

Winter Cereal Varieties for 2010

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**Agriculture,
Fisheries and Food**

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Winter Barley, 2010

Variety		RI Status	% Area Sown 2009	% Seed avail 2010	Agt
Camion	2-R	R	4	3	GC
Saffron	2-R	R	68	63	GC
Spectrum	2-R	-	10	-	ST
Amarena	6-R	R	6	7	GC
Boost	6-R	PR	2	2	ST
Leibniz	6-R	PR	-	4	ST
Anisette	2-R	PR	-	18	GC

Winter Barley, 2010

	Variety	% Seed avail 2010	Yr	Agt	Yield 09	Yield 08	Yield 07	3- year	
1	Camion ©	3	R	GC	97	99	102	98	R
2	Saffron ©	63	R	GC	103	101	105	102	R
3	Amarena	7	R	GC	104	108	108	106	R
4	Boost	2	PR	ST	107	107	109	107	PR
5	Leibniz	4	3	ST	114	110	111	110	PR
6	Anisette	18	3	GC	104	104	108	104	PR



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Winter Barley, 2010

	Variety	Yr	Agt	Yield 09	Yield 08
7	B88	2	GC	107	104
8	SF5353DH1	2	GC	111	109
9	SJ047426	2	GC	106	100
10	Volume*	2	ST	104**	113
11	PAJ 503-085	2	ST	106	105
12	Sabine	2	ST	98	100

Winter Barley, 2010

	Variety	Yr	Agt	Yield 09
13	SJ 053159	1	GC	103
14	AC01/320/21	1	GC	102
15	AC02/041/11	1	GC	101
16	CM1701C	1	GC	104
17	3429GHI	1	GC	109
18	Semper	1	ST	105
19	NFC207/40	1	ST	98
20	NFC207/42	1	ST	103
21	NSL06/6543A	1	ST	102
22	SYN207/38	1	ST	114

Winter Barley Recommended list, 2010

Agronomic & Quality Characteristics	Recommended			Provisionally Recommended		
	Camion	Saffron	Amarena	Anisette	Boost	Leibniz
Relative Yield	98	102	106	104	107	110
Shortness of straw	6	6	5	(6)	5	(4)
Strength of straw	6	7	5	(6)	7	(7)
Earliness of ripening	6	5	6	(6)	7	(5)
Mildew	5	4	7	(6)	6	(6)
<i>Rhynchosporium</i>	4	5	6	(6)	6	(7)

Winter Barley Recommended list, 2010

Agronomic & Quality Characteristics	Recommended			Provisionally Recommended		
	Camion	Saffron	Amarena	Anisette	Boost	Leibniz
Relative Yield	98	102	106	104	107	110
Brown Rust	5	6	7	(7)	(4)	(4)
Net Blotch	7	7	7	(6)	(7)	(7)
1000 grain weight (g)	54.0	57.1	46.8	54.9	47.8	52.6
Hectolitre weight (kg/hl)	67.8	67.2	61.1	64.2	64.8	63.1
Year First Listed	2005	2007	2008	2010	2009	2010

Winter Oats, 2010

Variety	RI Status	% Area Sown 2009	% Seed availability for 2010	% Seed availability (Spring)	Agt
Barra	R	69	71	47	GC
Evita	R	5	6	10	ST
Jalna	R	5	9	-	GC
Corrib	R	15	13	13	ST
Husky	PR	-	1	27	ST

Winter Oats, 2010

	Variety	% Seed avail 2010	Yr	Agt	Yield 09	Yield 08	Yield 07	3-year	Proposal
1	Barra ©	71	R	GC	94	93	95	98	RL
2	Evita ©	6	R	ST	100	104	101	106	RL
3	Jalna ©	9	R	GC	97	81	96	95	RL
4	Corrib	13	R	ST	106	103	105	109	RL
5	Husky	yes	3	ST	102	105	98	106	PR
6	SW02350 (Circle)	no	3	GC	99	94	102	102	

Winter Oats, 2010

	Variety	Yr	Agt	Yield 09	Yield 08
7	Canyon	2	ST	104	102
8	Mascani	2	GC	94	83
9	Fringante	1	GC	88	
10	Galaxy	1	ST	103	
11	MH 02 AJ 9 - 4N	1	ST	86	
12	MH 02 AN 6 - 1B	1	ST	88	



