

A pdf copy of this booklet and information on recommended varieties and other varieties currently in trial in Northern Ireland are also available at www.afbini.gov.uk.

Cereals



Recommended varieties for Northern Ireland 2016



Department of
**Agriculture and
Rural Development**
www.dardni.gov.uk

AN ROINN
**Talmhaíochta agus
Forbartha Tuaithe**

MINISTÈRE O
**Fairms an
Kintra Fordèrin**



Agri-Food and
Biosciences Institute®

Spring Barley Recommended List 2016

	Yield*		Grain quality		Straw characteristics			Disease resistance			Ripening	
	T	U	Specific weight (kg/hl)	1000 grain weight (g)	Length (cm)**	Standing power	Straw Yield	Rhyncho-sporium	Mildew	Ramularia	Net blotch	
G Hacker	106	86	63.7	42.1	+2	7	H	6	9	6	8	I
G Garner	103	84	61.2	45.9	+3	7	I	7	9	5	7	I/L
G Overture	101	85	62.2	43.4	+4	7	I	7	9	7	8	I
G Odyssey	101	83	61.7	44.1	+2	6	I	7	8	6	6	I
G Propino	101	81	62.4	45.4	+4	7	VH	6	9	5	6	I/L
P RGT Planet	109	91	62.8	45.6	+1	6	I	7	9	6	6	I
P Deveron	109	88	62.5	42.4	0	8	I	5	9	6	8	I
P Olympus	108	86	60.7	41.3	+1	8	H	7	9	5	7	I
P Ovation	106	81	60.5	44.0	+1	6	H	7	9	6	7	I
O Kelim	100	80	61.9	43.3	+6	7	VH	6	9	7	7	L
O Quench	98	79	62.0	41.7	0	7	H	6	9	6	7	I

* Yield as a % of the treated control varieties NFC Tipple, Quench, Concerto, Propino and Sanette (average = 6.91 t/ha)

T = fungicide treated; U = no fungicide

Straw yield: VH = very high, H = high and I = intermediate

** Straw length compared to Quench (73 cm)

Ripening: I = intermediate and L = late

Winter Oat Recommended List 2016

	Yield*		Grain quality				Straw characteristics		Disease resistance		Ripening
	T	U	Specific weight (kg/hl)	1000 grain weight (g)	Kernel content (%)	Sieve fraction (%<2mm)	Length (cm)**	Standing power	Mildew	Crown rust	
G Dalguise	102	82	52.5	39.4	76.9	2.4	0	5	4	4	I
G Gerald	102	81	52.5	36.8	74.8	2.8	-1	6	6	6	I
G Mascani	96	85	54.3	45.5	79.0	1.4	-2	7	7	8	I
O Balado ^{NM}	101	78	47.5	41.6	73.9	3.1	-30	9	7	4	E

* Yield as a % of the treated control varieties Dalguise, Gerald and Mascani (average = 7.15 t/ha).

T = fungicide treated; U = no fungicide

** Straw length compared to Dalguise (124 cm)

Ripening: I = intermediate and E = early

NM = not suitable for milling. Balado has a specific weight significantly below 50 kg/hl and is unlikely to meet millers' quality requirements.

Winter Wheat Recommended List 2016

	Yield*		Grain quality		Straw characteristics		Disease resistance				Ripening
	T	U	Specific weight (kg/hl)	1000 grain weight (g)	Length (cm)**	Standing power	Septoria	Mildew	Yellow rust \$	Fusarium ear blight	
G Leeds#	107	68	74.7	39.6	0	8	5	3	7	7	E
G Dickens#	105	68	72.9	44.3	-1	8	5	8	9	6	I
G JB-Diego#	104	75	73.2	43.5	0	7	6	6	7	6	E
G Grafton	103	71	73.7	44.8	-10	8	6	7	6	5	E
G Panorama	103	71	73.6	44.8	0	8	6	6	8	7	I
P Reflection	110	81	74.9	44.5	-8	8	7	7	6	5	E
P Britannia#	106	78	72.3	45.7	0	7	7	6	8	6	I
P RGT Conversion	106	74	74.1	47.9	-3	6	7	8	8	6	I
P Costello	105	87	76.0	42.2	-6	8	6	8	9	6	I
P Skyfall#	102	79	74.1	44.4	-5	8	7	6	6	6	E

