

2-ROW BARLEY – 2015 RECOMMENDATIONS – 3 YEAR AVERAGE (2012-2014)

Cultivars	Relative Yield (%)	Yield (t/ha)	Station Yield								Straw Yield (t/ha)	Maturity (days after planting)	Lodging (0-9) ¹	Test Weight (kg/hl)
			Hartland, NB		Truro, NS		Canning, NS		Harrington, PEI					
			Yield (t/ha)	Rank	Yield (t/ha)	Rank	Yield (t/ha)	Rank	Yield (t/ha)	Rank				
COVERED														
BENTLEY* ^P	99	4.51	3.12	5	5.93	6	5.76	1	3.28	4	2.9	90	2.2	60
CERVEZA*	101	4.58	3.01	6	6.49	2	5.65	2	3.26	5	2.4	90	1.5	59
ISLAND ^{OC}	96	4.36	3.24	3	5.82	7	5.19	7	3.22	6	2.5	89	1.5	64
LEADER	106	4.80	3.53	1	6.40	3	5.26	5	3.93	1	2.9	89	0.7	65
NEWDALE* ^P	102	4.62	2.95	7	6.69	1	5.50	3	3.40	2	2.3	89	1.5	61
PANDORA ^P	99	4.50	3.20	4	6.06	5	5.38	4	3.38	3	2.4	88	1.4	65
SELENA ^P	98	4.43	3.26	2	6.08	4	5.25	6	3.18	7	2.1	87	1.4	64
Average		4.54	3.19		6.21		5.43		3.38					
HULLESS														
AAC STARBUCK ^P		3.78	2.73		4.94		4.44		2.94		2.7	89	1.4	74

Cultivars	Distributors	Height (cm)	1000 Kernel Weight (g)	Threshability (0-9) ²	Disease Susceptibility				
					Net/Spot Blotch	Scald	Powdery Mildew	Smut	DON ⁴ (FHB) ⁵ (ppm)
BENTLEY* ^P	Semican	80	43	n/a	2.6	3.5	1.5	0.0	0.3
CERVEZA*	Eastern Grains	74	41	n/a	2.2	2.3	1.2	0.0	0.3
ISLAND ^{OC}	McCardle	82	45	n/a	3.5	3.1	1.3	0.4	0.3
LEADER	Eastern Grains	87	50	n/a	3.3	3.5	1.2	0.5	0.3
NEWDALE* ^P	Semican, Nyborg Farm & Grand Falls Agromart	74	41	n/a	2.5	2.5	1.3	0.0	0.3
PANDORA ^P	Synagri	78	43	n/a	2.8	2.5	1.8	0.0	0.5
SELENA ^P	Coop Atlantic & Grand Falls Agromart	71	45	n/a	4.0	3.7	1.5	0.0	0.3
HULLESS									
AAC STARBUCK ^P	Secan	87	44	n/a	4.3	3.7	1.5	0.3	0.2

6-ROW BARLEY – 2015 RECOMMENDATIONS – 3 YEAR AVERAGE (2012-2014)

Cultivars	Relative Yield (%)	Yield (t/ha)	Station Yield								Straw Yield (t/ha)	Maturity (days after planting)	Lodging (0-9) ¹	Test Weight (kg/hl)
			Hartland, NB		Truro, NS		Canning, NS		Harrington, PEI					
			Yield (t/ha)	Rank	Yield (t/ha)	Rank	Yield (t/ha)	Rank	Yield (t/ha)	Rank				
PEDIBELLE ^P	100	4.82	3.66	1	6.57	3	5.41	2	3.69	2	2.0	93	3.1	61
RHEA	101	4.88	3.13	3	6.67	1	5.48	1	4.15	1	2.2	95	0.7	61
SYNASOLIS	99	4.80	3.62	2	6.66	2	5.38	3	3.61	3	1.9	95	2.7	60
Average		4.83	3.47		6.63		5.42		3.82					

Cultivars	Distributors	Height (cm)	1000 Kernel Weight (g)	Threshability (0-9) ²	Disease Susceptibility				
					Net/Spot Blotch	Scald	Powdery Mildew	Smut	DON ⁴ (FHB) ⁵ (ppm)
PEDIBELLE ^P	Pedigrain	88	42	n/a	2.8	2.1	2.6	0.0	0.4
RHEA	Co-op Atlantic/Agromart	86	43	n/a	2.3	1.6	2.6	0.0	0.5
SYNASOLIS	Eastern Grains	83	38	n/a	2.5	1.6	2.6	0.0	0.4

