

TABLE 1. SITE CHARACTERISTICS FOR UC REGIONAL CEREAL EVALUATION TESTS, 2006

LOCATION	TESTS	SOWING DATE	SOIL TYPE	2005 CROP	FERTILIZATION	IRRIGATION	RAIN (in)
Butte Co. Chico State University Farm Chico	Wheat Barley	11/15/05	Vina loam	Fallow	80# 11-52-0 with seed Topdress: 50# ammonium nitrate	None	29.2
Colusa Co., Erdman Farm, Grimes	Wheat	11/14/05	Scribner silt loam	Tomato	120# N/acre as anhydrous ammonia preplant 80# 11-52-0 with seed	None	14.2
Glenn Co., Feeney Ranch, Willows	Wheat Barley	11/14/05	Nacimiento clay Altamont clay	Fallow	80# 11-52-0 with seed Topdress 44# N (urea)	None	24.6
Imperial Co., UC Desert REC, El Centro	Wheat Durum	12/10/05	Imperial clay	Alfalfa	65# P ₂ O ₅ preplant, 320# N topdress	Flood 5X (40" total)	0.32
Kern Co., J.G. Boswell Co. Kern Lake Ranch	Wheat Durum	12/9/05	Miltox clay	Cotton	400# 33-13-0 preplant Topdress 45# N (82-0-0)	Flood 3X (27" total)	8.8
Kings Co., McCarthy Family Farms, Inc. Corcoran,	Wheat Durum	11/28/05	Tulare clay	Cotton	Preplant: 182#N (compost); 80# 11-52-0 with seed	Flood 2X (18" total)	8.2
Madera Co., Dupont Research Facility Madera	Wheat Durum	11/28/05	Visalia sandy loam Chino fine sandy loam		350# ammonium sulfate preplant; 80# 11-52-0 with seed Topdress: 60# N (urea)	Sprinkler 2X (2.2" total)	13
Merced Co., Bowles Farming Co. Los Banos	Barley	11/21/05	Bolfar clay loam	Cotton	Preplant: 60# N (ammonium sulfate); 80# 11-52-0 with seed Topdress: 50# N (UN-32)	Flood 2X (16-18" total)	7.4
Modoc Co., UC Intermountain REC, Tulelake	Barley Wheat	10/27/05	Tule basin mucky silty clay loam	Sudan grass	450# 16-20-20 preplant (wheat) 300# 16-20-20 preplant (barley)	Sprinkler (11.6" wheat, 9.5" barley)	12.7
Modoc Co., UC Intermountain REC, Tulelake	Barley Wheat	3/27/06	Tule basin mucky silty clay loam	Sudan grass	450# 16-20-20 preplant (wheat) 300# 16-20-20 preplant (barley)	Sprinkler (11.6" wheat, 9.5" barley)	12.7
Modoc Co., UC Intermountain REC, Tulelake	Barley Wheat	5/4/06	Tule basin mucky silty clay loam	Peas	450# 16-20-20 preplant (wheat) 300# 16-20-20 preplant (barley)	Sprinkler (11.6" wheat, 9.5" barley)	12.7
San Joaquin Co, Victoria Island Farms Sac-San Joaquin Delta (Stockton)	Wheat	12/5/05	Egbert muck	Tomato	80# 11-52-0 with seed Topdress: 92# N (urea)	Furrow 1X (6")	10.5
San Luis Obispo Co., White Ranch Shandon	Barley	11/10/05	Pico-San Emigdio-Sorrento loamy sand to fine sand	Fallow	80# 11-52-0 with seed	None	10.4
Tulare Co., Changala Ranch Ducor	Wheat Barley	11/29/05	Centerville clay	Fallow	80# 11-52-0 with seed	None	12.1
Yolo Co., UC Davis Agronomy Farm Davis	Wheat Durum Barley	11/16/05 11/16/05 11/22/05	Yolo loam	Fallow	60# N (urea) preplant (40# N - barley) 80# 11-52-0 with seed Topdress: 50# N (urea) at tillering (40# N - barley) 40# N at anthesis (wheat only)	Flood: 1X (wheat) (6" total)	23.5