

Table ii. 2016 Site Information

Site Name	Tests	Latitude	Longitude	Soil Type	Previous Crop	Planting Date	Fertilizer management	Irrigation	Rainfall (inches, 10/1/2015-6/30/2016)
Colusa	Common & Triticale	39.0413259	-121.866365	Scribner silt loam	vineseed	11/14/2015	120lb N (preplant as aqua)	1 furrow irrigation, early April	11.74
Davis	Common & Triticale; Durum	38.5365578	-121.781492	Yolo loam	corn	11/12/2015	192lb N (92#N @ plant; 50#N @ jointing; 50#N @ heading)	2 flood irrigations, 12" total	14.83
Davis RF	Common & Triticale; Barley	38.5365578	-121.781492	Yolo loam	corn	11/12/2015	142lb N (92#N @ plant; wheat: 50#N @ jointing)	none	14.83
Clarksburg	Common & Triticale; Barley	38.41523	-121.56833	Omni silty clay		12/1/2015	125lb N (preplant, aqua)		13.2
Delta	Common & Triticale	37.9017053	-121.505636	Egbert muck	tomato	11/23/2015	137lb N (150# 11-52-0 @ preplant; 120#N topdress early vegetative)	2 furrow irrigations, early/late spring	13.2
Fresno2	Common & Triticale; Durum	36.4082549	-120.075181	Posocharnet clay loam	tomato	11/30/2015	250lb N (100# N @ Planting; 100# N @ boot; 50#N @ heading)	Sprinkler @ plant; SDI @ boot, heading, anthesis (20.8" total)	7.53
Fresno	Common & Triticale; Durum; Barley	36.3398027	-120.119236	Panoche Clay loam	cotton	11/16/2015	200lb N (wheat); 100lb N (barley) (50#N preplant; water run 50#N @ tillering; wheat: + 50#N @ joint + 50#N @ boot)	Sprinklers early season (3.33"); wheat: 4 flood irrigations (13.4"); barley: 1 flood irrigation (4.3")	7.53
Tulare	Common & Triticale; Barley	35.8127432	-119.047062	Centerville clay	fallow	11/19/2015	50lb N (at tillering as urea)	none	6.37
Kern	Common & Triticale; Durum	35.3695756	-119.33322	Westhaven fine sandy loam	cotton	11/18/2015	160lb N (100#N preplat; 60#N as urea in vegetative stage)	3 flood irrigations, 18" total	5
Imperial	Common & Triticale; Durum	32.8109697	-115.443706	Imperial-Glenbar silty clay loam	sudangrass	11/18/2015	360lb N (90# N @ Planting; 90# N @ 3 wks; 95# N @ 12 wks; 85# N @15 wks)	5 flood irrigations, 32" total	0.88
Tehama	Barley	39.866257	-122.377068	Newville gravelly loam	fallow	11/30/2015	150lb N (70# N preplant as 16-20-0; 80#N @ jointing as amm.sulf.)	none	17
San Luis Obispo	Barley	35.6641642	-120.414689	Pico fine sandy loam	pasture	11/28/2016	40lb N (planting as 30-12-0-6)	none	7.65
Tulelake	Winter Wheat	41.9653179	-121.47354	Tulebasin mucky silty clay loam	sudangrass	10/30/2016	100lb N (50# N @ Planting as urea; 50# N at tillering as UAN32)	7 sprinkler irrigations, 11" total	10.1
Montague	Winter Wheat	41.786859	-122.441812	Montague clay	fallow	10/26/2015	140lb N (preplant as NH3)	2 flood irrigations, 14" total	15.1