- 0 = no lodging; 9 = fully lodges
 - 0 = threshes well; 9 = threshes poorly
 - 0 = resistant; 9 = highly susceptible (based on multiples tests and years)
 - DON = Deoxynivalenol level expressed in ppm based on field trials
 - FHB = Fusarium Head Blight
- * Malting barley

P = Provisional: New cultivar that shows strong yield/agronomic traits
OC = Out Classed: Cultivar that is now out performed by newer ones and/or pedigreed seed is no longer available, and as a result, may be removed from the recommended list

n/a = not available

Suggested changes for the 2016 Cereal Guide should be sent to the Editor, N.B. Dept. Agriculture, Aquaculture & Fisheries, P.O. Box 5001, Grand Falls, NB E3Z 1G1, by November 15, 2015

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*Nota Bene: Cultivar listings may vary between provinces.

SPRING WHEAT (Hard Red) – 2015 RECOMMENDATIONS – 3 YEAR AVERAGE (2012-2014)

Cultivars	Relative Yield (%)	Yield (t/ha)	Station Yield								Maturity (days after planting)	Lodging (0-9) ¹
			Hartland, NB		Canning, NS		Truro, NS		Harrington, PEI			
			Yield (t/ha)	Rank	Yield (t/ha)	Rank	Yield (t/ha)	Rank	Yield (t/ha)	Rank		
FEED												
HOFFMAN	102	3.85	3.43	1	3.36	2	5.15	2	3.44	2	101	2.4
NASS	95	3.57	3.32	2	3.21	3	4.86	3	2.98	3	101	2.4
ROCKET ^P	103	3.90	2.99	3	3.60	1	5.52	1	3.51	1	101	1.9
Average		3.77	3.25		3.39		5.18		3.31			
MILLING												
AAC SCOTIA ^P	102	4.07	2.96	3	4.11	1	5.42	3	3.76	1	100	2.9
AC HELENA	102	4.09	3.37	1	3.88	2	5.63	1	3.55	2	100	2.5
FUZION	96	3.86	3.03	2	3.50	3	5.44	2	3.47	3	100	2.6
Average		4.01	3.12		3.83		5.50		3.59			

Cultivars	Distributors	Milling Quality ³	Height (cm)	Test Weight (kg/hl)	1000 Kernel Weight (g)	Disease Susceptibility				
						Septoria	Powdery Mildew	Smut	Leaf Rust	DON ⁴ (FHB) ⁵ (ppm)
						(0-9) ²				
FEED										
HOFFMAN	Co-op Atlantic	Feed	102	74	39	4.4	2.4	0.0	1.3	2.2
NASS	SeCan	Feed	101	74	31	3.8	1.8	0.1	1.3	1.2
ROCKET ^P	Semican	Feed	98	76	32	3.9	1.6	0.0	0.7	1.0
MILLING										
AAC SCOTIA ^P	Semican	Strong Blend	107	75	37	4.6	0.7	0	0.7	1
AC HELENA	Meadow Brook	Strong Blend	97	74	35	4.1	0.7	0	4.8	2.8
FUZION	Eastern Grains	Strong Blend	103	75	35	4.2	0.8	0	1.7	1

WINTER WHEAT – 2015 RECOMMENDATIONS – 3 YEAR AVERAGE (2012-2014)

Cultivars	Relative Yield (%)	Yield (t/ha)	Station Yield								Winter Survival (%)	Maturity (Days after May 31 st)
			Hartland, NB		Canning, NS		Truro, NS		Harrington, PEI			
			Yield (t/ha)	Rank	Yield (t/ha)	Rank	Yield (t/ha)	Rank	Yield (t/ha)	Rank		
FEED – SOFT RED												
EMMIT	92	4.85	3.70	1	4.78	3	7.05	3	3.89	3	83	57
BRANSON ^P	99	5.26	3.50	3	5.39	2	7.91	2	4.24	2	81	55
PIONEER25R40 ^P	109	5.79	3.69	2	6.10	1	8.43	1	4.92	1	86	56
Average		5.30	3.63		5.42		5.90		4.35			
MILLING – HARD RED												
AC SAMPSON	100	4.26	3.25		4.40		5.90		3.51		86	57

