

TABLE 1. SITE CHARACTERISTICS FOR UC REGIONAL CEREAL EVALUATION TESTS, 2005

LOCATION	TESTS	SOWING DATE	SOIL TYPE	2004 CROP	FERTILIZATION	IRRIGATION	RAIN (in)
Butte Co. Chico State University Farm Chico	Wheat Barley	11/17/2004	Vina loam	Fallow	250# ammonium sulfate preplant; 97# 11-52-0 at planting; Topdress: 250# ammonium sulfate	None	14.7
Colusa Co., Erdman Farm, Grimes	Wheat	11/18/2004	Scribner silt loam	Tomatoes	120# N/acre as NH <sub>3</sub> preplant 80# 11-52-0 with seed	None	15.5
Fresno Co., California State University, Fresno	Wheat Durum Barley	11/23/2004	Ramona loam	Alfalfa	130#N (urea) preplant	Flood 2X (14" total)	15.2
Glenn Co., Feeney Ranch, Willows	Wheat Barley	11/8/2004	Nacimiento clay Altamont clay	Fallow	80# 11-52-0 at planting	None	14.7
Imperial Co., UC Desert REC, El Centro	Wheat Durum	12/22/2004	Imperial clay	Alfalfa	100# N and 65# P <sub>2</sub> O <sub>5</sub> preplant, 220# N topdress	Flood 5 X ( approx 40" total)	1.7
Kern Co., J.G. Boswell Co. Kern Lake Ranch	Wheat Durum	12/6/2004	Miltox clay	Cotton	140# N/acre (46-0-0) preplant 80# 11-52-0 at planting Topdress: 82-0-0 @ 44# N/acre, twice	Flood 4X (30-35" total)	7.4
Kings Co., 3-H Hansen Ranch Corcoran	Wheat Durum	12/6/2004 12/14/2004	Goldberd Loam, Drained	Cotton	25#N (manure) and 150#N, 50#P and 10# S (31-15-0) preplant Topdress: 50#N (ammonium nitrate) and 35#N (as water-run NH <sub>3</sub> )	Flood 2X (8" total)	9.2
Lassen Co., Dow Ranch Wendel	Wheat Barley	11/10/2004	Humboldt silty clay loam	Corn	80# 11-52-0 at planting Topdress: 80# N/acre (urea)	Flood 3X (18" total)	10.2
Modoc Co., UC Intermountain REC, Tulelake	Barley Wheat	11/9/2004	Tule basin mucky silty clay loam	Sudan grass	300# 16-20-0 preplant (barley) 400# 16-20-0 preplant (wheat)	Sprinkler (Barley, 7"; Wheat, 9.4")	13.1
Modoc Co., UC Intermountain REC, Tulelake	Barley Wheat	2/24/2005	Tule basin mucky silty clay loam	Sudan grass	300# 16-20-0 preplant (barley) 400# 16-20-0 preplant (wheat)	Sprinkler (Barley, 7"; Wheat, 9.4")	6.9
Modoc Co., UC Intermountain REC, Tulelake	Barley Wheat	4/14/2005	Tule basin mucky silty clay loam	Peas	300# 16-20-0 preplant (barley) 400# 16-20-0 preplant (wheat)	Sprinkler (6.1" total)	5.6
San Joaquin Co, Victoria Island Farms Sac-San Joaquin Delta (Stockton)	Wheat	11/23/2004	Egbert muck	Corn	80# 11-52-0 at planting Topdress: 48# N/acre (urea)	Flood 1X (6" total)	14.0
San Luis Obispo Co., White Ranch Shandon	Barley	11/22/2004	Pico-San Emigdio-Sorrento loamy sand to fine sand	Fallow	80# 11-52-0 with seed	None	23.2
Siskiyou Co., Fitzgerald Ranch Butte Valley (Macdoel)	Wheat Barley	4/15/2005	Munnell gravely loam	Alfalfa	80# N (anhydrous ammonia) preplant 150# 11-52-0 at planting	Center Pivot Sprinkler (6" total)	9.4
Siskiyou Co., Peters Ranch Montague	Wheat Barley	11/9/2004	Clay loam	Barley	60# N (anhydrous ammonia) preplant 80# 11-52-0 at planting	Flood 1X (8" total)	12.50
Tulare Co., Si Changala Ducor	Wheat Barley	11/22/2004	Centerville clay	Fallow	80# 11-52-0 at planting	None	13.7
Yolo Co., UC Davis Agronomy Farm Davis	Wheat Durum Barley	11/19/2004 11/19/2004 11/24/2004	Yolo loam	Fallow	80# N (ammonium nitrate) preplant (60# N - barley) 80# 11-52-0 with seed Topdress: 50# N/acre at tillering 40# N (ammonium nitrate) at anthesis (wheat only)	Flood: 1X (6" total)	19.9