Table 7. 2005 YIELDS, UC KEARNEY ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 5/12/03
Note: Single year data should not be used to evaluate alfalfa varieties or choose alfalfa cultivars

| | | Cut 1 4/14 | Cut 2 5/19 | Cut 3 6/15 | Cut 4 7/13 | Cut 5 8/10 | Cut 6 9/2 | Cut 7 10/6 | Cut 8 11/3 | YEAR TOTAL | | % OF CUF101 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FD | Dry t/ac | | | | | | | | | | % |
| **Released Varieties** | | | | | | | | | | | | |
| WL625HQ | 9 | 1.0 ( 6) | 1.7 (16) | 1.8 ( 4) | 1.8 ( 3) | 1.6 ( 4) | 1.6 ( 1) | 1.5 ( 1) | 1.2 ( 2) | 12.3 ( 1) | A | 138.7 |
| Sequoia | 9 | 1.0 ( 2) | 1.7 (14) | 1.8 ( 3) | 1.8 ( 5) | 1.7 ( 1) | 1.5 ( 5) | 1.5 ( 3) | 1.1 ( 6) | 12.1 ( 3) | A B C | 136.4 |
| AL999 | 9 | 1.0 (17) | 1.7 (13) | 1.8 ( 1) | 1.9 ( 2) | 1.6 ( 5) | 1.6 ( 3) | 1.3 (13) | 1.1 ( 7) | 11.9 ( 5) | A B C D | 134.5 |
| Catalina(SW9217) | 9 | 1.0 (15) | 1.8 (11) | 1.8 ( 7) | 1.8 ( 4) | 1.7 ( 2) | 1.3 (24) | 1.4 ( 5) | 1.1 ( 5) | 11.8 ( 6) | A B C D E | 132.5 |
| Magna995(DS995) | 9 | 1.0 ( 4) | 1.8 (10) | 1.8 ( 6) | 1.6 (16) | 1.5 ( 8) | 1.5 ( 8) | 1.3 (18) | 1.1 ( 3) | 11.5 ( 7) | A B C D E F | 129.6 |
| CW1010(CW89064) | 10 | 1.0 (11) | 1.7 (30) | 1.7 (10) | 1.7 ( 8) | 1.5 ( 9) | 1.5 ( 6) | 1.3 (17) | 1.1 ( 8) | 11.4 ( 9) | B C D E F G H | 128.3 |
| Dura843 | 8 | 1.1 ( 1) | 1.7 (19) | 1.7 (17) | 1.6 (12) | 1.5 ( 7) | 1.4 (10) | 1.3 (15) | 1.0 (10) | 11.3 (10) | C D E F G H | 127.7 |
| MeccaIII | 9 | 1.0 ( 7) | 1.7 (22) | 1.7 (12) | 1.6 (13) | 1.5 (12) | 1.4 (14) | 1.3 (10) | 1.1 ( 4) | 11.3 (12) | C D E F G H | 127.7 |
| Magna901 | 9 | 1.0 (12) | 1.8 ( 9) | 1.7 (16) | 1.7 (10) | 1.5 (10) | 1.4 (12) | 1.3 (14) | 0.9 (21) | 11.2 (13) | D E F G H I | 125.7 |
| WL530HQ | 8 | 1.0 (20) | 1.9 ( 1) | 1.6 (21) | 1.5 (29) | 1.4 (26) | 1.3 (26) | 1.4 ( 6) | 0.9 (18) | 10.9 (14) | E F G H I J | 123.0 |
| 58N57 | 8 | 0.9 (23) | 1.7 (23) | 1.6 (20) | 1.6 (20) | 1.4 (22) | 1.2 (31) | 1.4 ( 8) | 1.0 (15) | 10.8 (17) | F G H I J K L M | 121.5 |
| Magna801fq | 8 | 0.9 (22) | 1.7 (32) | 1.7 (14) | 1.6 (14) | 1.5 (14) | 1.3 (17) | 1.1 (30) | 1.0 (16) | 10.8 (18) | F G H I J K L M | 121.4 |