Cultivars	Distributors	Milling Quality ³	Lodging (0-9)	Height (cm)	Test Weight (kg/hl)	1000 Kernel Weight (g)	Disease Susceptibility			
							Septoria	Powdery Mildew	DON ⁴ (FHB) ⁵ (ppm)	
							(0-9) ²			
FEED – SOFT RED										
EMMIT	BNE Sales	Feed	0.9	90	74	35	5.2	4.4	0.5	
BRANSON ^P	BNE Sales	Feed	1.6	83	74	33	3.4	1.4	0.5	
PIONEER25R40 ^P	PIONEER	Feed	0.2	79	76	38	3.9	1.3	0.6	
MILLING – HARD RED										
AC SAMPSON	Meadow Brook	Strong Blend	1.2	95	73	36	4.8	3.2	0.6	

1. 0 = no lodging; 9 = fully lodges

2. 0 = resistant; 9 = highly susceptible (based on multiples tests and years)

3. The market preference is high for Self-Bakers, medium for strong blends and low for medium blends with a grain protein of 13.5%

4. DON = Deoxynivalenol level expressed in ppm based on field trials

5. FHB = Fusarium Head Blight

P = Provisional: New cultivar that shows strong yield/agronomic traits

OC = Out Classed: Cultivar that is now out performed by newer ones and/or pedigreed seed is no longer available, and as a result, may be removed from the recommended list

This information is produced through the joint efforts of the New Brunswick Department of Agriculture, Aquaculture and Fisheries, the Prince Edward Island Department of Agriculture, the Agriculture and Agri-Food Canada Crops and Livestock Research Centre (Charlottetown, PEI), the Nova Scotia Crop Development Institute and the New Brunswick Soil & Crop Improvement Association.



OAT – 2015 RECOMMENDATIONS – 3 YEAR AVERAGE (2012-2014)

Cultivars	Relative Yield (%)	Yield (t/ha)	Station Yield						Maturity (days after planting)	Lodging (0-9) ¹	Test Weight (kg/hl)
			Hartland, NB		Truro, NS		Harrington, PEI				
			Yield (t/ha)	Rank	Yield (t/ha)	Rank	Yield (t/ha)	Rank			
COVERED OAT											
AC DIETER*	96	4.37	3.31	12	6.22	6	3.56	11	100	2.6	46
AC RIGODON	98	4.46	3.55	9	6.03	11	3.76	6	100	3.3	46
AVATAR	100	4.54	3.55	10	6.11	9	3.90	2	100	4.6	47
BOLINA ^P	109	4.93	3.94	2	6.89	1	3.98	1	100	2.7	48
CANMORE	103	4.69	3.83	4	6.37	3	3.87	3	100	3.9	48
CANTAL ^{+OC}	92	4.20	3.40	11	5.53	12	3.60	8	100	4.5	49
CDC ORRIN*	105	4.79	4.04	1	6.61	2	3.78	5	100	2.9	47
NICE ^{*P}	99	4.51	3.64	8	6.13	8	3.74	7	101	3.2	46
NOVA ^{OC}	98	4.45	3.65	7	6.14	7	3.58	9	100	4.9	49
OPTIMUM ^{*P}	98	4.46	3.73	5	6.10	10	3.58	10	100	2.3	46
TRIPLE CROWN	102	4.63	3.66	6	6.36	4	3.85	4	100	2.1	45
VITALITY ^{*P}	99	4.48	3.88	3	6.26	5	3.39	12	100	4.1	45
Average		4.54	3.68		6.23		3.72				
HULLESS OAT											
NAVARO	100	3.29	2.54		4.82		2.48		100	1.5	60