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Winter Oats Recommended List, 2010

Agronomic & Quality Characteristics	Recommended				Provisionally Recommended	
	Barra	Corrib	Evita	Jalna	Husky	
Relative Yield	98	109	106	95	(106)	
Shortness of straw	(6)	(7)	(8)	(7)	(7)	
Strength of straw	(6)	(8)	(7)	(7)	(7)	
Earliness of ripening	(6)	(8)	(8)	(5)	(8)	
Winter Hardiness	(3)	(3)	(3)	(6)	(3)	



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Winter Oats Recommended List, 2010

Agronomic & Quality Characteristics	Recommended				Provisionally Recommended	
	Barra	Corrib	Evita	Jalna	Husky	
Relative Yield	98	108	106	96	(102)	
Mildew	(3)	(3)	(4)	(6)	(6)	
Crown Rust	(4)	(4)	(4)	(4)	(4)	
Kernal Content (%)	75.1	71.9	70.8	73.5	74.3	
1000 grain wt (g)	36.1	37.3	39.6	38.3	36.7	
Hectolitre Wt (kg/hl)	56.3	53.8	54.4	53.0	55.1	
Year first listed	1986	2006	2001	2000	2010	



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Winter Wheat, Seed Availability for 2010

Variety	RI Status	% Area Sown 2009	% Seed avail 2010	Agt
Einstein	R	34	25	ST
Cordiale	R	23	24	GC
Alchemy	PR	12	1	ST
Lion	PR	4	16	GC
Oakley	PR	14	15	GC
Sahara	-	4	8	GC
JB Diego	-	0.6	7	G
Grafton	-	-	4	GC

Winter Wheat , Early Sown Trial Results

	Variety	Yr	Agt	Yield 09 ©10.05 t/ha	Yield 08	Yield 07	3-year
1	Einstein ©	3	ST	98	102	98	101
2	Cordiale ©	3	GC	102	98	94	99
3	Alchemy	3	ST	99	96	88	96
4	Lion	3	GC	102	100	98	101
5	Oakley	3	GC	101	107	108	106

Winter Wheat , Early Sown Trial Results

	Variety	% Seed avail 2010	Yr	Agt	Yield 09 ©10.05 t/ha	Yield 08	Yield 07	3- year
6	Sahara	8	3	GC	103	95	93	98
7	Gallant		1	ST	98	-	-	99
8	Stratford		2	GC	104	104	-	104
9	Expert	1	1	ST	81	-	-	82
10	JB Diego	7	2	G	102	103	-	103
11	Grafton	4	1	GC	105	-	-	105
12	Hereford		1	GC	103	-	-	103



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Winter Wheat , Early Sown Trial Results

	Variety	% Seed avail 2010	Yr	Agt	Yield 09 ©10.05 t/ha	Yield 08	Yield 07	3- year
13	Brompton		2	G	92	99	-	96
14	Viscount		1	GC	98	-	-	99
15	Humber		2	GC	92	-	98	96
16	Kingdom		1	ST	99	-	-	99

Winter Wheat RL, 2009

	Variety	Yr	Agt	Yield 09 (Based on 5 sites) ©10.4t/ha	Yield 08	Yield 07
1	Einstein ©	R	ST	101	99	101
2	Cordiale ©	R	GC	99	101	103
3	Alchemy	PR	ST	104	93	95
4	Lion	PR	GC	105	99	105
5	Oakley	PR	GC	105	101	106
6	Sahara	4	GC	103	94	102

Winter Wheat RL, 2009

	Variety	Yr	Agt	Yield 09 (Based on 5 sites) ©10.4t/ha	Yield 08	Yield 07
7	JB Diego	3	G	104	97	102
8	Expert	2	ST	101	99	(107)
9	Hereford	2	GC	105	97	(110)
10	Gallant	1	ST	97	(99)	
11	Kingdom	1	ST	104	(98)	
12	Invicta	1	ST	102	(92)	



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Winter Wheat RL, 2009

	Variety	Yr	Agt	Yield 09 (Based on 5 sites) ©10.4t/ha	Yield 08	Yield 07
13	Grafton	1	GC	103	(97)	(98)
14	Chevron	1	GC	101	(94)	
15	Viscount	1	GC	103	(94)	
16	CPBT W150	1	GC	98	(93)	
17	Brompton	1	G	96	(99*)	

