



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/tote	Acres per tote	Rainfast (hours)	REI (hours)	PHI (days)	Key pests controlled	Comments	Also labelled for use in
Plant growth regulator															
Moddus ®	Wheat (spring, winter) Barley Oats (see comments)	Apply at T1-T2	E	Minimum: Ground: 10 gal/ac Aerial: 5 gal/ac	Trinexapac-ethyl (regulator)	10 L	0.336- 0.417 L The recommended rate for winter wheat and barley is 0.417 L/ac (48 acres/case). The recommended rate for spring wheat and oats is 0.336 L/ac (60 acres/case).	Jug: 24 Case: 48	1000	3	12	Grain and straw: 0 (harvest at maturity) Forage and Hay: 30 days	Lodging: Moddus mitigates the risk of lodging in cereals by improving stem strength and standability. Full application window is BBCH 30-39 (beginning of stem elongation to flag-leaf stage).	Moddus should not be applied to stressed crops and only applied to healthy, actively growing crops.	
Fungicides															
Miravis ® Ace	Wheat (spring, winter) Barley Oats	Apply at T3 (see comments for details)	L	20	ADEPIDYN® (F-7) Propiconazole (F-3)	8.1 L 405 L tote	0.405 L	Jug: 20 Case: 40	1000	2	12	Grain and straw: None (harvest at normal maturity) Forage and hay: 7	Fusarium head blight (suppression), Powdery mildew, Septoria leaf spot, tan spot, leaf rust, stem rust, stripe rust.	For best results apply when the majority of the main stem heads are at 50% flower. Apply with a 90% non-ionic surfactant at a rate of 0.125% v/v in the spray tank.	
Miravis ® Neo	Wheat (spring, winter) Barley Oats Rye	Optimal timing is T2/flag leaf (see comments for details)	L	20	ADEPIDYN® (F-7) Azoxystrobin (F-11) Propiconazole (F-3)	10.125 L 405 L tote	0.303 L	Jug: 33.75 Case: 67.5	1350	2	12	Grain and straw: 45 Forage and hay: 30	Wheat: Septoria leaf blotch, spot blotch, tan spot, leaf rust, stripe rust. Barley: Scald, Septoria leaf blotch, spot blotch, tan spot, net blotch, stripe rust. Oats: Septoria leaf blotch, crown rust. Rye: Scald, Septoria leaf blotch, tan spot, stripe rust.	Make one application at or between T1 and T2 timing. For maximum yield potential, apply as close to flag leaf timing as possible. Apply before disease development and use sufficient water volume to obtain thorough coverage (20 gallons per acre recommended).	Corn Soybeans
Quilt ®	Wheat (spring, winter) Barley Oats Rye	Optimal timing is T2/flag leaf (see comments for details)	L	20	Azoxystrobin (F-11) Propiconazole (F-3)	10.125 L	0.303 L	Jug: 33.75 Case: 67.5	N/A	2	12	Grain and straw: 45 Forage and hay: 30	Wheat: Septoria leaf spot, tan spot, leaf rust, stripe rust. Barley: Septoria leaf spot, net blotch, scald, leaf rust, tan spot. Oats: Septoria leaf spot, crown rust. Rye: Scald, Septoria leaf spot, tan spot, stripe rust.	Make one application at or between T1 and T2 timing. For maximum yield potential, apply as close to flag leaf timing as possible. Apply before disease development and use sufficient water volume to obtain thorough coverage (20 gallons per acre recommended).	Corn Soybeans

WALES mixing order

The WALES tank-mixing method outlines the order in which products should be added to the mix.

W Water or fluid fertilizer goes into the tank before anything else.

W Water-soluble packets (WSPs) go into clean water before any other products.

W Add wettable powders (WPs).

W Add wettable dry granules (WDGs).




A Maintain agitation throughout the mixing/spraying process. Allow each product to mix before adding new materials.

L Add flowable (F), suspension concentrates (SCs), oil dispersion (ODs) or soluble liquids (SLs).



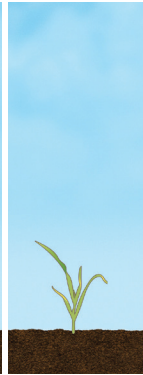
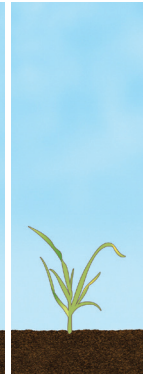
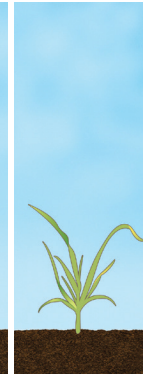




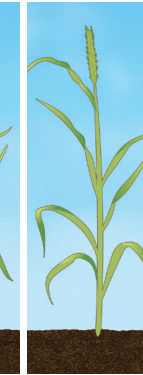











E Add emulsifiable concentrates (ECs). Complete filling with carrier.

S Last, add solutions and surfactants such as NIS (when required by the label). Maintain agitation until all of the solution has been sprayed.

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

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Biologicals															
 Envita®	Cereals	Post emerge (2+ leaf)	L (add to tank last)	10-20	Gluconacetobacter diazotrophicus	3.785 L	95 mL	Bag: 40 Case: 160	N/A	2	0	0		Envita® is best applied solo with a non-ionic surfactant. Additional tank mix-partners may have an adverse effect on Gluconacetobacter diazotrophicus, the active ingredient in Envita. See Envita product page for use recommendations and best management practices shared by Azotic Technologies Limited, the manufacturer of Envita Syngenta.ca/productsdetail/envita#tank-mix. Store Envita in a cool, dry place.	Corn Potatoes Soybeans Assorted fruit and vegetable crops
 MEGAFOL	Cereals	Post emerge and pre/post stress	L (add to tank last)	10-20	3-0-8 (N-P-K + biostimulants)	10 L	0.5 - 1.0 L	Jug: 10-20 Case: 20-40	N/A	3	0	0		Best management practice: For non-major stress event apply Megafol @0.5L/ac twice; once with T1-T2 pass and the second with T3 fungicide pass. For stress event such as hail, apply at full 1L/ac rate. Product shelf life is 3 years. Shake jug for 30 seconds before adding to tank. Any residue in jug rinses out easily with water.	Corn Potatoes Soybeans Assorted fruit and vegetable crops
 YIELDON	Wheat	Optimal timing is with Miravis Ace at T3	L (add to tank last)	20	3-0-3 (N-P-K + biostimulants)	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 fungicide timing on corn and other field crops, helping drive yield and in turn profitability with its unique combination of ingredients that can ‘switch on’ plant productivity.	Corn Soybean Sunflower Canola

Application timing

											
		T1		T1.5		T2		T3			
Seed	Leaf development GS12+	Tillering begins GS20	Stem Elongation Begins GS30	1 Node Visible GS31	2 Nodes Visible GS32	Flag Leaf Emerging GS37	Flag Leaf Fully Emerged GS39	75 % Head Emergence GS57	50% Flower GS65	Harvest Maturity	Post-harvest
 											
											
											
											

Stack the deck in your favour.

The Stacked Cereals™ lineup is your winning strategy for high-performing cereals that resist folding under pressure.



* 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.

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. ADEPIDYN®, Cruiser®, Miravis®, Moddus®, Quadris®, Quilt®, Stacked Cereals™, Tilt®, Vibrance® and the Syngenta logo are trademarks of a Syngenta Group Company. Megafol® is a trademark of VALAGRO S.p.A., a Syngenta Group Company. Envita® is a trademark of Azotic Technologies Limited. Used under license. © 2024 Syngenta.