* Yield as a % of the treated control varieties JB Diego, Galliant, Invicta, KWS Santiago and Crusoe (average = 10.33 t/ha)

T = fungicide treated; U = no fungicide

** Straw length compared to JB Diego (88 cm)

\$ AHDB UK data

Ripening: E = early and I = intermediate

Leeds, Dickens, JB Diego, Britannia and Skyfall have performed well in AHDB second wheat trials in GB

Spring Wheat Descriptive List 2016

	Yield*		Grain quality		Straw characteristics			Disease resistance			Ripening
	T	U	Specific weight (kg/hl)	1000 grain weight (g)	Length (cm)**	Standing power	Septoria	Mildew	Yellow rust		
Granary	110	87	73.4	42.2	0	6	6	7	5 ^{\$}	I	
KWS Alderon	110	85	69.7	41.3	-6	7	7	6	7 ^{\$}	E	
KWS Kilburn	108	82	68.4	41.9	+5	7	6	7	6 ^{\$}	E	
Tybalt	104	86	69.5	41.0	-4	6	6	8	7 ^{\$}	E	
KWS Willow	103	84	71.0	38.5	0	6	6	8	7 ^{\$}	I	
Sparrow	103	82	72.9	38.9	-2	6	6	6	7 [#]	L	

* Yield as a % of the treated control varieties Paragon, Ashby and Tybalt (average = 8.38 t/ha)

T = fungicide treated; U = no fungicide

** Straw length compared to Granary (89 cm)

\$ = AHDB UK data, #DAFM data

Ripening: E = early, I = intermediate and L = late

Spring Oat Recommended List 2016

	Yield*		Grain quality				Straw characteristics		Disease resistance		Ripening
	T	U	Specific weight (kg/hl)	1000 grain weight (g)	Kernel content (%)	Sieve fraction (%<2mm)	Length (cm)**	Standing power	Mildew	Crown rust	
G Canyon	103	96	51.9	40.5	76.1	1.9	+5	6	8	7	E
G Conway	101	89	52.2	38.3	78.2	1.1	+2	7	7	6	E
G Firth	101	86	51.3	36.6	78.0	4.7	0	7	7	6	I
P Aspen	117	93	52.3	39.5	77.2	2.4	-2	6	7	7	E
P Montrose	107	95	52.9	40.6	77.4	1.3	+5	8	4	7	E

* Yield as a % of the treated control varieties Firth, Rozmar and Canyon (average = 7.17 t/ha)

T = fungicide treated; U = no fungicide

** Straw length compared to Firth (110 cm)

Ripening: E = early and I = intermediate

Winter Barley Recommended List 2016

	Yield*		Grain quality			Straw characteristics			Disease resistance			Ripening
	T	U	Specific weight (kg/hl)	1000 grain weight (g)	Length (cm)**	Standing power	Straw Yield	Rhynchosporium	Mildew	Ramularia		
2-row												
G KWS Glacier	101	76	65.9	48.7	-7	7	L	4	3	6	I	
G KWS Cassia	100	79	66.5	51.7	0	7	I	4	4	7	I	
G KWS Tower	98	76	63.8	52.7	-1	8	H	5	5	6	I	
P KWS Infinity	101	77	63.9	52.1	-2	7	H	7	4	6	I	
O California	97	80	64.6	51.8	0	8	I	6	6	8	I	
O Florentine	95	78	64.3	51.2	0	8	I	7	7	6	I	
6-row												
S KWS Meridian ¹	102	83	60.8	47.5	+12	7	I	8	7	8	E	
6-row hybrid												
S Volume ²	103	80	63.3	43.6	+9	6	I	8	5	8	E	

* Yield as a % of the treated control varieties KWS Glacier, Cassata, Volume, KWS Cassia and KWS Meridian (average = 9.76 t/ha)

T = fungicide treated; U = no fungicide

** Straw length compared to KWS Cassia (97 cm)

Straw yield: H = High, I = Intermediate and L = low

¹ KWS Meridian is recommended for special use because it is a 6-row

² Volume is recommended for special use because it is a 6-row hybrid variety

Ripening: E = early and I = intermediate