

2012 Colusa Common Wheat Trial

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	Plant Ht (in)	Lodging Harvest	Shatter	Stripe Rust 5/7	BYDV	Septoria	Powdery Mildew	Protein %
CULTIVARS											
20	ANZA	6190 (14)	64.2	40	1.0	2.0	3.8	1.8	1.0	1.0	10.37
788	EXPRESS	5520 (24)	62.5	41	1.0	2.3	3.3	2.5	1.0	1.0	11.54
1340	MIKA	5920 (18)	64.1	46	2.8	1.8	4.0	1.3	1.0	1.8	12.14
1419	PATWIN*	5450 (26)	nd	37	1.0	1.8	1.0	1.8	1.0	1.0	nd
1424	JOAQUIN	5730 (19)	61.3	35	1.0	1.3	6.0	2.0	4.5	1.5	11.26
1495	LASSIK*	6640 (8)	nd	39	1.0	1.5	1.0	2.3	1.0	1.0	nd
1548	WB-CRISTALLO	5580 (22)	63.3	37	1.0	1.8	2.8	1.8	1.0	1.0	11.04
1650	WB-ROCKLAND	5540 (23)	63.7	35	1.0	1.3	1.3	2.8	1.0	1.3	10.48
1667	NEW DIRKWIN	5630 (20)	60.8	44	1.0	1.5	1.0	2.3	1.0	1.0	10.98
1680	PATWIN 515	6210 (12)	62.8	34	1.0	1.0	1.0	2.3	1.0	1.5	11.92
1729	WB-PERLA	5610 (21)	63.1	37	1.0	1.0	1.0	3.0	1.0	1.0	11.76
1731	WB-PATRON	6950 (5)	63.2	41	1.0	1.3	1.0	1.5	1.0	1.0	11.16
ADVANCED LINES											
1624	WB DA905-10	6340 (10)	61.0	38	1.0	1.3	4.3	2.0	1.0	1.0	10.40
1679	CLEAR WHITE 515	6000 (17)	63.4	37	1.0	1.3	1.0	1.8	1.0	1.0	10.94
1684	WWW CABR3509W	5430 (27)	64.0	39	1.0	2.5	2.3	2.3	3.0	1.0	10.25
1686	08SB100	5240 (30)	63.9	39	1.0	1.5	1.0	2.3	1.0	1.0	11.32
1688	08SB0658-B	5340 (28)	63.9	36	1.0	3.3	1.3	1.5	1.0	1.0	9.83
1710	UC 1710	5050 (33)	63.6	36	1.0	2.0	1.0	2.0	1.0	1.0	11.62
1711	UC 1711	6780 (6)	64.6	34	1.0	1.5	1.8	2.0	1.0	1.0	11.04
1712	UC 1712	6420 (9)	62.7	32	1.0	1.0	1.5	2.0	1.0	1.3	10.52
1713	UC 1713	6210 (13)	63.7	36	1.0	1.8	1.0	1.3	1.0	1.0	10.63
1714	UC 1714	5480 (25)	62.3	38	1.0	2.5	1.0	1.0	1.0	1.0	12.22
1715	UC 1715	7150 (2)	61.7	38	1.0	1.0	1.0	1.3	1.0	1.0	11.11
1716	WINCAL 09196	7090 (3)	63.2	35	1.3	1.0	1.5	1.8	1.0	1.0	9.89
1723	ATOMO	7810 (1)	65.1	37	1.0	1.3	1.0	2.3	1.0	1.0	9.20
1724	08SB0073	6320 (11)	62.7	37	1.0	1.0	1.0	2.5	1.5	1.0	11.17
1725	ATREVIDO	6120 (15)	62.6	40	1.0	2.0	1.3	2.5	1.0	1.0	11.04
1726	08SB0738	6100 (16)	63.9	36	1.0	1.0	1.0	1.5	1.0	1.0	10.82
1727	08SB0008-B	6980 (4)	62.1	36	1.0	1.0	1.8	1.8	1.3	1.0	11.51
1728	WB-JOAQUIN ORO	5230 (32)	63.4	37	1.0	1.3	1.0	2.8	1.3	1.8	13.38
1730	WB SJ907-229	6760 (7)	64.4	38	1.0	1.0	1.0	2.5	1.0	1.3	11.79
1732	WWW BR2308W	5240 (31)	63.1	39	1.3	2.5	2.5	3.3	2.5	1.0	10.04
1734	APB W9-3AL	5310 (29)	62.0	36	1.0	2.0	1.0	3.3	1.0	1.0	12.02
	MEAN	6040	63.1	37	1.1	1.6	1.7	2.1	1.2	1.1	11.08
	CV	12	1.9	3.6	19.3	37.6	37.5	40.8	20.3	34.4	
	LSD (.05)	1010	ns	3	0.3	0.8	0.9	1.2	0.4	ns	

Rating scale for diseases (area of flag-1 leaf affected), lodging, and shatter: 1 = 0-3%, 2 = 4-14%,

3 = 15-29%, 4 = 30-49%, 5 = 50-69%, 6 = 70-84%, 7 = 85-95%, 8 = 96-100%.

BYDV ratings (see scale above) were based on percentage of plants showing foliar symptoms.

Numbers in parentheses indicate relative rank in column.

*Values are from an adjacent trial that we conducted under the exact same conditions

Protein is expressed at 12% moisture