank-mixing these herbicides, be sure to follow the unique mixing order: 1. Add NIS at 0.2% v/v. 2. Add AAtrex Liquid 480 and agitate until it is completely dispersed. 3. Add Halex GT.	Halex GT at 1.7 L/ac	Dual II Magnum at 0.46 L/ac Callisto at 0.089 L/ac Roundup WeatherMAX [®] at 0.79 L/ac	
 Primextra[®] II Magnum[™]	Corn	PPI, PRE – 6 leaf	L	15+	Atrazine (H-5) S-metolachlor (H-15)	10 L 450 L tote	1.4 L	Jug: 7 Case: 14	321	1-2	12	Corn: 80 Corn, sweet: 45	Annual grasses, eastern black nightshade	Primextra II Magnum is a popular tank mix with Callisto and glyphosate, or applied in a two-pass system with Callisto + glyphosate POST. A tank mix of Primextra II Magnum and glyphosate requires a NIS to improve tank-mix compatibility: 1. Add Primextra II Magnum. 2. Add NIS at 0.3% v/v and allow time to fully mix (approximately 5 minutes). 3. Add glyphosate.		Primextra II Magnum at 1.4 L/ac	Dual II Magnum at 0.61 L/ac AAtrex Liquid 480 at 0.93 L/ac Atrazine at 0.99 lb/ac
 Storen[™]	Corn (field and seed)	PRE – 4 leaf	L	15	Bicyclopyrone (H-27) Mesotrione (H-27) S-metolachlor (H-15) Pyroxasulfone (H-15)	450 L tote	1.4–1.6 L	N/A	281–321	3 (post)	12	Corn, silage: 45 Corn, field: when mature	Annual grasses, annual bluegrass, Canada fleabane (up to 20 cm), ragweed (giant and common), lamb's-quarters, velvetleaf, hairy galinsoga, proso millet (suppression), yellow nutsedge, waterhemp, eastern black nightshade	Use the high rate PRE to 2-leaf corn or when high weed pressure is expected. Use the low rate early post from 2–4 leaf corn or when low weed pressure is expected. Storen should always be tank mixed with AAtrex herbicide. Glyphosate may be tank mixed when weeds are emerged at the time of application.	N/A	Storen at 1.4 L/ac or 1.6 L/ac	Dual II Magnum at 0.48 or 0.56 L/ac Callisto at 104 or 120 mL/ac Pyroxasulfone at 50 or 60 mL/ac Bicyclopyrone is not a solo product

Get multi-targeted control of corn's toughest weeds.



- Acuron herbicide delivers best-in-class, full-season control of tough to manage broadleaf and grass weeds. Research by Peter Sikkema at the University of Guelph found Acuron delivered 98 percent control of waterhemp – better control than any other product in the market.
- Acuron also offers a wide application window spanning from pre-emergence to the six-leaf stage, giving growers more flexibility to time their Acuron application to target key driver weeds.



Acuron






Untreated

Photos taken in Cottam, ON, in 2021. Courtesy of Peter Sikkema.





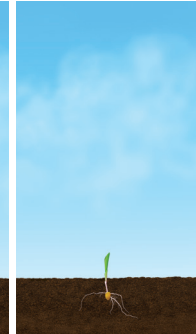
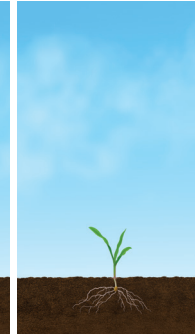
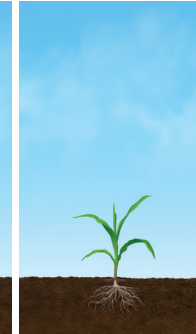
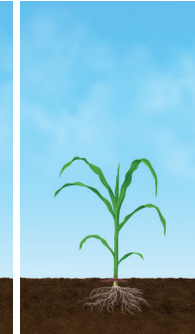