Cultivars	Distributors	Seed Colour	Height (cm)	1000 Kernel Weight (g)	Hull (%)	Disease Susceptibility	
						Septoria (0-9) ²	DON ³ (FHB) ⁴ (ppm)
COVERED OAT							
AC DIETER*	SeCan	White	108	37	26	3.7	1.0
AC RIGODON	SeCan	White	109	35	28	3.4	1.2
AVATAR	Eastern Grains	White	99	32	23	4.0	0.9
BOLINA ^P	Coop Atlantic	White	92	31	27	4.6	1.0
CANMORE	Semican	White	111	35	29	3.8	1.0
CANTAL ^{+OC}	Semican	White	117	36	26	3.7	1.0
CDC ORRIN*	Semican & GF Agromart	White	105	36	30	3.8	1.0
NICE ^{*P}	Coop Atlantic & GF Agromart	White	105	37	28	3.4	1.0
NOVA ^{OC}	SeCan	White	106	32	27	3.2	1.0
OPTIMUM ^{*P}	Eastern Grains	White	96	30	26	3.1	0.9
TRIPLE CROWN	Co-op Atlantic	White	104	32	30	3.0	0.9
VITALITY ^{*P}	Synagri	White	106	37	24	4.0	1.0
HULLESS OAT							
NAVARO	Semican	White	93	29	6	3.4	1.0

1. 0 = no lodging; 9 = fully lodges

2. 0 = resistant; 9 = highly susceptible (based on multiples tests and years)

3. DON = Deoxynivalenol level expressed in ppm based on field trials

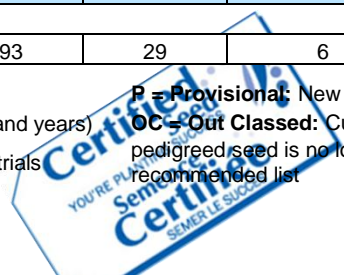
4. FHB = Fusarium Head Blight

* Milling potential

P = Provisional: New cultivar that shows strong yield/agronomic traits

OC = Out Classed: Cultivar that is now out performed by newer ones and/or

pedigreed seed is no longer available, and as a result, may be removed from the recommended list



CULTIVAR DISTRIBUTORS			
COMPANY	ADDRESS	TELEPHONE	E-MAIL / WEBSITE
Agromart / Grand-Falls	38 Després Rd, Grand-Falls, N.-B., E3Z 3E8	(506) 473-1941	bryan@grandfallsagromart.com www.grandfallsagromart.com
BNE Sales Ltd.	P.O. Box 502, Port-Williams, NS, B0P 1T0	Tel: (902) 678-1275/ 680-6652	
Co-op Atlantic Agriculture Division	P.O. Box 750, 123 Halifax St., Moncton, NB E1C 2V2	Tel: (506) 858-6356	Rafael.Gonzalez@coopatlantic.ca www.co-opcountry.com
Eastern Grains Inc.	260, 3 rd Tier Road LSD of Drummond, NB E3Y 2V2	Tel: (506) 473-6661 Cell: (506) 473-0939 Toll Free: 1 866 473-6661	eric@easterngrains.ca www.EasternGrains.ca
Meadow Brook Farms	Box 3113, Charlottetown, PEI C1A 7N9	Tel: (902) 628-9292	davidmol@live.com
Nyborg Farm	P.O. Box 708, New Denmark, NB E7G 4H3	Tel: (506) 553-6515 Fax: (506) 553-1183	nyborg@nb.aibn.com
Pédigrain / Synagri	5175, boul. Laurier Est, St-Hyacinthe, Qc. J2R 2B4	Tel: (450) 799-2823	
SeCan Members	Most Registered Seed Establishments are SeCan members	Tel: (613) 592-8600 Toll free: 1-800-764-5487	seed@secan.com , www.secan.com
Semican Atlantic	366, Rang 10, Plessisville PQ G6L 2Y2	Tel : (819) 362-8823	semican@semican.ca , www.semican.ca

2015 HERBICIDE SELECTION FOR CEREALS NOT UNDERSEEDED

Crop Tolerance	Herbicide Evaluation	CROP TOLERANCE	ANNUAL BROADLEAF							ANNUAL GRASS				PERENNIAL											
			Chickweed	Cleavers	Corn Spurry	Hemionette	Lady's Thumb	Lamb's Quarters	Mayweed	Mustards	Pigweeds	Ragweed	Wild Buckwheat	Barnyard Grass	Foxtail, Green	Foxtail, Yellow	Witch Grass	Wild Oat	Field Bindweed	Field Mint	Quack Grass	Sow Thistle	Canada Thistle	Vetches	
E = Excellent G = Good F = Fair P = Poor N = Non-crop use	0 = No control 9 = 90-100% control under ideal conditions - = Insufficient data																								
ALWAYS READ HERBICIDE LABEL BEFORE USE																									

