

**2020-2021 YIELDS, UC Davis ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 10/4/2019**

|                  |    | 2020        | 2021       | Average     |           | % of   |
|------------------|----|-------------|------------|-------------|-----------|--------|
|                  | FD | Yield       | Yield      | Dry t/a     |           | CUF101 |
| CUF101           | 9  | 12.59 ( 1)  | 10.63 ( 4) | 11.61 ( 1)  | A         | 100.0  |
| Ameristand 901TS | 9  | 12.20 ( 5)  | 10.94 ( 2) | 11.57 ( 2)  | A         | 99.7   |
| WL656HQ          | 9  | 11.85 ( 6)  | 11.01 ( 1) | 11.43 ( 3)  | A         | 98.5   |
| UC Impalo        | 9  | 12.26 ( 4)  | 10.48 ( 5) | 11.37 ( 4)  | A         | 97.9   |
| SW9215           | 9  | 12.32 ( 3)  | 10.41 ( 6) | 11.37 ( 5)  | A         | 97.9   |
| SW9813           | 9  | 11.56 ( 13) | 10.77 ( 3) | 11.16 ( 6)  | A B       | 96.2   |
| 59N59            | 9  | 11.83 ( 7)  | 10.38 ( 7) | 11.11 ( 7)  | A B C     | 95.7   |
| SuperNova        | 9  | 11.74 ( 9)  | 9.87 ( 10) | 10.80 ( 8)  | A B C D   | 93.1   |
| PGI 908-S        | 9  | 12.35 ( 2)  | 9.07 ( 17) | 10.71 ( 9)  | A B C D   | 92.3   |
| SW8421-S         | 8  | 11.40 ( 16) | 9.99 ( 9)  | 10.69 ( 10) | A B C D   | 92.1   |
| SW6330           | 6  | 11.66 ( 10) | 9.43 ( 13) | 10.54 ( 11) | A B C D E | 90.8   |
| Saltana          | 9  | 11.21 ( 17) | 9.82 ( 11) | 10.52 ( 12) | A B C D E | 90.6   |
| SW9812           | 9  | 10.74 ( 23) | 10.25 ( 8) | 10.49 ( 13) | A B C D E | 90.4   |
| UC Highline      | 9  | 11.79 ( 8)  | 9.10 ( 15) | 10.45 ( 14) | A B C D E | 90.0   |
| Ameristand 803T  | 8  | 11.46 ( 14) | 9.31 ( 14) | 10.38 ( 15) | A B C D E | 89.5   |
| DS1168           | 6  | 11.64 ( 11) | 9.09 ( 16) | 10.37 ( 16) | A B C D E | 89.3   |
| Catalina         | 9  | 11.12 ( 19) | 9.60 ( 12) | 10.36 ( 17) | A B C D E | 89.3   |
| 6906N            | 9  | 11.44 ( 15) | 9.03 ( 18) | 10.24 ( 18) | A B C D E | 88.2   |
| 57Q53            | 7  | 11.60 ( 12) | 8.69 ( 19) | 10.14 ( 19) | A B C D E | 87.4   |
| SuperSonic       | 9  | 11.18 ( 18) | 8.27 ( 24) | 9.73 ( 20)  | B C D E F | 83.8   |
| Hi-Gest 660      | 6  | 10.89 ( 21) | 8.45 ( 21) | 9.67 ( 21)  | B C D E F | 83.3   |
| Magna 715        | 7  | 11.05 ( 20) | 8.22 ( 25) | 9.64 ( 22)  | B C D E F | 83.0   |
| AFXH155203       | 6  | 10.82 ( 22) | 8.34 ( 23) | 9.58 ( 23)  | C D E F   | 82.6   |
| Ameristand 618NT | 5  | 10.61 ( 24) | 8.49 ( 20) | 9.55 ( 24)  | D E F     | 82.3   |
| Bulldog 805      | 8  | 10.33 ( 25) | 8.35 ( 22) | 9.34 ( 25)  | D E F     | 80.5   |
| SW7410           | 7  | 10.31 ( 26) | 7.77 ( 26) | 9.04 ( 26)  | E F G     | 77.9   |
| Ameristand 518NT | 7  | 10.12 ( 27) | 6.92 ( 27) | 8.52 ( 27)  | F G       | 73.4   |
| CW 704           | 7  | 9.57 ( 28)  | 5.93 ( 28) | 7.75 ( 28)  | G         | 66.8   |
| MEAN             |    | 11.34       | 9.24       | 10.29       |           |        |
| CV               |    | 10.60       | 16.61      | 12.32       |           |        |
| LSD (0.1)        |    | 1.45        | 1.85       | 1.53        |           |        |

Trial seeded at 25 lb/acre viable seed on Yolo clay loam soil at Univ.of California Agronomy Farm, Davis CA.

Entries followed by the same letter are not significantly different at the 10% probability level according to Fisher's (protected) LSD.

FD = Fall Dormancy reported by seed companies.