

TABLE 1. SITE CHARACTERISTICS FOR UC REGIONAL CEREAL EVALUATION TESTS, 1999

LOCATION	TEST	SOWING DATE	SOIL TYPE	1998 CROP	FERTILIZATION	IRRIGATION	RAIN (in)
Butte Co. Chico State University Farm Chico	Wheat Barley	11/16/1998	Vina loam	fallow	80# N preplant, 40# N as (NH ₄) ₂ SO ₄ topdress on 3/1	Flood 1X 4" total	18.6
Colusa Co., Erdman Ranch Grimes	Wheat	11/03/1998	silt loam	Tomato	150# N as anhydrous ammonia (preplant),	Furrow 1X 6" total	10.8
Imperial Co., UC Desert REC, El Centro	Wheat, Durum Triticale	12/17/1998	Imperial clay	Sudan	100# N and 60# P ₂ O ₅ preplant, 50# N @ tillering, 50# N @ boot	Flood 5X @ 6" irrigation	0.2
Kern Co., J.G. Boswell Co. Kern Lake Ranch	Wheat Durum	12/09/1998	Lorean clay	Cotton	138# N as urea preplant, 75# N as NH ₃ water-run	Flood 4X 21" total	5.3
Kings Co., J.G. Boswell Co. Corcoran	Wheat, Durum Triticale Barley	12/02/1998	Gepford clay, sandy substratum, partially drained	Cotton	355# 30-22-0 preplant, 15#N (foliar urea) topdressed (2/24), 46# N as urea broadcast (3/2), 40 # N as water-run NH ₃ (3/11), 22.5# N as water-run UN32 (4/10), 22# N as water-run NH ₃ (4/28)	Flood 4X 24" total	5.3
Lassen Co., Perma Firma Ranch Bieber	Wheat Barley	04/20/1999	gravelly sandy loam	Hay	130# 11-52-0 with seed	Sprinkler 2X 4" total	-
Madera Co., Dupont Research Facility Madera	Wheat, Durum	12/02/1998	sandy loam	Sugarbeet	125# (NH ₄) ₂ SO ₄ preplant, 30# N as NH ₄ NO ₃ @ anthesis	Sprinkler 12X 6.9" total	7.3
Madera Co., Triangle T Ranch Chowchilla	Barley	12/02/1998	Traver loam	Cotton	300# (NH ₄) ₂ SO ₄ preplant 10 gal/acre UN32 topdress	Flood 4X 31.2" total	7.3
Modoc Co., UC Intermountain REC, Tulelake	Barley Wheat	04/19/1999	Tulebasin Mucky silty clay loam	Peas Peas/Fallow	400# 16-20-0 preplant (barley) 600# 16-20-0 preplant (wheat)	Sprinkler 2X 11.3" total	2.5
San Joaquin Co. - Sac/SJ Delta Victoria Island Farms Holt	Wheat	11/20/1998	Egbert muck	Safflower	300# 35-17-0 preplant, 69# N as urea topdress	Flood 2X 12" total	11.8
San Luis Obispo Co., White Ranch Shandon	Barley Wheat	12/03/1998	Metz-Tujung complex loamy sand to fine sand	Fallow	130# 19-9-0 with seed	None	8.5
Siskiyou Co., Sears Ranch Montague	Wheat Barley	10/30/1998	Montague clay	Alfalfa	700# 21-0-0 preplant 80# 11-52-0 with seed	Flood 4X 18" total	21.2
Siskiyou Co., Prather Ranch Butte Valley (Macdoel)	Wheat Barley	04/21/1999	Poman loamy sand	Potato	400# 21-0-0 preplant 80# 11-52-0 with seed	Sprinkler 12" total	1.5
Stanislaus Co., Foster Farms, Hickman	Forage	11/05/1998	Modified San Joaquin sandy loam	Silage Corn	Dairy lagoon water - two times	Lagoon water 2X	11.6
Sutter Co., Moroni Farm Meridian	Wheat	11/19/1998	Nueva loam	Watermelon seed	150# N (aqua) preplant	None	13.4
Tulare Co., Si Changala Ducor	Wheat Barley	12/03/1998	Ducor loam	Fallow	40# N as UN-32 preplant	None	7.0
Yolo Co., UC Davis Agronomy Farm Davis	Wheat, Durum Triticale Barley, Oat	11/12/1998 11/12/1998 11/17/1998	Yolo loam	Dry bean	80# N as NH ₄ NO ₃ preplant (40# barley, oat) 80# 16-20-0-13S with seed, 32# N as NH ₄ NO ₃ at jointing 42# N as NH ₄ NO ₃ at anthesis (wheat and durum only)	Flood 1X @ 6" (wheat and durum)	13.0
Yolo Co., Olagary Brothers Dunnigan	Wheat Barley	11/13/1998	Tehama loam	Fallow	150# 16-20-0-13S-2Zn with seed 60# N as urea topdressed	None	14.8