

## 2013 WSU Variety Testing SW Winter Wheat Trial, Anatone

Variety Name <i>*Club Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2013				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
Eltan/Tubbs 06	90	87	74	61	61.4	8.8	33	154
Kaseberg (OR2071628)		83	70	61	61.2	9.0	31	153
WA 8170				60	61.5	9.0	35	152
ARS010729-1L				60	62.7	9.0	30	153
WA 8171				59	61.1	8.7	35	153
Eltan	92	87	70	59	61.1	9.1	30	155
02-10606A				58	61.7	8.6	31	154
LWW10-1018				58	60.2	8.6	31	154
Mary	88	82	68	58	62.2	9.0	30	153
4J071246-1C				58	60.6	9.2	29	156
WA 8151			69	57	60.7	9.3	31	155
WB-Junction				57	62.5	9.4	30	153
Tubbs 06	82	80	68	56	61.2	9.4	34	154
ARS990077-1C			67	56	61.3	8.8	30	156
99-06202A				56	61.5	9.4	29	153
ORCF-103	85	80	67	56	61.4	9.3	29	154
ARS-Chrystal		90	73	56	62.2	9.2	31	154
LWW-04-4009			69	56	62.1	9.0	29	155
ARS-Amber		81	71	55	61.0	9.5	31	154
WA 8152			67	55	62.5	9.4	36	152
OR2080924				55	60.2	9.0	33	153
ARS-Crescent		83	70	55	60.9	8.5	30	157
Masami	88	82	69	55	60.6	8.7	32	153
WA 8155			70	55	61.7	9.4	33	154
Otto	86	80	72	55	61.7	9.0	31	155
WA 8169				55	60.4	9.5	33	153
03-29902A				55	61.4	9.4	31	153
OR2071071 (Rosalyn)			71	54	58.5	9.3	30	153
WA 8143		88	72	54	61.9	9.2	31	156
WA 8153			69	53	62.3	9.7	32	153
Bobtail (OR0807P94)			70	53	59.6	9.3	29	153
Xerpha	101	96	74	52	62.1	9.6	33	154
ARS97230-6C				52	62.2	9.3	27	155
JC1108				52	59.2	9.4	32	155
Skiles	87	84	68	52	62.4	9.9	32	152
WB-528	86	83	65	51	62.6	10.0	32	153
Stephens	74	70	60	51	61.7	10.5	28	153
Madsen	87	86	69	51	61.9	10.0	31	153
Cara	84	82	70	51	59.8	9.7	27	156
ARS010780-3C			62	51	61.8	9.0	30	154
Trifecta				51	62.8	10.1	30	152
Bruehl	86	83	66	51	60.6	9.3	30	156
Puma (WA 8134)		81	67	50	61.9	9.1	33	153
ARS-Selbu (ARS970161-3L)		77	67	50	62.9	9.1	33	154
Coda	85	80	65	49	62.7	10.7	30	156
ARS98X402-1C				48	61.4	9.6	27	155
ARS010746-2C				44	61.2	10.2	28	156

## 2013 WSU Variety Testing SW Winter Wheat Trial, Anatone

Variety Name <i>*Club Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2013				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
C.V. %	8	8	7	9	0.7	8.5	7	1
LSD (.10)	3	4	4	5	0.5	0.8	2	2
Average	87	82	69	54	61.4	9.3	31	154
Highest	101	96	74	61	62.9	10.7	36	157
Lowest	74	70	60	44	58.5	8.5	27	152

### Anatone Soft White Winter Wheat - Preliminary Data

1. Grain yield in the 2013 Anatone soft white winter wheat trial averaged 54 bushels/acre, 33 bushels/acre less than the 5-year average at this location. The Anatone nursery was located about six miles south of Asotin, WA (B. Ausman, cooperator).
2. This nursery was seeded on 19 September, 2012 following fallow. Seed was placed at an 85#/acre seeding rate using a no-till plot drill equipped with cross-slot openers set on 10-inch spacing. Base fertilizer was 60#N/acre applied at planting. Fall seeding conditions were dry and emergence and stand establishment were not uniform and created variability but the overall CV of 9% for yield is acceptable.
3. Yields ranged from 44 to 61 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold and this included 18 of the 47 entries in this trial. The blend `Eltan/Tubbs 06' was the highest yielding named entry in the trial. It is probable that some plants at this site experienced damaging frost. There was a low amount of stripe rust potential at this location and no fungicide was applied.
4. Test weights averaged 61.4 lbs./bu and ranged from 58.5 to 62.9 lbs./bu. Grain protein averaged 9.3% with a range of 8.5 to 10.7%. Plant height averaged 31 inches and there was no lodging.