Table 7. UC KEARNEY ALFALFA CULTIVAR TRIAL 2001 YIELDS. TRIAL PLANTED 9/16/99

Note: SINGLE YEAR DATA SHOULD NOT BE USED TO CHOOSE OR EVALUATE ALFALFA CULTIVARS.

| ENTRY | Cut 1 4/5 | Cut 2 5/8 | Cut 3 5/31 | Cut 4 6/27 | Cut 5 7/26 | Cut 6 8/22 | Cut 7 9/19 | Cut 8 10/25 | YEAR TOTAL | | % OF CUF 101 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Released Varieties** | | | | | Dry Tons/acre | | | | | | % |
| WL 625 HQ | 1.63 (16) | 1.93 (05) | 1.75 (04) | 1.83 (08) | 2.10 (07) | 1.84 (01) | 1.51 (02) | 1.47 (01) | 14.06 (03) | A B | 116.2 |
| Dura 843 | 1.62 (17) | 1.88 (13) | 1.78 (02) | 1.85 (06) | 2.16 (01) | 1.73 (07) | 1.37 (07) | 1.18 (28) | 13.59 (07) | A B C D E F | 112.3 |
| Mecca II | 1.62 (18) | 1.89 (11) | 1.72 (06) | 1.67 (25) | 2.02 (09) | 1.67 (12) | 1.38 (06) | 1.29 (14) | 13.26 (08) | A B C D E F G | 109.6 |
| DynaGro AL999 | 1.49 (37) | 1.77 (29) | 1.64 (16) | 1.83 (07) | 1.97 (13) | 1.68 (10) | 1.28 (15) | 1.30 (13) | 12.95 (12) | C D E F G H I | 107.1 |
| ADF 99-801 | 1.72 (05) | 1.87 (14) | 1.69 (10) | 1.55 (39) | 1.99 (11) | 1.60 (20) | 1.25 (18) | 1.04 (41) | 12.73 (16) | E F G H I J K | 105.2 |
| SW 9500 | 1.52 (34) | 1.74 (35) | 1.62 (21) | 1.71 (16) | 1.88 (21) | 1.61 (18) | 1.31 (12) | 1.32 (10) | 12.72 (17) | E F G H I J K | 105.1 |
| El Tigre Verde | 1.70 (09) | 1.99 (02) | 1.63 (18) | 1.65 (26) | 1.80 (34) | 1.49 (37) | 1.20 (31) | 1.17 (30) | 12.63 (21) | F G H I J K L | 104.4 |
| Magna 901 | 1.45 (41) | 1.74 (36) | 1.61 (22) | 1.62 (31) | 1.88 (19) | 1.64 (14) | 1.29 (14) | 1.31 (12) | 12.54 (23) | G H I J K L | 103.7 |
| Pershing | 1.65 (11) | 1.83 (20) | 1.60 (24) | 1.71 (17) | 1.80 (35) | 1.50 (36) | 1.18 (33) | 1.25 (18) | 12.52 (24) | G H I J K L | 103.5 |
| Yolo | 1.58 (25) | 1.90 (09) | 1.57 (27) | 1.59 (33) | 1.92 (14) | 1.58 (23) | 1.22 (28) | 1.13 (34) | 12.50 (25) | G H I J K L | 103.3 |
| WestStar | 1.72 (06) | 1.81 (24) | 1.52 (34) | 1.65 (27) | 1.81 (32) | 1.59 (21) | 1.23 (23) | 1.14 (33) | 12.47 (26) | G H I J K L | 103.1 |
| 57Q77 | 1.57 (27) | 1.82 (23) | 1.53 (33) | 1.78 (11) | 1.77 (37) | 1.56 (26) | 1.22 (29) | 1.19 (25) | 12.43 (27) | G H I J K L | 102.8 |
| Highline | 1.44 (43) | 1.43 (45) | 1.52 (35) | 1.70 (22) | 1.92 (16) | 1.67 (13) | 1.33 (11) | 1.36 (07) | 12.36 (30) | G H I J K L M | 102.1 |
| Magna 8 | 1.54 (31) | 1.76 (33) | 1.54 (32) | 1.70 (19) | 1.84 (25) | 1.54 (30) | 1.14 (35) | 1.22 (21) | 12.29 (31) | G H I J K L M | 101.6 |
