

Table 10. UC IMPERIAL ALFALFA CULTIVAR TRIAL 2002 YIELDS. TRIAL PLANTED 10/11/00

Note: Do not use single-year data to choose alfalfa varieties or to evaluate alfalfa cultivars.

| ENTRY | Cut 1 | Cut 2 | Cut 3 | Cut 4 | Cut 5 | Cut 6 | Cut 7 | Cut 8 | Cut 9 | YEAR | % OF CUF 101 |
|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------------|--------------|
| | 1/19/02 | 3/21/02 | 4/29/02 | 6/6/02 | 7/5/02 | 7/31/02 | 9/5/02 | 10/4/02 | 11/14/02 | TOTAL | |
| -----Dry tons/acre----- | | | | | | | | | | | |
| Released Varieties | | | | | | | | | | | |
| SW100 (SW101) | 0.77 (5) | 1.40 (11) | 1.68 (1) | 1.97 (1) | 1.27 (2) | 0.59 (6) | 0.62 (7) | 0.68 (6) | 0.73 (5) | 9.73 (1) A | 108.0 |
| UC Cibola | 0.72 (16) | 1.37 (17) | 1.59 (7) | 1.86 (4) | 1.29 (1) | 0.64 (2) | 0.65 (3) | 0.75 (1) | 0.75 (1) | 9.63 (2) A B | 106.9 |
| 59N49 (Y59N49) | 0.72 (18) | 1.33 (21) | 1.49 (18) | 1.84 (9) | 1.11 (18) | 0.59 (7) | 0.63 (5) | 0.64 (9) | 0.68 (11) | 9.05 (10) A B C D E F | 100.4 |
| CUF 101 | 0.74 (13) | 1.45 (4) | 1.60 (6) | 1.74 (21) | 1.13 (16) | 0.56 (12) | 0.61 (8) | 0.57 (27) | 0.61 (26) | 9.01 (12) A B C D E F G | 100.0 |
| WL 711 WF | 0.73 (14) | 1.43 (6) | 1.61 (5) | 1.86 (5) | 1.02 (30) | 0.53 (18) | 0.50 (33) | 0.58 (24) | 0.66 (15) | 8.91 (14) A B C D E F G H | 98.9 |
| Mecca III | 0.65 (29) | 1.34 (20) | 1.51 (13) | 1.73 (26) | 1.22 (7) | 0.59 (9) | 0.64 (4) | 0.62 (11) | 0.61 (25) | 8.90 (15) A B C D E F G H | 98.8 |
| Highline | 0.77 (6) | 1.42 (7) | 1.61 (4) | 1.73 (24) | 1.00 (33) | 0.53 (17) | 0.51 (30) | 0.56 (29) | 0.64 (17) | 8.77 (16) A B C D E F G H I | 97.3 |
| UC Impalo WF | 0.84 (1) | 1.37 (15) | 1.40 (36) | 1.75 (19) | 1.02 (31) | 0.44 (38) | 0.56 (16) | 0.62 (13) | 0.63 (21) | 8.64 (21) B C D E F G H I | 95.9 |
| 58N57 | 0.57 (41) | 1.12 (42) | 1.54 (11) | 1.82 (10) | 1.23 (5) | 0.59 (8) | 0.55 (19) | 0.62 (12) | 0.57 (36) | 8.61 (22) B C D E F G H I | 95.5 |
| SW9720 | 0.61 (38) | 1.32 (24) | 1.44 (30) | 1.81 (12) | 1.13 (15) | 0.52 (23) | 0.54 (22) | 0.55 (33) | 0.63 (18) | 8.54 (23) C D E F G H I J | 94.8 |
| Magna 901 | 0.61 (37) | 1.24 (33) | 1.51 (15) | 1.81 (11) | 1.03 (28) | 0.52 (21) | 0.58 (13) | 0.57 (25) | 0.62 (22) | 8.48 (26) C D E F G H I J | 94.2 |
| Ei Tigre Verde | 0.61 (35) | 1.18 (37) | 1.41 (33) | 1.66 (34) | 1.02 (32) | 0.47 (34) | 0.50 (31) | 0.57 (26) | 0.58 (33) | 8.02 (34) F G H I J K | 89.0 |
| WL625HQ | 0.61 (36) | 1.25 (32) | 1.45 (27) | 1.63 (38) | 1.03 (29) | 0.50 (27) | 0.48 (37) | 0.50 (41) | 0.56 (37) | 8.00 (35) G H I J K | 88.8 |