| Westan | 8 | 0.9 (21) | 1.8 ( 5) | 1.7 (11) | 1.5 (24) | 1.4 (17) | 1.3 (18) | 1.2 (27) | 0.8 (29) | 10.7 (19) | F G H I J K L M | 120.8 |
| CW801(CW58073) | 8 | 1.0 (14) | 1.8 ( 4) | 1.7 (15) | 1.5 (30) | 1.3 (29) | 1.4 (16) | 1.2 (28) | 0.9 (23) | 10.7 (20) | F G H I J K L M N | 120.6 |
| Magna788(DS788) | 8 | 1.0 ( 8) | 1.7 (17) | 1.6 (22) | 1.5 (23) | 1.4 (18) | 1.2 (30) | 1.2 (24) | 0.9 (19) | 10.6 (22) | F G H I J K L M N | 119.7 |
| Pershing | 8 | 0.9 (25) | 1.6 (35) | 1.6 (25) | 1.5 (25) | 1.3 (28) | 1.4 (11) | 1.4 ( 9) | 0.9 (26) | 10.6 (23) | G H I J K L M N O | 119.2 |
| CW907 | 9 | 0.9 (24) | 1.7 (21) | 1.7 (18) | 1.7 ( 9) | 1.4 (25) | 1.3 (23) | 1.1 (32) | 0.8 (28) | 10.5 (24) | H I J K L M N O | 118.6 |
| Westar | 8 | 1.0 (19) | 1.7 (31) | 1.6 (27) | 1.5 (21) | 1.4 (19) | 1.3 (19) | 1.2 (26) | 0.8 (32) | 10.4 (25) | I J K L M N O | 117.4 |
| CW704 | 7 | 0.9 (28) | 1.7 (15) | 1.6 (28) | 1.5 (27) | 1.3 (31) | 1.2 (32) | 1.2 (25) | 0.9 (27) | 10.3 (27) | I J K L M N O P | 116.0 |
| C-241 | 5 | 0.9 (33) | 1.8 ( 6) | 1.6 (31) | 1.4 (35) | 1.3 (33) | 1.2 (36) | 1.3 (11) | 0.8 (31) | 10.2 (28) | J K L M N O P | 115.2 |
| 59N49 | 9 | 0.8 (35) | 1.6 (38) | 1.5 (32) | 1.6 (19) | 1.5 (15) | 1.2 (33) | 1.2 (23) | 0.9 (24) | 10.2 (29) | J K L M N O P | 115.2 |
| Salado | 9 | 0.9 (30) | 1.7 (27) | 1.6 (23) | 1.5 (26) | 1.3 (30) | 1.3 (25) | 1.0 (37) | 0.8 (34) | 10.1 (30) | J K L M N O P | 113.9 |
| SW100(SW101) | 10 | 0.8 (36) | 1.6 (34) | 1.5 (33) | 1.5 (32) | 1.3 (32) | 1.3 (20) | 1.0 (35) | 1.0 (17) | 10.0 (33) | L M N O P | 112.7 |
| DelRio | 6 | 0.9 (31) | 1.8 (12) | 1.6 (30) | 1.4 (33) | 1.3 (34) | 1.2 (35) | 1.1 (33) | 0.7 (37) | 9.9 (35) | M N O P | 111.7 |
| Dura765 | 7 | 0.9 (29) | 1.7 (24) | 1.5 (38) | 1.3 (37) | 1.3 (35) | 1.2 (37) | 1.2 (22) | 0.8 (35) | 9.8 (36) | N O P | 110.6 |
| ArtesiaSunrise | 7 | 0.9 (27) | 1.7 (20) | 1.5 (35) | 1.3 (38) | 1.2 (36) | 1.1 (39) | 1.2 (19) | 0.7 (38) | 9.7 (37) | O P Q | 109.3 |
| FG03-01 | 8 | 0.8 (37) | 1.6 (36) | 1.5 (37) | 1.4 (34) | 1.2 (39) | 1.2 (34) | 1.1 (34) | 0.8 (30) | 9.5 (38) | P Q | 107.4 |
| CUF101 | 9 | 0.8 (38) | 1.5 (39) | 1.3 (39) | 1.3 (39) | 1.2 (37) | 1.2 (38) | 0.9 (39) | 0.7 (39) | 8.9 (39) | Q | 100.0 |