PREPLANT

¹ Glyphosate - ROUNDUP, TOUCHDOWN, GLYPHOS, VANTAGE, CREDIT, FACTOR, MATRIX AND OTHERS	N																			7	9	8	8	9	3
⁷ Carfentrazone-ethyl - AIM EC	N																			-	-	0	-	-	-
² Saflufenacil - ERAGON LQ	N	-	-	-	-	5	8	-	8	8	8	5	0	0	0	0	0	0	-	-	0	5	5	5	

OAT, BARLEY, SPRING AND WINTER WHEAT (SPRING APPLICATION ONLY)

MCPA	F	2	3	7	8	2	9	-	9	9	9	2	0	0	0	0	0	7	0	0	7	7	5
³ 2,4-DB - EMBUTOX, COBUTOX, CALIBER	G	2	-	2	2	4	9	-	7	9	8	6	0	0	0	0	0	8	0	0	5	5	2
³ MCPB/MCPA - TROPOTOX PLUS, CLOVITOX PLUS, TOPSIDE	G	2	-	2	8	2	9	-	9	9	8	7	0	0	0	0	0	8	0	0	9	9	5
Thifensulfuron/Tribenuron - REFINE, NIMBLE	E	9	6	9	9	9	9	7	8	9	2	9	0	0	0	0	0	2	-	0	8	7	5
Dicamba - BANVEL II, ORACLE, HAWKEYE	P	8	7	9	7	9	9	8	7	9	9	9	0	0	0	0	0	8	-	0	8	7	8
⁴ MCPA/Mecoprop/Dicamba - TARGET, SWORD, TRACKER XP	P	2	8	9	8	8	9	8	9	9	9	9	0	0	0	0	0	8	-	0	8	8	-
Dicamba/MCPA - DYVEL	P	-	8	9	8	9	9	8	9	9	9	9	0	0	0	0	0	8	-	0	8	8	8
Bromoxynil - PARDNER, KORIL, BROTEX, BROMOTRIL	E	2	-	2	2	8	9	8	7	7	9	8	0	0	0	0	0	5	-	0	6	5	-
Bromoxynil/MCPA - BUCTRIL M, MEXTROL, BADGE II, LOGIC M	E	2	4	2	7	9	9	8	9	8	9	9	0	0	0	0	0	7	-	0	7	5	5
⁴ Mecoprop - COMPITOX, MECOPROP-P	G	9	8	9	2	2	9	-	9	9	9	2	0	0	0	0	0	-	-	0	-	7	5

BARLEY, SPRING AND WINTER WHEAT (SPRING APPLICATION ONLY)

Tralkoxydim - ACHIEVE, BISON	G	0	0	0	0	0	0	0	0	0	0	0	8	9	9	-	9	0	0	0	0	0	0
2,4-D Amine	F	2	2	2	2	4	9	-	9	9	8	4	0	0	0	0	0	7	7	0	5	7	7
Dichloroprop/2,4-D - ESTAPROP, TURBOPROP, DICLOROPROP	G	2	3	2	7	8	9	-	9	9	9	8	0	0	0	0	0	7	-	0	8	8	7
Thifensulfuron/Tribenuron + 2,4-D or MCPA - REFINE/NIMBLE+ MCPA or 2,4-D	F	9	6	9	9	9	9	8	9	9	9	9	0	0	0	0	0	7	-	0	8	8	8
Thifensulfuron/Tribenuron + Bromoxynil/MCPA - REFINE/NIMBLE + BUCTRIL M	E	9	7	9	9	9	9	8	9	8	9	9	0	0	0	0	0	7	-	0	7	7	8
⁵ Pyrasulfotol/Bromoxynil - INFINITY	E	9	8	-	9	-	9	6	9	9	9	9	0	0	0	0	0	-	-	0	8	7	5

BARLEY AND SPRING WHEAT

⁶ Clopyralid - LONTREL	F	2	-	-	-	5	2	8	2	2	7	8	0	0	0	0	0	-	-	0	9	9	9
⁶ Clopyralid + MCPA or 2,4-D - LONTREL + MCPA or 2,4-D	F	2	3	2	2	7	9	8	9	9	9	8	0	0	0	0	0	7	-	0	9	9	9
Fenoxaprop-p-ethyl - PUMA ADVANCE, BENGAL WG, VIGIL WG	G	0	0	0	0	0	0	0	0	0	0	0	8	9	9	-	9	0	0	-	0	0	0