| Prestige | 0.54 (43) | 1.17 (39) | 1.40 (35) | 1.69 (31) | 1.06 (22) | 0.43 (42) | 0.48 (36) | 0.51 (40) | 0.54 (41) | 7.82 (40) I J K | 86.8 |
| Pershing | 0.52 (44) | 1.25 (31) | 1.43 (31) | 1.67 (33) | 0.97 (36) | 0.45 (37) | 0.45 (40) | 0.49 (42) | 0.54 (40) | 7.77 (41) I J K | 86.3 |
| WL 525 HQ | 0.60 (40) | 1.08 (43) | 1.38 (38) | 1.60 (39) | 0.98 (34) | 0.43 (40) | 0.45 (41) | 0.53 (37) | 0.51 (42) | 7.57 (42) J K | 84.0 |
| Salado | 0.56 (42) | 1.12 (41) | 1.34 (43) | 1.60 (41) | 0.93 (39) | 0.42 (43) | 0.41 (43) | 0.48 (43) | 0.49 (44) | 7.34 (44) K | 81.5 |
| Released Varieties | | | | | | | | | | | |
| DS995 | 0.68 (26) | 1.50 (2) | 1.45 (26) | 1.85 (6) | 1.26 (3) | 0.63 (3) | 0.65 (2) | 0.67 (7) | 0.73 (4) | 9.43 (3) A B C | 104.6 |
| CW89061 | 0.75 (10) | 1.42 (9) | 1.61 (3) | 1.85 (7) | 1.13 (14) | 0.58 (10) | 0.62 (6) | 0.71 (3) | 0.73 (3) | 9.41 (4) A B C D | 104.4 |
| SW1028 | 0.75 (8) | 1.37 (16) | 1.48 (23) | 1.71 (27) | 1.19 (12) | 0.76 (1) | 0.61 (10) | 0.70 (5) | 0.73 (7) | 9.30 (5) A B C D | 103.2 |
| ZS9995 | 0.75 (9) | 1.47 (3) | 1.66 (2) | 1.97 (2) | 1.12 (17) | 0.55 (14) | 0.54 (21) | 0.56 (30) | 0.63 (20) | 9.25 (6) A B C D | 102.7 |
| SW9022 | 0.72 (19) | 1.29 (28) | 1.42 (32) | 1.75 (18) | 1.22 (8) | 0.63 (4) | 0.66 (1) | 0.73 (2) | 0.74 (2) | 9.15 (7) A B C D E | 101.5 |
| UC-412 | 0.78 (3) | 1.40 (12) | 1.47 (24) | 1.70 (29) | 1.26 (4) | 0.55 (13) | 0.60 (11) | 0.63 (10) | 0.73 (6) | 9.12 (8) A B C D E | 101.3 |
| IVS9002 | 0.74 (12) | 1.42 (8) | 1.56 (9) | 1.92 (3) | 1.05 (24) | 0.49 (29) | 0.61 (9) | 0.56 (28) | 0.72 (8) | 9.08 (9) A B C D E | 100.8 |
| UC-409 | 0.80 (2) | 1.41 (10) | 1.51 (14) | 1.85 (8) | 0.88 (43) | 0.57 (11) | 0.59 (12) | 0.70 (4) | 0.71 (9) | 9.01 (11) A B C D E F G | 100.0 |
| ZS0001 | 0.70 (21) | 1.43 (5) | 1.47 (25) | 1.81 (13) | 1.16 (13) | 0.61 (5) | 0.56 (15) | 0.59 (20) | 0.61 (27) | 8.93 (13) A B C D E F G H | 99.1 |
| FGI9710 | 0.78 (4) | 1.53 (1) | 1.54 (12) | 1.74 (22) | 0.94 (38) | 0.48 (32) | 0.55 (18) | 0.54 (35) | 0.67 (14) | 8.76 (17) A B C D E F G H I | 97.2 |
| UC-411 | 0.76 (7) | 1.31 (26) | 1.50 (17) | 1.70 (28) | 1.03 (26) | 0.54 (16) | 0.56 (14) | 0.65 (8) | 0.70 (10) | 8.76 (18) A B C D E F G H I | 97.2 |
| CW89064 | 0.68 (25) | 1.27 (29) | 1.49 (19) | 1.81 (14) | 1.21 (9) | 0.51 (24) | 0.55 (17) | 0.58 (22) | 0.65 (16) | 8.75 (19) A B C D E F G H I | 97.2 |
| CW89068 | 0.67 (27) | 1.39 (14) | 1.56 (8) | 1.76 (16) | 1.06 (23) | 0.51 (25) | 0.53 (27) | 0.62 (14) | 0.61 (24) | 8.71 (20) A B C D E F G H I | 96.7 |