| 58N57 | 1.52 (33) | 1.79 (26) | 1.64 (17) | 1.68 (24) | 1.68 (42) | 1.51 (33) | 1.11 (37) | 1.18 (29) | 12.10 (34) | H I J K L M N | 100.0 |
| CUF 101 | 1.47 (38) | 1.77 (28) | 1.49 (39) | 1.59 (34) | 1.84 (24) | 1.51 (35) | 1.23 (24) | 1.19 (24) | 12.10 (35) | H I J K L M N | 100.0 |
| Falcon | 1.64 (13) | 1.77 (30) | 1.52 (36) | 1.62 (30) | 1.80 (33) | 1.51 (34) | 1.11 (36) | 1.12 (35) | 12.09 (36) | H I J K L M N | 99.9 |
| Achiever | 1.76 (03) | 1.81 (25) | 1.42 (42) | 1.52 (43) | 1.83 (28) | 1.42 (40) | 1.09 (39) | 1.11 (36) | 11.96 (38) | I J K L M N | 98.9 |
| SW 9301 | 1.45 (40) | 1.69 (43) | 1.49 (38) | 1.57 (35) | 1.70 (41) | 1.56 (26) | 1.24 (20) | 1.19 (26) | 11.90 (40) | J K L M N | 98.4 |
| ADF 98-801 | 1.53 (32) | 1.87 (15) | 1.45 (41) | 1.53 (41) | 1.79 (36) | 1.47 (38) | 1.06 (42) | 0.96 (45) | 11.66 (42) | L M N | 96.4 |
| Tulare | 1.76 (04) | 1.62 (44) | 1.39 (43) | 1.43 (44) | 1.68 (43) | 1.40 (41) | 1.06 (43) | 1.07 (37) | 11.41 (43) | M N | 94.3 |
| Dura 765 | 1.56 (29) | 1.72 (41) | 1.37 (44) | 1.52 (42) | 1.67 (45) | 1.34 (44) | 1.01 (44) | 0.96 (44) | 11.14 (44) | N | 92.1 |
| Fiesta (8G519) | 1.70 (08) | 1.73 (39) | 1.31 (45) | 1.29 (45) | 1.67 (44) | 1.34 (44) | 0.99 (45) | 1.01 (43) | 11.05 (45) | | 91.4 |
| **Experimental Varieties** | | | | | | | | | | | |
| SW 8718 | 1.49 (36) | 2.04 (01) | 1.83 (01) | 1.99 (01) | 2.15 (02) | 1.76 (05) | 1.53 (01) | 1.40 (04) | 14.19 (01) | A | 117.3 |
| UC-2212 | 1.58 (24) | 1.98 (03) | 1.78 (03) | 1.95 (03) | 2.10 (06) | 1.78 (04) | 1.45 (04) | 1.46 (02) | 14.07 (02) | A B | 116.3 |
| 92-296 | 1.68 (10) | 1.93 (04) | 1.70 (08) | 1.88 (04) | 2.14 (04) | 1.81 (02) | 1.39 (05) | 1.39 (05) | 13.91 (04) | A B C | 115.0 |
| DS 991 | 1.50 (35) | 1.83 (21) | 1.72 (07) | 1.95 (02) | 2.12 (05) | 1.76 (05) | 1.47 (03) | 1.44 (03) | 13.79 (05) | A B C D | 113.9 |
| C 252 | 1.64 (14) | 1.93 (06) | 1.73 (05) | 1.87 (05) | 2.15 (03) | 1.63 (17) | 1.36 (08) | 1.37 (06) | 13.66 (06) | A B C D E | 112.9 |
| PGI 481 | 1.61 (19) | 1.78 (27) | 1.66 (15) | 1.79 (09) | 2.02 (10) | 1.72 (08) | 1.35 (09) | 1.33 (09) | 13.26 (09) | A B C D E F G | 109.6 |
| CW 68081 | 1.61 (20) | 1.89 (10) | 1.62 (20) | 1.60 (32) | 1.98 (12) | 1.78 (03) | 1.34 (10) | 1.34 (08) | 13.16 (10) | B C D E F G | 108.8 |
| CW 78101 | 1.60 (23) | 1.85 (17) | 1.68 (11) | 1.64 (28) | 2.04 (08) | 1.70 (09) | 1.29 (13) | 1.22 (23) | 13.02 (11) | C D E F G H | 107.6 |
| C 345 | 1.60 (22) | 1.92 (07) | 1.55 (29) | 1.70 (21) | 1.91 (17) | 1.64 (14) | 1.28 (16) | 1.22 (22) | 12.83 (13) | D E F G H I J | 106.0 |
