

2011 WSU Variety Testing SW Winter Wheat Trial, Anatone

Variety Name *Club Italized	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2011			
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT
Xerpha	105	119	131	138	60.6	9.1	40
ARS970075-3C			120	124	61.6	8.8	40
WA 8143				121	58.3	9.5	40
Eltan	94	107	119	120	56.8	9.4	40
Madsen	88	99	109	119	61.3	9.5	40
AP Legacy		109	119	119	59.8	8.6	40
Bruehl	86	99	113	118	58.0	9.1	42
WB-528	85	100	112	118	62.2	9.2	41
Bruneau	86	101	112	118	60.7	8.7	41
WA 8114			115	118	61.3	8.8	39
Skiles		100	109	116	61.7	9.6	36
NSA06-2153A				116	59.6	8.7	38
Rod	89	98	109	115	59.9	8.7	38
ORCF-102	91	103	110	115	60.7	8.9	41
UICF-Brundage	90	100	109	115	61.2	9.3	39
Eltan/Tubbs 06		101	110	114	58.2	9.2	41
Brundage 96	88	102	111	113	60.3	8.8	39
03PN107#3				113	61.0	9.0	40
WA 8142				113	61.9	9.4	41
BZ6W02-616		98	107	111	61.8	8.7	38
Sunrise (Soft Red)			112	111	59.6	8.6	44
ID00-475-2DH			106	111	62.0	9.2	39
Coda	88	98	107	109	62.2	8.7	42
Masami	87	100	109	109	59.2	9.2	40
Rod/Tubbs 06		98	104	109	60.6	9.0	41
OR2040726 (Mary)		101	108	109	61.4	9.0	39
WA 8134				109	59.9	8.7	41
OR2071628				109	59.1	8.6	38
ARS970163-4C			105	108	60.9	8.3	39
Chukar +25%			106	108	59.7	8.5	39
AP Badger				108	58.8	8.7	37
Madsen/Rod	83	95	102	107	59.6	9.0	39
ARS97230-6C				107	61.8	8.3	35
WA 8135				107	60.9	9.4	40
Bitterroot	82	92	103	106	61.0	8.4	43
ORCF-103	85	97	100	106	59.8	9.4	36
Goetze/Skiles			105	106	60.0	10.2	38
Rod/WB-528				106	60.0	8.8	39
Cara	81	93	104	105	59.2	9.2	39
WA 8145				105	59.7	8.9	41
Cara +25%			107	104	59.4	9.3	40
96-16702A				104	61.3	8.6	41
Tubbs 06	81	92	96	103	60.1	8.8	41
WA 8116			108	103	58.1	9.3	38
ARS98X402-1C				103	60.4	8.4	39
Chukar	80	91	100	102	59.9	9.2	40

2011 WSU Variety Testing SW Winter Wheat Trial, Anatone

Variety Name *Club Italized	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2011			
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT
WA 8094		93	101	102	58.1	9.2	41
OR2070385				102	59.8	9.1	39
Finch	83	91	94	100	60.6	9.1	41
ARS960277L (ARS-Amber)			103	100	60.0	8.1	37
WA 8144				100	59.1	9.4	45
Legion		92	98	99	59.3	8.9	41
ARS970161-3L				98	60.9	8.8	40
SY Ovation				98	60.5	9.4	39
Lambert	80	87	92	95	60.4	9.0	41
WA 8092		95	103	95	56.9	8.8	40
WA 8136				91	57.5	9.2	34
Stephens	76	84	86	90	60.8	9.8	38
AP 700 CL	81	89	88	88	60.9	9.3	42
IDO663				88	61.0	9.2	38
C.V.	13	10	8	7	1.2	5.4	3
LSD	6	8	10	15	1.4	0.9	3
Average	86	98	106	108	60.1	9.0	40
Highest	105	119	131	138	62.2	10.2	45
Lowest	76	84	86	88	56.8	8.1	34

Anatone Soft White Winter Wheat – Preliminary Data

1. Grain yield in the Anatone soft white winter wheat trial averaged 108 bushels/acre, 22 bushels/acre more than the 5-year average. The Anatone nursery was located about three miles north of Anatone, WA (J. Johnson, cooperator).
2. This nursery was seeded on 5 October, 2010 following summer fallow. Seed was placed at an 85#/acre seeding rate using a double disc plot drill set on 6-inch spacing. Base fertilizer was 75#N. Fall seeding conditions were favorable and emergence and stand establishment were good.
3. Yields ranged from 88 to 138 bu/ac. All yield values within the 10% LSD range of the highest yield are shown in bold. Xerpha was the highest yielding cultivar in the trial, and 2 of the 60 entries in the trial were within the top LSD range. Xerpha was also the top yielding entry across five years of results at this location. Stripe rust potential was high at this location and fungicide was applied mid-May and again mid-June. Stripe rust was controlled and did not impact yields and influence variety performance. The Lattice design was 111% efficient compared to an RCBD.
4. Test weights were good with an average of 60.1 lb/bu. Grain protein averaged 9.0% with a range of 8.1 to 10.2%. Plant height averaged 40 inches with no lodging.