| CW79115 | 0.69 (24) | 1.31 (25) | 1.44 (29) | 1.69 (30) | 1.20 (10) | 0.47 (33) | 0.53 (28) | 0.58 (23) | 0.61 (29) | 8.53 (24) C D E F G H I J | 94.7 |
| UC-414 | 0.69 (23) | 1.27 (30) | 1.49 (20) | 1.67 (32) | 1.08 (21) | 0.52 (20) | 0.50 (32) | 0.59 (19) | 0.68 (12) | 8.49 (25) C D E F G H I J | 94.3 |
| FGI9709 | 0.63 (34) | 1.20 (36) | 1.39 (37) | 1.73 (25) | 1.23 (6) | 0.52 (22) | 0.54 (24) | 0.59 (17) | 0.63 (19) | 8.45 (27) C D E F G H I J | 93.8 |
| FGI9609 | 0.70 (22) | 1.31 (27) | 1.50 (16) | 1.76 (17) | 1.04 (25) | 0.44 (39) | 0.51 (29) | 0.59 (21) | 0.58 (34) | 8.41 (28) C D E F G H I J | 93.4 |
| CW78118 | 0.64 (30) | 1.32 (23) | 1.45 (28) | 1.77 (15) | 1.03 (27) | 0.49 (28) | 0.53 (26) | 0.55 (32) | 0.61 (28) | 8.41 (29) C D E F G H I J | 93.3 |
| IVM2000 | 0.74 (11) | 1.39 (13) | 1.54 (10) | 1.73 (23) | 0.96 (37) | 0.45 (36) | 0.46 (39) | 0.54 (34) | 0.56 (38) | 8.38 (30) D E F G H I J | 93.0 |
| DS991BR | 0.73 (15) | 1.18 (38) | 1.36 (41) | 1.74 (20) | 1.10 (20) | 0.53 (19) | 0.54 (23) | 0.59 (18) | 0.60 (30) | 8.38 (31) D E F G H I J K | 93.0 |
| UC-410 | 0.71 (20) | 1.35 (18) | 1.37 (40) | 1.55 (44) | 0.90 (40) | 0.49 (30) | 0.53 (25) | 0.60 (15) | 0.67 (13) | 8.17 (32) E F G H I J K | 90.7 |
| SW9031 | 0.67 (28) | 1.21 (35) | 1.35 (42) | 1.65 (36) | 1.10 (19) | 0.51 (26) | 0.48 (35) | 0.60 (16) | 0.59 (31) | 8.17 (33) E F G H I J K | 90.7 |
| DS994 | 0.64 (32) | 1.04 (44) | 1.38 (39) | 1.63 (37) | 0.98 (35) | 0.54 (15) | 0.55 (20) | 0.56 (31) | 0.62 (23) | 7.94 (36) H I J K | 88.1 |
| ZS0000 | 0.64 (31) | 1.16 (40) | 1.34 (44) | 1.58 (42) | 1.20 (11) | 0.49 (31) | 0.45 (42) | 0.53 (36) | 0.55 (39) | 7.93 (37) H I J K | 88.0 |
| UC-413 | 0.72 (17) | 1.33 (22) | 1.41 (34) | 1.60 (40) | 0.82 (44) | 0.46 (35) | 0.49 (34) | 0.52 (38) | 0.58 (35) | 7.93 (38) H I J K | 88.0 |
| CW79094 | 0.61 (39) | 1.35 (19) | 1.49 (21) | 1.57 (43) | 0.89 (41) | 0.43 (41) | 0.47 (38) | 0.52 (39) | 0.59 (32) | 7.92 (39) H I J K | 87.9 |
| ZS9992 | 0.63 (33) | 1.22 (34) | 1.49 (22) | 1.66 (35) | 0.89 (42) | 0.35 (44) | 0.36 (44) | 0.46 (44) | 0.50 (43) | 7.55 (43) J K | 83.8 |
| MEAN | 0.69 | 1.31 | 1.48 | 1.74 | 1.08 | 0.52 | 0.54 | 0.59 | 0.63 | 8.57 | |
| CV | 10.3 | 10 | 8.1 | 8.1 | 18.6 | 22.2 | 19 | 15.9 | 11.8 | 8.6 | |
| LSD (.05) | 0.1 | 0.18 | 0.17 | 0.2 | NS | 0.16 | 0.14 | 0.13 | 0.1 | 1.03 | |

Trial planted at 25 lb/acre viable seed on Imperial clay loam soil at the UC Desert Research and Extension Center, Holtville, CA.

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