

Table 1. SITE CHARACTERISTICS FOR UC REGIONAL CEREAL EVALUATION TESTS, 2014

LOCATION	TESTS	SOWING DATE	SOIL TYPE	2013 CROP	FERTILIZATION	IRRIGATION	RAIN year (in)
REGIONAL:							
Colusa Co., Erdman Farm, Grimes	Wheat	11/12/13	Scribner silt loam	Tomatoes	Preplant: 120# N (NH3)	2X Flood (12" total)	9.57"
Fresno Co., UC Westside REC, Five Points	Wheat Durum Barley	12/5/13	Panoche Clay loam	Cotton	50# N (Urea) preplant Topdress: 50# N (urea) at tillering (all); Topdress: 50# N (urea) at jointing (all); Topdress: 50# N (urea) at anthesis (wheat only)	Barley: Sprinkler 3X; Flood 2X (13" total) Wheat: Sprinkler 3X; Flood 3X (18" total)	1.9"
Imperial Co., UC Desert REC, El Centro	Wheat Durum	12/19/13	Imperial-Glenbar silty clay loam	Alfalfa	Preplant: 100# N 341# N (anhydrous ammonia in 4 irrigations)	Flood 6X (48" total)	0.01"
Kern Co., J.G. Boswell Co. Buena Vista Ranch Kern Lake	Wheat Durum	12/2/13	Copus Silty Clay	Cotton	Preplant: 400 lb/acre 5.5-26-31, 180# N (NH3); 177# N (NH3) between 4 irrigations	Flood: 4X (32" total)	1.44"
Kings Co., Boyets Farms Corcoran	Wheat Durum	11/19/13	Armona Loam and Gepford Clay	Cotton	Preplant: 100# 11-52-0 and 100# N (urea) Topdress: 1X 50#N at tillering Topdress: 3X 50# N (UN-32) with irrigation;	Flood: 4X (19" total)	2.55"
San Joaquin Co, Victoria Island Farms Sac-San Joaquin Delta (Stockton)	Wheat	12/6/13	Egbert muck	Tomatoes	200# 11-52-0 Preplant ; 100# Urea topdress	Sprinkler 1X; Flood 2X (22" total)	4.75"
Tehama Co., Endres Ranch Corning	Barley	11/25/13	Maywood loam	Fallow	Preplant: 70# N (Urea); 70# N 16-20-00 at planting	None	6.99"
Yolo Co., UC Davis Agr. Farm Davis	Wheat Durum Barley RF Wheat	12/9/13	Yolo loam	Corn	92#N (urea) with 1% sulfur preplant Topdress (at tillering): 60#N (wheat), 50# N (barley) Topdress (at jointing): 50#N (wheat) Topdress (at anthesis): 50#N (wheat)	Wheat: Flood 1X, Sprinkler 1X, (6" total) Barley: Sprinkler 1X (1" total)	7.42"
Yolo Co., Joe Perry Farm Clarksburg	Wheat Barley	11/24/13	Clay loam class 3-4	Safflower	120# (aqua) Preplant; 46# N (urea) topdress	Sprinkler 10 hours (2.5" total)	6.10"
INTERMOUNTAIN:							
Siskiyou Co., Peters Ranch Montague	Winter Wheat	10/30/13	Clay loam	Fallow	150 lbs of N (anhydrous ammonia)	Sprinkler 1X (2-3 inches total)	11.86"
Lassen Co., Fall River Mills MacArthur	Spring Barley Spring Wheat	4/16/14	Loamy Fine Sandy	Fallow	60#N (urea) at tillering	Sprinkler 5X (10" total)	3.80"
Siskiyou Co., UC Intermountain REC, Tulelake	Winter Wheat	10/29/13	Tule basin mucky silty clay loam	Sudan Grass	70#N/A Urea at planting; 80#N/A Urea at tillering	Sprinkler (15.65" total)	6.57"
Siskiyou Co., UC Intermountain REC, Tulelake	Spring Barley Spring Wheat	4/17/14	Tule basin mucky silty clay loam	Sudan Grass	110#N/A Urea at planting, 80#N/A UAN32 at tillering (wheat) 70#N/A Urea at planting (barley)	Sprinkler (17.7" total)	1.98"