| WL325HQ | 3 | 0.6 (40) | 1.6 (33) | 1.3 (40) | 1.1 (40) | 1.1 (40) | 1.1 (40) | 0.8 (40) | 0.4 (40) | 7.9 (40) | R | 89.1 |
| **Experimental Varieties** | | | | | | | | | | | | |
| SW9218 | 9 | 1.0 (10) | 1.8 ( 3) | 1.8 ( 2) | 1.9 ( 1) | 1.7 ( 3) | 1.6 ( 4) | 1.5 ( 4) | 1.1 ( 9) | 12.2 ( 2) | A B | 137.9 |
| SW9215 | 9 | 1.0 ( 3) | 1.7 (26) | 1.8 ( 8) | 1.7 ( 7) | 1.5 (11) | 1.6 ( 2) | 1.5 ( 2) | 1.2 ( 1) | 12.0 ( 4) | A B C D | 134.6 |
| CW09052 | 9 | 1.0 ( 5) | 1.8 ( 8) | 1.8 ( 5) | 1.7 ( 6) | 1.6 ( 6) | 1.4 ( 9) | 1.3 (12) | 0.9 (22) | 11.4 ( 8) | A B C D E F G | 128.8 |
| 00I11PN1 | 8 | 1.0 ( 9) | 1.8 ( 7) | 1.7 ( 9) | 1.7 (11) | 1.4 (16) | 1.5 ( 7) | 1.3 (16) | 1.0 (13) | 11.3 (11) | C D E F G H | 127.7 |
| UC445 | 9 | 0.9 (32) | 1.7 (28) | 1.6 (24) | 1.6 (15) | 1.4 (21) | 1.4 (15) | 1.4 ( 7) | 1.0 (12) | 10.9 (15) | E F G H I J K | 122.8 |
| DS8181 | 8 | 1.0 (16) | 1.7 (18) | 1.7 (13) | 1.6 (17) | 1.4 (20) | 1.4 (13) | 1.2 (20) | 0.9 (20) | 10.8 (16) | F G H I J K L | 122.2 |
| 00I10PN1 | 9 | 1.0 (18) | 1.6 (37) | 1.6 (26) | 1.5 (22) | 1.5 (13) | 1.3 (27) | 1.2 (21) | 1.0 (11) | 10.6 (21) | F G H I J K L M N | 119.9 |
| DS288 | 8 | 1.0 (13) | 1.7 (25) | 1.6 (19) | 1.5 (28) | 1.4 (24) | 1.3 (22) | 1.1 (29) | 0.8 (33) | 10.4 (26) | I J K L M N O P | 117.2 |
| Y56582 | 6 | 0.9 (26) | 1.9 ( 2) | 1.6 (29) | 1.4 (36) | 1.2 (38) | 1.3 (29) | 1.0 (36) | 0.8 (36) | 10.0 (31) | K L M N O P | 112.9 |
| UC450 | 9 | 0.8 (39) | 1.4 (40) | 1.5 (36) | 1.6 (18) | 1.3 (27) | 1.3 (21) | 1.1 (31) | 1.0 (14) | 10.0 (32) | L M N O P | 112.8 |
| Y57Q75 | 7 | 0.8 (34) | 1.7 (29) | 1.5 (34) | 1.5 (31) | 1.4 (23) | 1.3 (28) | 1.0 (38) | 0.9 (25) | 10.0 (34) | L M N O P | 112.6 |
| MEAN | | 0.92 | 1.71 | 1.63 | 1.55 | 1.41 | 1.33 | 1.22 | 0.92 | 10.68 | | |
| CV | | 8.8 | 9.7 | 5.6 | 9.4 | 8.9 | 13.5 | 15 | 17.6 | 5.9 | | |
| LSD (.05) | | 0.11 | NS | 0.13 | 0.2 | 0.17 | 0.25 | 0.26 | 0.23 | 0.89 | | |

Trial seeded at 25 lb/acre viable seed on Hanford fine sandy loam soil at the Univ. of California Kearney Agricultural Center, Parlier, CA.

Entries followed by the same letter are not significantly different at 5% probability level according to Fishers (protected) LSD.

FD = Fall Dormancy reported by seed companies.