Winter Wheat RL, 2009 Ranking to Date

Rating (Continuous site)	Variety	Yield Ranking 2009 (5 sites)
1 (4)	Hereford	105
2 (3)	Oakley	105
3 (6)	Lion	105
4 (2)	JB Diego	104
5 (5)	Alchemy	104
6 (1)	Kingdom	104
7 (12)	Viscount	103
8 (10)	Grafton	103



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Winter Wheat RL, 2009 Ranking to Date

Rating	Variety	Yield Ranking 2009 (5 sites)
9 (9)	Sahara	103
10 (17)	Invicta	102
11 (7)	Chevron	101
12 (8)	Expert	101
13 (11)	Einstein ©	101
14 (14)	Cordiale ©	99
15 (15)	CPBT W150	98
16 (13)	Gallant	97
17 (16)	Brompton	96



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Winter Wheat Untreated Plot Results, 2009

Rating	Variety	Yield Ranking 2009 (1 site) Mean Controls Yield 6.5t/ha
1	Hereford	140
2	JB Diego	133
3	Expert	128
4	Invicta	123
5	Sahara	121
6	Alchemy	121
7	Viscount	120
8	CPBT W150	118

Winter Wheat Untreated Plot Results, 2009

Rating	Variety	Yield Ranking 2009 (1 site) Mean Controls Yield 6.5t/ha
9	Einstein ©	115
10	Chevron	111
11	Brompton	101
12	Lion	98
13	Grafton	96
14	Kingdom	93
15	Gallant	91
16	Oakley	91
17	Cordiale ©	85



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Winter Wheat Untreated Plot Yields vs Treated Controls, 2009

Rating	Variety	Untreated Ranking 2009 (1 site) (Treated Controls Mean Yield 10.04t/ha)
1	Hereford	82
2	JB Diego	78
3	Expert	75
4	Invicta	72
5	Sahara	71
6	Alchemy	71
7	Viscount	70
8	CPBT W150	69

Winter Wheat Untreated Yield vs Treated Controls, 2009

Rating	Variety	Untreated Ranking 2009 (1 site) (Treated Controls Mean Yield 10.04t/ha)
9	Einstein ©	67
10	Chevron	65
11	Brompton	59
12	Lion	57
13	Grafton	56
14	Kingdom	54
15	Gallant	53
16	Oakley	53
17	Cordiale ©	50

Winter Wheats, 2009 Lab Sprouting Test

Rating	Variety	Sprouting %
1	Cordiale	5
2	Einstein	6
3	Kingdom	11
4	JB Diego	12
5	Grafton	14
6	Gallant	15
7	Sahara	19
8	Hereford	23



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Winter Wheats, 2009 Lab Sprouting Test

Rating	Variety	Sprouting %
9	Brompton	24
10	Alchemy	26
11	Lion	29
12	Expert	31
13	Oakley	39
14	Viscount	42

Winter Wheat Recommended list, 2010 ?

	Variety	Yr	Agt	Yield 09 (Based on 5 sites)	Yield 08	Yield 07
1	Einstein	R	ST	101	99	101
2	Cordiale	R	GC	99	101	103
3	Alchemy	PR	ST	104	93	95
4	Lion	PR	GC	105	99	105
5	Oakley	PR	GC	105	101	106
6	Sahara	4	GC	103	94	102

Winter Wheat Recommended list, 2010 ?

	Variety	Yr	Agt	Yield 09 (Based on 5 sites)	Yield 08	Yield 07
7	JB Diego	3	G	104	97	102
8	Expert	2	ST	101	99	(107)
9	Hereford	2	GC	105	97	(110)
10	Gallant	1	ST	97	(99)	
11	Kingdom	1	ST	104	(98)	
12	Invicta	1	ST	102	(92)	

Winter Wheat Recommended list, 2010 ?

	Variety	Yr	Agt	Yield 09 (Based on 5 sites)	Yield 08	Yield 07
13	Grafton	1	GC	103	(97)	(98)
14	Chevron	1	GC	101	(94)	
15	Viscount	1	GC	103	(94)	
16	CPBT W150	1	GC	98	(93)	
17	Brompton	1	G	96	(99*)	

Thanks For Your Attention

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