



WINTER BARLEY 2003

Varieties grown in trials in 2002 but not listed on the 2003 HGCA Recommended List

	C	C	C	C	C	P1	P1	P1	P1	*	*	
	Pearl	Regina	Haka	Jewel	Siberia	Pedigree	Swallow	Antelope	Clara	Saigon	Parasol	Average LSD (5%)
	RL controls					Deferred varieties		Other varieties				
UK treated yield as % control (8.0 t/ha)	98	97	100	97	108	102	102	102	101	100	98	3.2
Grain quality												
Specific weight (kg/hl)	69.5	68.0	70.6	69.9	63.1	71.2	71.8	67.7	65.8	69.6	68.7	0.9
Sieving % through 2.25 mm	1.5	2.5	1.3	1.4	3.1	1.9	1.7	2.2	3.4	0.5	6.4	1.3
Sieving % through 2.5 mm	5.6	9.0	4.4	4.7	14.0	9.1	7.2	9.6	14.0	3.9	20.0	3.2
Nitrogen content (%)	1.7	1.6	1.7	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.7	0.07
Grain yield as % treated control												
UK with fungicide (8.0 t/ha)	98	97	100	97	108	102	102	102	101	100	98	3.2
North region with fungicide (8.1 t/ha)	101	101	100	100	109	102	100	105	101	101	96	4.8
Dry (East) region with fungicide (8.0 t/ha)	99	99	102	98	109	104	104	103	102	103	99	3.8
Wet (West) region with fungicide (7.7 t/ha)	100	98	101	99	109	102	103	101	99	100	99	3.1
UK without fungicide	77	73	81	76	84	79	80	79	78	77	78	4.1
Agronomic features												
Resistance to lodging	6	8	8	7	8	6	7	8	6	8	8	1.2
Straw height (cm)	105	99	99	95	97	101	97	98	99	87	102	2
Ripening (+/- Pearl, -ve = earlier)	0	0	-2	-2	-4	0	-1	0	-1	-2	-1	0.8
Winter hardiness	4	6	7	4	5	6	6	6	6	7	7	2.3
Disease resistance												
Mildew	8	3	8	6	6	6	7	7	7	6	7	1.2
Yellow rust	6	2	8	8	4	9	7	6	8	6	9	1.5
Brown rust	6	7	8	6	5	7	6	5	5	6	7	1.0
<i>Rhynchosporium</i>	8	7	5	8	7	8	7	7	8	6	8	(1.0)
Net blotch	5	5	8	7	5	8	7	7	9	6	7	(1.8)
BaYMV				R	R			R	R	RR	R	

This table should be read in conjunction with the 2003 HGCA Recommended List
Pedigree and Swallow are undergoing further malting tests and a decision on Recommendation is expected in June 2003