

TABLE 1. SITE CHARACTERISTICS FOR UC REGIONAL CEREAL EVALUATION TESTS, 2003

LOCATION	TESTS	SOWING DATE	SOIL TYPE	2002 CROP	FERTILIZATION	IRRIGATION	RAIN (in)
Butte Co. Chico State University Farm Chico	Wheat Barley	11/1/2002	Vina loam	Dry beans	325 # 21-0-0 preplant; 80# 11-52-0 with seed; 225 # 21-0-0 topdressed on 2/3/03	None	22.48
Colusa Co., Erdman Farm, Grimes	Wheat	#####	Silt loam	Tomatoes	120# N/acre as NH ₃ preplant 80# 11-52-0 with seed	None	16.69
Glenn Co., Feeney Ranch, Willows	Wheat Barley	11/1/2002	Nacimiento clay	Pasture	80# 11-52-0 with seed	None	21.0
Imperial Co., UC Desert REC, El Centro	Wheat Durum Triticale	#####	Imperial clay	Alfalfa	100# N and 60# P ₂ O ₅ preplant, 200# N topdress (100# tillering, 100# boot)	Flood 5X - normal irrigation (24.95") Flood 3X - low irrigation (18.84")	1.49
Kern Co., J.G. Boswell Co. Kern Lake Ranch	Wheat Durum	12/3/2002	Milcox clay	Cotton	300# urea + 80 # 11-52-0 preplant 51#N/ac (NH ₃) and 16#N/ac (UN32) on 3/11 40#N/ac (NH ₃) on 4/7	Flood 4X (27" total)	6.80
Kings Co., Hansen Ranch Corcoran	Wheat Durum Triticale Barley	#####	Tulare clay	Cotton	154#N/ac as NH ₃ preplant 80# 11-52-0 preplant 90#N/ac as NH ₃ topdress	Flood 3X (16" total)	5.49
Lassen Co., Bird Flat Ranch Susanville	Wheat Barley	4/17/2003	Chappuis silt loam	Hay	400# (NH ₄) ₂ SO ₄ preplant, 80# 11-52-0 with seed;	Wheel line 4X (14" total)	3.47
Madera Co., Dupont Research Facility Madera	Wheat Durum	#####	sandy loam	Cotton	500# 16-16-16 preplant; 80# 11-52-0 with seed;	Wheel line 5X (8.8" total)	8.06
Madera Co., Triangle T Ranch Chowchilla	Barley	#####	Fresno & El Peco fine sandy loam	Cotton	300# (NH ₄) ₂ SO ₄ preplant, 80# 11-52-0 with seed; 48#N/ac (UN32) topdress on 4/3	Flood 4X (36" total)	8.06
Modoc Co., UC Intermountain REC, Tulelake	Barley Wheat	4/16/2003	Tule basin mucky silty clay loam	Peas	300# 16-20-0 preplant, 60#N/ac as 21-0-0 topdress (barley) 400# 16-20-0 preplant, 90#N/ac as 21-0-0 topdress (wheat)	Wheel Line 2X (6" barley, 7.2" wheat)	4.48
San Joaquin Co. Victoria Island Farms Sac-San Joaquin Delta (Stockton)	Wheat	#####	Egbert muck	Safflower	200#N/ac as 11-52-0 preplant 80# 11-52-0 with seed	Flood 1X (6" total)	14.85
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	3.99
Siskiyou Co., Peters Ranch Montague	Wheat Barley Triticale	#####	Clay loam	Cereal hay	70#N/ac as NH ₃ preplant 80# 11-52-0 with seed	Flood 2X (12" total)	19.82
Siskiyou Co., Fitzgerald Ranch Butte Valley (Macdoel)	Wheat Barley	4/15/2003	Munnell gravelly loam	Alfalfa	80# N/acre as anhydrous ammonia preplant 80# 11-52-0 with seed	Wheel line 6X (12" total)	2.00
Tulare Co., Si Changala Ducor	Wheat Barley	#####	Ducor loam	Fallow	80# 11-52-0 with seed	None	7.39
Yolo Co., UC Davis Agronomy Farm Davis	Wheat Durum Triticale Oat Barley	11/5/2002 11/5/2002 11/5/2002 12/5/2002 12/5/2002	Yolo loam	Fallow	60# N as NH ₄ NO ₃ preplant (40# barley, oat) 80# 11-52-0 with seed 40# N as 34-0-0 at jointing	Flood 1X (6" total)	20.10