

TABLE 1. SITE CHARACTERISTICS FOR UC REGIONAL CEREAL EVALUATION TESTS, 1998

LOCATION	TEST	SOWING DATE	SOIL TYPE	1997 CROP	FERTILIZATION	IRRIGATION	RAIN (in)
Butte Co. Chico State University Farm Chico	Wheat Barley	11/10/1997	Vina loam	Corn	100# N as $\text{NH}_4\text{NO}_3$	None	50+
Colusa Co., Erdman Ranch Grimes	Wheat	11/05/1997	Columbia loam	Tomato	120# N as anhydrous ammonia (preplant), 150# $\text{NH}_4\text{NO}_3$ @ 50% heading	None	40+
Imperial Co., UC Desert REC, El Centro	Wheat, Durum Triticale	12/16/1997	Imperial clay	Sudan	100# N and 60# $\text{P}_2\text{O}_5$ preplant, 50# N @ tillering, 50# N @ boot	Flood 5X @ 6"/irrigation	1.7
Kern Co., J.G. Boswell Co. Kern Lake Ranch	Wheat Durum	12/10/1997	Lorean clay	Cotton	150# N as $\text{NH}_3$ preplant, 100# 11-52-0 with seed 100# urea topdressed 35# N as water-run $\text{NH}_3$	Flood 3X @ 8-9"/irrigation	11.9
Kings Co., J.G. Boswell Co. Corcoran	Wheat, Durum Triticale Barley	11/24/1997	Armona loam, partially drained	Cotton	90# N as $\text{NH}_3$ and 150# 11-52-0 preplant, 32# N as $\text{NH}_4\text{NO}_3$ and 40# N (2/24) and 46# N (3/12) as urea topdressed 90# (total) N as water-run (2 irrigations) UN32. Total N = 298#.	Flood 2X @ 6"/irrigation	11.1
Lassen Co., Jay Dow Ranch Honey Lake (Susanville)	Wheat Barley	04/27/1998	Humboldt silty clay	Sudan	130# 16-20-0-13S with seed 250# $\text{NH}_4\text{NO}_3$ at tillering	Flood 2X @ 6"/irrigation	2.9
Madera Co., Dupont Research Facility Madera	Wheat, Durum	11/25/1997	sandy loam	Alfalfa	125# $(\text{NH}_4)_2\text{SO}_4$ preplant, 250# $(\text{NH}_4)_2\text{SO}_4$ topdressed	Flood 1X @ 6"/irrigation	20.0
Madera Co., Triangle T Ranch Chowchilla	Barley	11/21/1997	Traver loam	Cotton	300# $(\text{NH}_4)_2\text{SO}_4$ preplant 11.3 gal/acre UN32 topdressed	Flood 1X @ 6"/irrigation	22.2
Modoc Co., UC Intermountain REC, Tulelake	Barley Wheat	04/23/1998	Tulebasin Mucky silty clay loam	Fallow	400# 16-20-0 preplant (barley); 600# 16-20-0 preplant (wheat)	Sprinkler 16 hr	6.8
San Luis Obispo Co., White Ranch Shandon	Barley Wheat	12/03/1997	Pico fine sandy loam	Fallow	130# 30-12-0S-5Zn with seed 30# 30-12-0S-5Zn topdressed	None	14.3
Siskiyou Co., Peters Ranch Montague	Wheat Barley	10/28/1997	Clay loam	Alfalfa	150# N (aqua) preplant 80# 16-20-0-13S with seed	Flood 1X 8"/irrigation	18.0
Siskiyou Co., Prather Ranch Butte Valley (Macdoel)	Wheat Barley	04/23/1998	Poman loamy sand	Potato	175# urea preplant	Sprinkler 10"	18.0
Stanislaus Co., Foster Farms, Hickman	Forage	10/30/1997	Modified San Joaquin sandy loam	Corn	80# N as $(\text{NH}_4)_2\text{SO}_4$ topdressed	None	24.0
Sutter Co., Moroni Farm Meridian	Wheat, Barley Triticale	11/05/1997	Nueva loam	Tomato	160# N (aqua) preplant 100# $(\text{NH}_4)_2\text{SO}_4$ topdressed	None	37.6
Tulare Co., Si Changala Ducor	Wheat Barley	12/04/1997	Ducor loam	Fallow	80# 11-52-0-2S with seed 35# N (UN32) preplant	None	13.6
Yolo Co., UC Davis Agronomy Farm Davis	Wheat Durum Triticale Barley, Oat	11/11/1997 11/11/1997 11/11/1997 11/12/1997	Yolo loam	Beans	60# N as $\text{NH}_4\text{NO}_3$ preplant (30# barley, oat) 80# 11-52-0 with seed 37# N as $\text{NH}_4\text{NO}_3$ at jointing (40# barley, oat) 45# N as $\text{NH}_4\text{NO}_3$ at anthesis (0# triticale, barley, oat)	None	29.7
Yolo Co., Olagary Brothers Dunnigan	Wheat Barley	11/07/1997	Rincon silty clay loam Class II	Fallow	70# N (aqua) preplant, 80# 16-20-0-13S-2Zn with seed	None	32.0