

TABLE 60. 1999 UC DAVIS OAT GRAIN TEST

ENTRY	YIELD (lbs/acre)	1000 TEST KERNEL		SHATTER	PLANT LODGING		LODGING (harvest)	DAYS TO HEADING (from 3/1)	DAYS TO MATURITY (from 3/1)	BYDV	POWDERY MILDEW	LEAF BLOTCH
		WT (lbs/bu)	WT (grams)		HT (in)	(soft) (dough)						
<u>CULTIVARS</u>												
2 SIERRA	5210 (05)	40.4	42.3	1.3	62	1.8	1.8	55	94	2.0	1.0	1.0
3 MONTEZUMA	4650 (09)	40.6	40.8	1.5	56	3.3	5.3	49	87	3.0	1.0	1.0
6 KANOTA	2440 (11)	41.0	33.1	2.5	68	4.0	5.3	52	88	1.8	1.0	1.0
10 SWAN	4800 (08)	43.4	47.8	1.3	65	1.5	1.5	52	93	1.8	1.0	1.0
89 BATES 89	3210 (10)	43.3	29.1	2.0	67	2.0	1.0	66	97	1.3	1.0	1.0
95 PERT	6890 (02)	41.8	40.1	1.3	54	1.0	1.3	66	112	1.0	1.0	1.8
96 OGLE	5070 (06)	41.5	33.4	1.3	68	1.0	1.0	64	100	1.3	1.0	1.0
<u>ADVANCED LINES</u>												
113 UC 113	6650 (03)	42.0	39.4	1.0	54	1.0	1.0	67	112	1.0	1.0	1.5
125 UC 125	7020 (01)	42.0	39.7	1.0	55	1.0	1.0	65	112	1.0	1.0	1.0
132 UCD 94-403	4930 (07)	38.7	28.9	1.0	43	1.0	1.0	68	95	1.3	1.0	3.0
148 UCD 96-412	5370 (04)	44.3	40.3	1.3	56	1.0	1.0	63	103	1.3	1.8	1.3
MEAN	5110	41.7	37.7	1.4	59	1.7	1.9	61	99	1.5	1.1	1.3
CV	10.5	1.2	4.0	30.9	3.5	22.8	30.0	1.0	0.5	25.6	27.0	32.5
LSD (.05)	780	1.1	3.3	0.6	5.0	0.6	0.8	1.0	1.0	0.6	0.4	0.6

Rating scale for diseases (area of flag-1 leaf affected at soft dough stage), 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.