

TABLE 1. SITE CHARACTERISTICS FOR UC REGIONAL CEREAL EVALUATION TESTS, 2000

| LOCATION | TESTS | SOWING DATE | SOIL TYPE | 1999 CROP | FERTILIZATION | IRRIGATION | RAIN (in) |
|---|--------------------------|--|--|-----------|--|---|-----------|
| Butte Co. Chico State University Farm Chico | Wheat Barley | 11/16/1999 | Vina loam | Safflower | 100# N as (NH ₄) ₂ SO ₄ preplant and 50# N as (NH ₄) ₂ SO ₄ topdress on 3/25 | Flood 1X 4" total | 25.5 |
| Colusa Co., Erdman Ranch Grimes | Wheat | 11/15/1999 | silt loam | Tomato | 130# N as aqua ammonia (preplant) | Furrow 1X 6" total | 15.95 |
| Imperial Co., UC Desert REC, El Centro | Wheat Durum | 12/16/1999 | Imperial clay | Sudan | 100# N and 60# P ₂ O ₅ preplant, 150# N topdress | Flood 5X @ 6"/irrigation | 0.12 |
| Kern Co., J.G. Boswell Co. Kern Lake Ranch | Wheat Durum | 12/02/1999 | clay loam | Cotton | 332# 37-13-0, 150# 11-15-0, and 152# NH ₃ preplant, 73# N as water-run NH ₃ on 2/9, 25# N as water-run NH ₃ on 3/30, and 18# N as water-run NH ₃ on 4/22 | Flood 3X 20.3" total | 5.34 |
| Kings Co., J.G. Boswell Co. Corcoran | Wheat Durum Barley | 12/07/1999 | heavy clay | Cotton | 100# 11-52-0 and 150# N as NH ₃ preplant, 45# N as urea (water-run) and 35# N as UN32 (10 gal water-run) topdress | Flood 3X 18" total | 4.22 |
| Madera Co., Dupont Research Facility Madera | Wheat Durum | 12/06/1999 | sandy loam | Wheat | 650# 16-16-16 preplant | Sprinkler (Pre/Post) 11X, 10" total | 10.71 |
| Madera Co., Triangle T Ranch Chowchilla | Barley | 12/06/1999 | Fresno & El Peco fine sandy loam | Cotton | 300# (NH ₄) ₂ SO ₄ and 1000# sulfur preplant 10 gal/acre UN32 topdress on 3/11/00 | Flood 3X 35.5" total | 9.54 |
| Modoc Co., UC Intermountain REC, Tulelake | Barley Wheat | 04/26/2000 | Tulebasin Mucky silty clay loam | Fallow | 200# 16-20-0 preplant (barley) 300# 16-20-0 preplant (wheat) | Sprinkler 3X (barley), 7" total 4X (wheat), 9" total | 10.43 |
| San Joaquin Co. - Sac/SJ Delta Victoria Island Farms Holt | Wheat | 12/03/1999 | Egbert muck | Corn | 300# 11-52-0 preplant, 69# N as urea topdress | Flood 1X 6" total | 16.36 |
| San Luis Obispo Co., White Ranch Shandon | Barley Wheat | 11/22/1999 | Metz-Tujung complex loamy sand to fine sand | Fallow | 130# 30-12-0-S-Fe-5Zn with seed | None | 8.5 |
| Siskiyou Co., Peters Ranch Montague | Wheat Barley | 10/25/1999 | clay loam | Alfalfa | 160# N as anhydrous ammonia preplant 80# 11-52-0 with seed | Flood 2X 14" total | 12.0 |
| Siskiyou Co., Prather Ranch Butte Valley (Macdoel) | Wheat Barley | 05/05/2000 | Powman loamy sand | Potato | 80# N as anhydrous ammonia preplant 40# N (liquid ammonium sulfate with herbicide) topdress | Sprinkler 2X/week 15" total | 10.0 |
| Sutter Co., Moroni Farm Meridian | Wheat | 11/12/1999 | Clear Lake clay | Tomato | 155# N (aqua) preplant | None | 21.86 |
| Tulare Co., Si Changala Ducor | Wheat Barley | 11/23/1999 | Ducor loam | Fallow | 40# N as UN-32 preplant, 34# N as UN-32 topdress | None | 9.26 |
| Yolo Co., UC Davis Agronomy Farm Davis | Wheat Durum Barley | 11/10/1999 11/10/1999 11/29/1999 | Yolo loam | Dry bean | 80# N as NH ₄ NO ₃ preplant (40# barley) 80# 16-20-0-13S with seed, 35# N as NH ₄ NO ₃ at jointing 35# N as NH ₄ NO ₃ at anthesis (wheat and durum only) | Flood 2X, 12" total (wheat and durum) Flood 1X (barley) | 17.8 |
| Yolo Co., Olagary Brothers Dunnigan | Wheat Barley | 11/15/1999 | Rincon silty clay loam | Fallow | 50# N (aqua ammonia) preplant, 80# 11-52-0 with seed | None | 19.21 |