

TABLE 1. SITE CHARACTERISTICS FOR UC REGIONAL CEREAL EVALUATION TESTS, 2002

LOCATION	TESTS	SOWING DATE	SOIL TYPE	2001 CROP	FERTILIZATION	IRRIGATION	RAIN (in)
Butte Co., Chico State University Farm, Chico	Wheat Barley	11/6/2001	Vina loam	Safflower	50# N as 11-52-0 preplant; 80# 11-52-0 with seed; 50# N as ammonium sulfate topdressed on 1/15/02	Flood 1X 6" total	20.92
Imperial Co., UC Desert REC, El Centro	Wheat Durum Triticale	#####	Imperial clay	Sudangrass	100# N and 60# P ₂ O ₅ preplant, 200# N topdress (100# tillering, 100# boot)	Flood 5X - normal irrigation (30" total) 3X - low irrig; 12" tot.	0.07
Kern Co., J.G. Boswell Co., Kern Lake Ranch Old River	Wheat Durum	12/5/2001	Milcox clay	Cotton	300# urea + 100# 11-52-0 preplant 43# N as water-run aqua NH ₃ on 3/3, 41# N as water-run NH ₃ on 4/4 (233# N total)	Flood 4X 37" total	4.43
Kings Co., Hansen Ranch, Corcoran	Wheat Durum Triticale Barley	12/6/2001	Tulare clay	Cotton	154# N as NH ₃ + 125# 11-52-0 preplant 90# N as water-run NH ₃ topdress	Flood 3X 16" total	5.33
Madera Co., Dupont Research Facility, Madera	Wheat Durum	12/7/2001	sandy loam	Fallow	500# 16-16-16 preplant	Sprinkler 2X 5.15" total	9.40
Madera Co., Triangle T Ranch Chowchilla	Barley	#####	Fresno & El Peco fine sandy loam	Cotton	300# (NH ₄) ₂ SO ₄ preplant 33# N as UN32 topdress	Flood 3X 24" total	9.40
Modoc Co., UC Intermountain REC, Tulelake	Barley Wheat	4/3/2002	Tule basin mucky silty clay loam	Peas	200# 16-20-0 preplant (barley) 300# 16-20-0 preplant (wheat)	Sprinkler 2X 7.68" total	3.72
Sacramento Co., Sac/SJ Delta, Mello Farms, Locke	Wheat	2/5/2002	Egbert muck	Corn	80# 11-52-0 with seed	Flood 1X	16.93
Santa Clara Co., UC BAREC, Santa Clara	Wheat Oat	#####	Campball silty clay	Fallow (clover cover)	50# N as ammonium nitrate topdressed on 1/28/02	None	8.81
San Luis Obispo Co., White Ranch, Shandon	Barley Wheat	#####	Metz-Tujung complex loamy sand to fine sand	Fallow	80# 11-52-0 with seed	None	7.66
Siskiyou Co., Peters Ranch, Montague	Wheat Barley Triticale	#####	Clay loam	Cereal hay	80# 11-52-0 with seed 100#N/acre as NH ₃ topdress	Flood 1X 7" total	8.50
Siskiyou Co., Fitzgerald Ranch, Macdoel (Butte Valley)	Wheat Barley	4/4/2002	Powman loamy sand	Barley	100# N/acre as anhydrous ammonia preplant	Sprinkler 12" total	3.63
Tulare Co., Changala Ranch, Ducor	Wheat Barley	#####	Ducor loam	Fallow	30# N as UN32 preplant 80# 11-52-0 with seed	None	6.57
Yolo Co., UC Davis Agronomy Farm, Davis	Wheat Durum Triticale Oat Barley	11/8/2001 11/8/2001 11/8/2001 1/25/2002 1/25/2002	Yolo loam	Fallow	60# N as NH ₄ NO ₃ preplant (40# barley, oat) 80# 11-52-0 with seed 40# N as NH ₄ NO ₃ at jointing (wheat, durum, and triticale only) 34# N as NH ₄ NO ₃ at anthesis (wheat and durum only)	Flood 1X, 6" total (2X barley and oat)	14.68