WINTER WHEAT - FALL APPLICATION

Bromoxynil - PARDNER, KORIL, BROTEX, BROMOTRIL	E	0	-	0	0	9	9	8	8	8	7	9	0	0	0	0	0	6	0	0	6	6	-
Bromoxynil/MCPA - BUCTRIL M, MEXTROL, BADGE, LOGIC M	E	0	4	0	6	9	9	8	9	8	9	9	0	0	0	0	0	6	0	0	6	6	4
Thifensulfuron/Tribenuron - REFINE, NIMBLE	E	9	5	9	9	9	9	8	8	9	2	9	0	0	0	0	0	2	-	0	8	8	7

PRE-HARVEST

⁷ Carfentrazone-ethyl - AIM EC	N																			-	-	0	-	-	-
^{2,7} Saflufenacil - ERAGON LQ	N																			-	-	0	-	-	-
^{1,8} Glyphosate - ROUNDUP, TOUCHDOWN, GLYPHOS, VANTAGE, CREDIT, FACTOR, MATRIX AND OTHERS	N																			7	8	9	9	9	3

Ratings are a guide based on best performance data from the Maritime region. Ratings will vary with environment, crop stage and weed maturity.

- (1) Numerous formulations available. Annual broad leaved and annual grasses will be controlled only if present at application.
- (2) Preplant or pre-emergence in barley and wheat. Recommend tank mix with glyphosate for broad spectrum control. Follow re-cropping recommendations on product label.
- (3) Recommended application on underseeding of alfalfa (2,4-DB) and clover (MCPB/MCPA).
- (4) Cleavers control obtained only at highest recommended rate of application.
- (5) Alfalfa, barley, canola, field corn, flax, potato, oat, soybean or wheat can be safely planted 10 months after application.
- (6) Do not grow crops such as peas, beans (any type), potatoes or vegetable crops until two years after clopyralid application.
- (7) May be tank mixed with glyphosate. Will not speed the maturity of green crops. May help dry green weeds but limited long term weed control benefit.
- (8) Do not apply glyphosate containing products pre-harvest on crops grown for seed.

Product information can be found on the Pest Management Regulatory Agency (PMRA) label site: <http://pr-rp.hc-sc.gc.ca/lr-re/index-eng.php>

2015 SEED TREATMENT SELECTION FOR CEREALS

<p>Treating seed can potentially result in significant occupational exposure. Always read the label precautions for personal protective equipment, ventilation requirements and maximum allowances for total seed treated in a single day. Some seed treatments can only be applied by commercial seed treatment facilities.</p>	WHEAT						BARLEY						OAT						
	Seedling Blight	Crown and Root Rot	Powdery Mildew	Septoria (on seed)	Loose Smut	Damping Off (Pythium)	Wireworm	Seedling Blight	Crown and Root Rot	Net Blotch	Leaf Stripe	Smut	Damping Off (Pythium)	Wireworm	Seedling Blight	Crown and Root Rot	Smut	Damping Off (Pythium)	Wireworm
Allegiance FL ¹						+ ²													+
Apron XL LS ¹						+							+ ³						+ ³
Armour, Armour RTU	+	+			+			+	+			+			+	+	+		
Baytan 30		+	+		+			+	+	+	+	+			not registered				
Charter, Charter RTU	+	+			+			+	+			+			+	+	+		
Cruiser 5 FS ¹ , Cruiser 350 FS ¹							+						+		not registered				
DB-Red L	+	+						+	+						+	+			
Dividend XL ¹ , Dividend Extreme ¹ , Dividend XL RTA	+	+		+	+	+		+	+			+	+		+	+	+	+	
EverGol Energy	+	+			+	+		+			+	+			+	+	+	+	
Gemini	+	+			+	+		+	+			+	+				+		
JAU6475 100FS	+	+			+			+	+		+	+			+	+	+		
Maxim 480FS ¹	+					+		+				+			+				+
Proseed Seed Treatment ¹	+							+							+				
Rancona Apex	+	+			+			+	+		+	+							
Raxil 250	+	+			+			+	+		+	+					+		
Raxil SP	+	+			+			+			+	+			not registered				
Raxil 312 FS ¹				+								+							+
Raxil T, Raxil MD	+	+		+	+	+		+	+			+	+		+	+	+	+	
Stress Shield							+						+						+
Vibrance XL ¹	+	+		+	+	+		+				+	+		+		+	+	
Vitaflow 280, Vitaflo 220, Vitavax 200 ¹ , Vitavax Powder	+	+		+	+	+		+	+	+	+	+	+		+	+	+	+	
Vitavax FL	+	+		+				+	+	+	+	+			+	+	+		