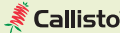

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Biologicals															
 Envita [®] DRY	Corn	Post emerge (4+ leaf)	L (add to tank last)	10	<i>Gluconacetobacter diazotrophicus</i>	3.785 L 200 g pouch 16 pouches per case	5 g/ac	Pouch: 40 Case: 640	N/A	2	0	0		Envita [®] Dry is best applied solo with a non-ionic surfactant. Envita Dry can be added to an existing pass with compatible products, but should only be mixed with a tested product that has been shown to be compatible. Some tank mix partners may have an adverse effect on <i>Gluconacetobacter diazotrophicas</i> (Gd), the active ingredient in Envita Dry. Refer to the Syngenta Canada website for more information: https://www.syngenta.ca/productsdetail/envita-dry#tank-mix .	Cereals Potatoes Soybeans Other row crops
 Megafol [™]	Corn	Post emerge and pre/post stress	L (add to tank last)	10-20	Selected plant extracts, including vitamins, amino acids, proteins, betaines and growth factors.	10 L 450 L tote	0.5 L/ac routine tank mix 1.0 L/ac for physical damage (e.g. hail)	Jug: 10 - 20 Case: 20 - 40	450-900	3	0	0		Megafol [®] helps plants respond to stress including physical injury, heat, cold and drought. In case of physical injury apply as soon as possible after.	Cereals Potatoes Soybeans Assorted fruit and vegetable crops
 YieldON [™]	Corn	Optimal timing is with Miravis Neo at tassel	L (add to tank last)	20	Combination of extracts from plants and seaweeds, with trace elements Mc, Zn, and Mo.	10 L	0.75 L/ac foliar application	Jug: 13.33 Case: 26.67	N/A	4	0	0		YieldON [®] is a liquid foliar biostimulant applied at R1 to improve the flow of nutrients and sugars throughout the plant which in turn can increase yield.	Wheat Soybean Sunflower Canola

REI = Re-entry interval PHI = Pre-harvest interval N/A = Not Applicable

Application timing

								
Seed	PE	VE	V1	V3	V5	V6	R1	Maturity
	 Acuron					 Miravis [®] Neo		
				 Halex [®] GT		 YieldON [™]		
				 AAtrexLiquid480				
 Primextra [®] II Magnum [®]					 Callisto [™]		 Megafol [™]	



All-in-one jug solution. Simple, proven, clean.

 Miravis[®] Neo  syngenta.

For complete information regarding rates, see product label. Rate information is based on product labels. If a product label contains rate ranges, then this quick reference guide will list either: (i) the complete rate range; (ii) the most common rate range; or (iii) the most commonly used rate. Performance evaluations are based on internal trials, field observations and/or public information. Data from multiple locations and years should be consulted whenever possible. Individual results may vary depending on local growing, soil, and weather conditions. Always read and follow label directions.

Always refer to the label to confirm crop/crop group registration and application information, as well as buffer zones, PPE, etc., before application.

All information is current at time of publishing and is subject to change without notice. For more information, contact our Customer Interaction Centre at 1-87-SYNGENTA (1-877-964-3682) or visit Syngenta.ca.

Always read and follow label directions. Miravis[®] Neo refers to Miravis[®] Neo 300SE fungicide. AAtrex[®], Acuron[®], ADEPIDYN[®], Agral[®], Callisto[®], Dual II Magnum[®], Foundation Acre[®], Halex[®], Magnum[®], Miravis[®], NK[®], NK[®] and Design, Primextra[®], Quilt[®], Quadris[®], Storen[™], Tilt[®] and the Syngenta logo are trademarks of a Syngenta Group Company. Megafol[™] and YieldON[™] are trademarks of VALAGRO S.p.A., a Syngenta Group Company. Envita[®] is a trademark of Azotic Technologies Limited. Used under license. Other trademarks are property of their respective owners. © 2025 Syngenta.