

## 1999 Freeport Alfalfa Variety Trial

| Brand-Variety  | 2000   |        |        |        |        | Relative     |
|----------------|--------|--------|--------|--------|--------|--------------|
|                | 5-22   | 6-22   | 7-24   | 8-28   | Total  | Yield        |
| * Experimental | T DM/A | T DM/A | T DM/A | T DM/A | T DM/A | % Trial Mean |
| C 207*         | 3.03   | 1.70   | 1.64   | 1.26   | 7.63   | 110          |
| W 330*         | 2.97   | 1.63   | 1.66   | 1.30   | 7.56   | 109          |
| W 311*         | 2.92   | 1.64   | 1.73   | 1.24   | 7.52   | 108          |
| 54V45*         | 2.83   | 1.66   | 1.73   | 1.28   | 7.49   | 108          |
| FQ 315         | 2.90   | 1.64   | 1.63   | 1.26   | 7.43   | 107          |
| WINTER GOLD    | 2.89   | 1.62   | 1.57   | 1.33   | 7.40   | 106          |
| DK 140         | 2.84   | 1.59   | 1.70   | 1.24   | 7.38   | 106          |
| ROCKET*        | 2.85   | 1.62   | 1.63   | 1.24   | 7.34   | 106          |
| 6410           | 2.84   | 1.57   | 1.68   | 1.24   | 7.34   | 105          |
| W 304*         | 2.99   | 1.52   | 1.58   | 1.25   | 7.33   | 105          |
| AWESOME        | 2.93   | 1.45   | 1.62   | 1.33   | 7.33   | 105          |
| W 201*         | 3.03   | 1.49   | 1.61   | 1.12   | 7.23   | 104          |
| TRUMP          | 2.79   | 1.58   | 1.62   | 1.24   | 7.23   | 104          |
| ENHANCER       | 3.14   | 1.41   | 1.53   | 1.09   | 7.17   | 103          |
| RHINO          | 2.89   | 1.43   | 1.58   | 1.24   | 7.13   | 103          |
| W 324*         | 3.01   | 1.38   | 1.50   | 1.16   | 7.05   | 101          |
| W 426*         | 2.75   | 1.53   | 1.56   | 1.19   | 7.03   | 101          |
| DK 141         | 2.93   | 1.41   | 1.49   | 1.17   | 7.00   | 101          |
| 53Q60          | 2.83   | 1.54   | 1.49   | 1.14   | 6.99   | 101          |
| C 224*         | 2.86   | 1.48   | 1.46   | 1.12   | 6.92   | 100          |
| IMPERIAL       | 2.78   | 1.50   | 1.57   | 1.06   | 6.91   | 99           |
| C 316*         | 2.79   | 1.49   | 1.49   | 1.13   | 6.90   | 99           |
| EMPEROR        | 2.72   | 1.46   | 1.56   | 1.12   | 6.86   | 99           |
| NETYIELD 500*  | 2.80   | 1.39   | 1.57   | 1.08   | 6.83   | 98           |
| WETLAND        | 2.70   | 1.39   | 1.56   | 1.05   | 6.70   | 96           |
| 645-II         | 2.63   | 1.37   | 1.48   | 1.14   | 6.61   | 95           |
| 631            | 2.73   | 1.32   | 1.45   | 1.02   | 6.52   | 94           |
| FEAST+EV       | 2.70   | 1.28   | 1.42   | 0.97   | 6.36   | 91           |
| 9701           | 2.55   | 0.95   | 1.26   | 0.79   | 5.55   | 80           |
| SARANAC AR     | 2.50   | 1.16   | 1.20   | 0.67   | 5.53   | 79           |
| VERNAL         | 2.60   | 0.85   | 1.28   | 0.67   | 5.39   | 77           |
| <b>Mean</b>    | 2.83   | 1.45   | 1.54   | 1.13   | 6.96   |              |
| <b>5%_LSD</b>  | 0.24   | 0.14   | 0.17   | 0.14   | 0.52   |              |
| <b>CV(%)</b>   | 5.96   | 6.79   | 7.79   | 8.97   | 5.37   |              |
| <b>MCV(%)</b>  | 8.37   | 9.53   | 10.94  | 12.60  | 7.54   |              |

**Date of Seeding:** April 1<sup>st</sup>, 1999.

**Soil Type:** Flagg silt loam.

**Herbicides:** February 29<sup>th</sup> (Kerb) and August 4<sup>th</sup> (Poast Plus & Butyrac).

**Pest Control:** August 4<sup>th</sup> (Pounce).

**Plot Dimensions:** 3' x 19'.