

TABLE 1. SITE CHARACTERISTICS FOR UC REGIONAL CEREAL EVALUATION TESTS, 2001

LOCATION	TESTS	SOWING DATE	SOIL TYPE	2000 CROP	FERTILIZATION	IRRIGATION	RAIN (in)
Butte Co. Chico State University Farm	Wheat	11/22/2000	Vina loam	Cucumber	50# N as (NH ₄) ₂ SO ₄	Flood 1X	23.2
Chico	Barley				(March topdress)	4" total	
Colusa Co., Erdman Ranch	Wheat	11/16/2000	silt loam	Tomato	120# N as anhydrous ammonia (preplant)	None	12.4
Grimes							
Imperial Co., UC Desert REC, El Centro	Wheat Durum Triticale	12/16/2000	Imperial clay	Sudan	100# N and 60# P ₂ O ₅ preplant, 200# N topdress	Flood 6X @ 6"/irrigation 36" total	0.59
Kern Co., J.G. Boswell Co. Kern Lake Ranch	Wheat Durum	12/14/2000	Milloy clay	Cotton	135# N preplant, 32# N as water-run aqua NH ₃ on 3/12, 18# N as water-run NH ₃ on 4/1, and 33# N as water-run UN 32 on 5/2	Flood 5X 22.7" total	5.8
Kings Co., J.G. Boswell Co. Corcoran	Wheat Durum Triticale Barley	12/13/2000	Tulare clay	Cotton	200# 30-20-0 preplant, 38# N as NH ₄ NO ₃ on 1/24, 32# N as NH ₄ NO ₃ on 2/23 33# N as anhydrous ammonia on 3/31 (water-run) 24# N as anhydrous ammonia on 4/26 (water-run)	Flood 3X 20.7" total	6.9
Madera Co., Dupont Research Facility Madera	Wheat Durum	12/12/2000	sandy loam	Wheat	700# 16-16-16 preplant	Sprinkler 8X, 9.4" total	9.5
Madera Co., Triangle T Ranch Chowchilla	Barley	11/29/2000	Fresno & El Peco fine sandy loam	Cotton	300# (NH ₄) ₂ SO ₄ and 1000# sulfur preplant	Flood 3X 18" total	10.6
Santa Clara Co., UC BAREC Santa Clara	Wheat Oat	12/4/2000		Strawberry	50# NH ₄ NO ₃ preplant	None	12.8
San Joaquin Co. - Sac/SJ Delta Victoria Island Farms Holt	Wheat	11/28/2000	Egbert muck, peat	Corn	300# 11-52-0 preplant, 75# N as urea topdress	Flood 1X 6" total	11.7
San Luis Obispo Co., White Ranch Shandon	Barley Wheat	11/30/2000	Metz-Tujunga complex loamy sand to fine sand	Fallow	140# 30-12-0-8S	None	14.4
Siskiyou Co., Prather Ranch Butte Valley (Macdoel)	Wheat Barley	4/25/2001	Powman loamy sand	Potato	84# N as ammonium sulfate preplant	Sprinkler 16" total	5.0
Shasta Co., Currow Hill Ranch 542-592 Pittville Road, McArthur	Wheat Barley	4/30/2001		Barley	100# N, 30# P ₂ O ₅ preplant	Sprinkler 13X, 26" total	1.5
Tulare Co., Si Changala Ducor	Wheat Barley	11/29/2000	Ducor loam	Fallow	None	None	7.6
Yolo Co., UC Davis Agronomy Farm Davis	Wheat Durum Triticale Oat Barley	11/15/2000 11/15/2000 11/15/2000 12/5/2000 12/5/2000	Yolo loam	Dry bean	80# N as NH ₄ NO ₃ preplant (0# barley, oat) 32# N as NH ₄ NO ₃ at jointing (38# barley, oat) 35# N as NH ₄ NO ₃ at anthesis (wheat and durum only)	Flood 2X, 12" total (1X barley and oat)	14.8
Yolo Co., Olagary Brothers Dunningan	Wheat	11/28/2000	Rincon silty clay loam	Fallow	50# N (aqua ammonia) preplant 200# (NH ₄) ₂ SO ₄ topdress	None	15.0