

**Table 1.** SITE CHARACTERISTICS FOR UC REGIONAL CEREAL EVALUATION TESTS, 2012

LOCATION	TESTS	SOWING DATE	SOIL TYPE	2011 CROP	FERTILIZATION	IRRIGATION	RAIN year (in)
<b>REGIONAL:</b>							
Butte Co., Sierra Nevada Brewing Chico	Barley	12/12/11	Chico loam	Barley	300 lb/ac True Organics feather meal, 12-3-0	None	5.2
Colusa Co., Erdman Farm, Grimes	Wheat	11/10/11	Scribner silt loam	Tomatoes	120-125# N (NH3)	None	12.0
Fresno Co., UC Westside REC, Five Points	Wheat Durum Barley	12/6/11	Panoche Clay loam	Tomatoes	120# N (Urea) preplant Topdress: 50# N (urea) at tillering; 40# N (urea) at boot stage	Barley: Flood 3X (18" total) Wheat:Flood 4X (24" total)	3.1
Imperial Co., UC Desert REC, El Centro	Wheat Durum	12/19/11	Imperial-Glenbar silty clay loam	Alfalfa	Preplant: 100# N 310# N (anhydrous ammonia in 4 irrigations)	Flood 6X (48" total)	0.5
Kern Co., J.G. Boswell Co. Kern Lake	Wheat Durum	12/4/11	Millox Clay and Zalvidea Sandy loam	Cotton	Preplant: 400 lb/acre 5.5-26-31, 180# N (NH3); 177# N (NH3) between 4 irrigations	Flood: 4X (32" total)	5.0
Kings Co., Boyets Farms Corcoran	Wheat Durum	12/3/11	Armona Loam and Gepford Clay	Cotton	Preplant: 100# 11-52-0 and 100# N (urea) Topdress: 2X 50# N (urea, UN-32) with irrigation; 100# N (urea, UN-32) with last irrigation	Flood: 4X (28" total)	4.3
San Joaquin Co, Victoria Island Farms Sac-San Joaquin Delta (Stockton)	Wheat	12/9/11	Egbert muck	Tomatoes	150# 11-52-0 Preplant ; 100# Urea topdress	Furrow 2X (6" total)	6.5
San Luis Obispo Co., White Ranch Shandon	Barley	12/5/11	Pico-San Emigdio-Sorrento loamy sand to fine sand	Fallow	None	None	6.0
Tehama Co., Endres Ranch Corning	Barley	12/12/11	Maywood loam	Fallow	None	None	16.5
Tulare Co., Changala Farms Ducor	Wheat Barley	12/4/11	Centerville clay	Fallow	Topdress: 50# N (urea) at tillering; 40# N (urea) at boot stage	None	5.0
Yolo Co., UC Davis Agr. Farm Davis	Wheat Durum Barley RF Wheat	11/11/11	Yolo loam	Corn	60#N (urea) with 1% sulfur preplant Topdress (at tillering): 60#N (wheat), 50# N (barley) Topdress (at jointing): 50#N (wheat)	Wheat: Flood 2X (20" total) Barley: Flood 1X (10" total)	10.9
Yolo Co., Joe Perry Farm Clarksburg	Wheat Barley	11/9/11	Clay loam class 3	Safflower	120# (aqua) Preplant; 100# N (urea) topdress	Flood 1X (2" total)	6.6
<b>INTERMOUNTAIN:</b>							
Siskiyou Co., Bryan/Morris Ranch Fort Jones	Wheat Barley	4/18/12	Settlemyer loam	Orchard Grass/ Alfalfa	Preplant: 120 pounds of N from urea; Topdress: 36 lbs N from CAN 27 at flowering	Sprinkler 9X (10" total)	5.2
Siskiyou Co., Peters Ranch Montague	Winter Wheat	10/22/11	Clay loam	Fallow	140 lbs of N at planting	Flood 2X (14" total)	7.7
Lassen Co., Sierra-Cascade Nursery Susanville	Wheat Barley	4/19/12	Sandy loam	Strawberries	400# ammonium sulfate after germination	Sprinkler 7X (16" total)	2.8
Siskiyou Co., UC Intermountain REC, Tulelake	Winter Wheat	11/1/11	Tule basin mucky silty clay loam	Sudan grass	600 #/a 21-0-0	Sprinkler (17.5" total)	4.3
Siskiyou Co., UC Intermountain REC, Tulelake	Spring Barley Spring Wheat	4/17/12	Tule basin mucky silty clay loam	Sudan grass	450 #/a 21-0-0 600 #/a 21-0-0	Sprinkler: Barley 17.5" total Sprinkler: Wheat 17.5" total	2.1