¹ commercial seed treatment only, not registered for on-farm seed treatment

² '+' indicates that the product is registered for control or suppression of pest

³ registered for use on exported seed only

2015 FOLIAR FUNGICIDE SELECTION FOR CEREALS

Common Name	Product name	Pre-harvest Interval (Days)	WHEAT				BARLEY				OAT		
			Powdery Mildew	Fusarium Head Blight	Septoria	Rust	Fusarium Head Blight	Net Blotch	Spot Blotch	Scald	Fusarium Head Blight	Septoria	Rust
azoxystrobin	Abound	45			+	+			+		+		
azoxystrobin + propiconazole	Quilt	45			+	+			+	+	+		
mancozeb	Dithane	40			+	+	not registered				not registered		
metconazole	Caramba	30		+	+	+		+	+	+	+	+	
propiconazole	Bumber/Tilt/Pivot/Propel	45	+		+	+		+	+	+		+	
propiconazole + trifloxystrobin	Stratego	45	+		+	+		+	+	+		+	
prothioconazole	Proline	30		+	+	+		+	+	+		+	
prothioconazole + tebuconazole	Prosaro	36	+	+	+	+		+	+	+	not registered		
pyraclostrobin	Headline	40	+		+	+		+	+	+		+	
pyraclostrobin + metconazole	Twinline	*	+	+	+	+		+	+	+	+	+	
tebuconazole	Folicur	36	+	+	+	+		+	+	+		+	
tebuconazole + trifloxystrobin	USF 2010	45	+		+	+		+	+	+		+	
trifloxystrobin	Flint	45	+		+	+	not registered				not registered		

¹ '+' indicates that the product is registered for control or suppression of pest

* Apply no later than the beginning of flowering

2015 RECOMMENDED INSECT PEST CONTROL FOR CEREALS

Active Ingredient	Insecticide Group ¹	Trade Name ²	Pre-harvest Interval (Days) ³	WHEAT			BARLEY			OAT			RYE		
				Grain aphids	Cereal leaf beetle	Armyworm	Grain aphids	Cereal leaf beetle	Armyworm	Grain aphids	Cereal leaf beetle	Armyworm	Grain aphids	Cereal leaf beetle	Armyworm
Carbaryl	Carbamate (Group 1A)	Sevin XLR plus	14-Wheat,Oat,Rye 28 - Barley			+			+			+		+	
Chlorpyrifos	Organophosphate (Group 1B)	Chlorpyrifos 480 EC, Citadel 480EC, Lorsban II, Lorsban 4E, MPower Krypton, Nufos 4E, Pynex 480EC, Warhawk 480 EC	60			+			+			+		not registered	
Lambda-cyhalothrin	Pyrethroid (Group 3)	Matador 120 EC, Warrior, Silencer 120 EC	28			+			+			+		not registered	
Malathion ⁴	Organophosphate (Group 1B)	Fyfanon 50 EC, Malathion 85 E, Malathion 500 EC	7	+	+	+	+	+	+	+	+	+	+	+	
		Fyfanon ULV	7		+	+		+	+		+	+		not registered	
		Pro Malathion 50 EC	7	+			+			+			+		
Methomyl	Carbamate (Group 1A)	Lannate Toss-n-Go	20			+			+			+		not registered	
Spinetoram	Naturalyte (Group 5)	Radiant SC, Delegate WG	21			+			+			+		+	

Notes: (1) To delay insecticide resistance: Where possible, rotate the use of an insecticide with insecticides in different groups that control the same pests in a field.

(2) All products may not be listed.

(3) Individual labels may vary.

(4) Malathion works best at temperatures above 20 degrees Celsius.

- '+' indicates that the product is registered for control or suppression of pest

- See label for quantity of product per litres of water and specific label requirements.

- Follow all instructions according to the label. Label instructions take precedence over this document.