| ZX9889B | 1.64 (15) | 1.88 (12) | 1.68 (12) | 1.77 (12) | 1.76 (38) | 1.61 (19) | 1.25 (19) | 1.24 (19) | 12.82 (14) | D E F G H I J | 106.0 |
| ZX9888 | 1.57 (28) | 1.92 (08) | 1.66 (14) | 1.76 (13) | 1.88 (20) | 1.56 (28) | 1.23 (25) | 1.19 (27) | 12.77 (15) | E F G H I J | 105.5 |
| FG 615 | 1.61 (21) | 1.85 (18) | 1.70 (09) | 1.74 (14) | 1.82 (31) | 1.57 (24) | 1.22 (27) | 1.16 (31) | 12.66 (18) | E F G H I J K L | 104.7 |
| UC-402 | 1.54 (30) | 1.74 (38) | 1.57 (28) | 1.79 (10) | 1.83 (27) | 1.63 (16) | 1.27 (17) | 1.27 (16) | 12.63 (19) | F G H I J K L | 104.4 |
| ZX9886 | 1.44 (42) | 1.84 (19) | 1.67 (13) | 1.64 (29) | 1.92 (15) | 1.68 (11) | 1.23 (26) | 1.22 (20) | 12.63 (20) | F G H I J K L | 104.4 |
| CW 68092 | 1.65 (12) | 1.86 (16) | 1.63 (19) | 1.56 (36) | 1.86 (23) | 1.56 (25) | 1.19 (32) | 1.25 (17) | 12.56 (22) | G H I J K L | 103.9 |
| SW 8829 | 1.43 (44) | 1.76 (32) | 1.60 (23) | 1.69 (23) | 1.84 (26) | 1.59 (22) | 1.23 (22) | 1.27 (15) | 12.41 (28) | G H I J K L M | 102.6 |
| ZL9889A | 1.81 (01) | 1.82 (22) | 1.54 (30) | 1.71 (18) | 1.87 (22) | 1.47 (39) | 1.07 (41) | 1.06 (39) | 12.36 (29) | G H I J K L M | 102.1 |
| UC-400 | 1.42 (45) | 1.71 (42) | 1.54 (31) | 1.70 (20) | 1.82 (30) | 1.52 (32) | 1.24 (21) | 1.31 (11) | 12.26 (32) | G H I J K L M | 101.4 |
| UC-401 | 1.47 (39) | 1.74 (37) | 1.59 (26) | 1.73 (15) | 1.83 (29) | 1.53 (31) | 1.21 (30) | 1.15 (32) | 12.26 (33) | G H I J K L M | 101.3 |
| CW 78100 | 1.57 (26) | 1.77 (31) | 1.59 (25) | 1.55 (40) | 1.90 (18) | 1.54 (29) | 1.09 (40) | 1.06 (38) | 12.07 (37) | H I J K L M N | 99.7 |
| FG 206 | 1.77 (02) | 1.75 (34) | 1.49 (40) | 1.56 (37) | 1.75 (39) | 1.38 (43) | 1.18 (34) | 1.05 (40) | 11.92 (39) | J K L M N | 98.5 |
| SW 8730 | 1.70 (07) | 1.72 (40) | 1.50 (37) | 1.55 (38) | 1.72 (40) | 1.39 (42) | 1.09 (38) | 1.04 (42) | 11.72 (41) | K L M N | 96.9 |
| MEAN | 1.59 | 1.82 | 1.60 | 1.68 | 1.89 | 1.59 | 1.24 | 1.21 | 12.61 | | |
| CV | 9.1 | 8.8 | 7.7 | 11.2 | 8.6 | 7.3 | 8.1 | 12.3 | 5.7 | | |
| LSD (.05) | 0.20 | 0.22 | 0.17 | 0.26 | 0.23 | 0.16 | 0.14 | 0.21 | 1.01 | | |

Trial seeded at 25 lb/acre viable seed on Hanford fine sandy loam soil at the Univ. of Calif. Kearney Agricultural Center, Parlier, CA.
Entries followed by the same letter are not significantly different at the 5% probability level according to Fishers (protected) LSD.
NOTE: Stand ratings taken September shown excellent stands (ratings from 6.5-8.5), and no correlation with yield)