

TABLE # 1

Northern Colorado Onion Variety Trials

Colorado State University Extension in Adams County September 15, 2017
 9755 Henderson Road, Brighton, CO. 80601-8114
 (303) 637-8100 tgourd@adcogov.org FAX: (303) 637-8125



Sakata Farms (Ewing Location) Emergence, Thrips, Pink Root, Fusarium and Maturity Report - 2017

Planted: March 13; Emergence May 24; Thrips June 15; Pink Root and Fusarium August 15; Maturity August 2 and 15, 2017
 Sprinkler Irrigated

| Seed Company: | Trt # | Variety Name | Color | Emergence | Thrips | Pink Root Severity | Fusarium | Maturity | |
|----------------------------|------------------------------------|------------------|-------|----------------------------|------------------------|------------------------------|--------------------------------|-------------------------------|-----------|
| | | | | Plts/5 row ft 5/24/2016 | Per Plant 6/15/2016 | % root infected 8/15/2016 | % infected plants 8/15/2016 | Percent tops down 8/2/2017 | 8/15/2017 |
| <u>BAYER - NUNHEMS</u> | 1 | Anillo | Y | 27.5 | 4.6 | 34 | 4 | 0.9 | 49.1 |
| | 2 | Arcero | Y | 27.3 | 6.2 | 24.5 | 0 | 0 | 13 |
| | 3 | Granero | Y | 27.3 | 5.5 | 37 | 0 | 7.5 | 96.2 |
| | 4 | Vaquero | Y | 21.5 | 5.3 | 26 | 1.2 | 4.7 | 71.2 |
| | 5 | Oloroso | Y | 27.5 | 3.9 | 23 | 0 | 0 | 20.3 |
| | 6 | Montero | Y | 27 | 3.9 | 60 | 2.7 | 25.3 | 91.1 |
| 35 | Joaquin | Y | 27.5 | 6.3 | 27.5 | 0 | 1 | 49.5 | |
| <u>SAKATA SEED AMERICA</u> | 7 | Yosemite | Y | 32 | 5.6 | 46.5 | 0 | 23.1 | 95.2 |
| | 8 | Aruba | Y | 24 | 6.6 | 33 | 2.1 | 9.4 | 66.6 |
| | 9 | Lasso | Y | 24.5 | 9.9 | 33.5 | 0 | 5 | 47.2 |
| | 10 | Dulce Reina | Y | 27 | 6.5 | 36.5 | 0 | 2.7 | 20.1 |
| | 11 | Yukon | Y | 24.5 | 6.2 | 34 | 0 | 7.2 | 64.9 |
| <u>ENZA ZADEN</u> | 12 | E61L.10058 | R | 28.5 | 2.8 | 75.5 | 3.8 | 52.1 | 100 |
| | 13 | E61L10043 | Y | 29 | 5.7 | 48 | 2.6 | 4.2 | 31.3 |
| | 14 | Caoba | Y | 24.5 | 6.7 | 34 | 0 | 4.9 | 15.2 |
| | 15 | Monastrell | R | 22.75 | 3.9 | 57.5 | 6.7 | 51.4 | 97.7 |
| <u>AMERICAN TAKII</u> | 16 | Ridge Line | Y | 27.3 | 4.2 | 51.5 | 7.6 | 18.5 | 76.4 |
| | 17 | Grand Perfection | Y | 27 | 7.3 | 47 | 0 | 2 | 40.5 |
| <u>GERMAINS</u> | 18 | Yukon Maxi Tr | Y | 23.8 | 5 | 37 | 0 | 6 | 43 |
| | 19 | Yukon Rate 1 | Y | 25.3 | 5.5 | 28 | 2 | 5.9 | 46.6 |
| | 20 | Yukon Rate 2 | Y | 23.8 | 4.9 | 32.5 | 1 | 6.7 | 51.7 |
| | 21 | Yukon Rate 3 | Y | 25.5 | 7.7 | 38.5 | 0 | 2.8 | 53.8 |
| | 22 | Yukon GEX-NP | Y | 23.5 | 6.3 | 30.5 | 0 | 1.1 | 40.5 |
| | 23 | Yukon Maxi 1500 | | 26 | 6.7 | 38.5 | 2 | 1.9 | 50.5 |
| <u>HAZERA</u> | 24 | Rhino | Y | 25.3 | 5.5 | 43.5 | 0 | 9.32 | 72.3 |
| <u>DP SEED</u> | 25 | Saffron | Y | 28 | 4.8 | 54.5 | 0.8 | 1.2 | 13 |
| | 26 | Diamond Swan | W | 34.5 | 3.6 | 35 | 0 | 2.9 | 38.9 |
| | 27 | Cherry Mountain | R | 33.3 | 4.7 | 77.5 | 5.8 | 0.9 | 10.4 |
| <u>BEJO</u> | 28 | Calibra | Y | 23 | 4 | 65.5 | 2.4 | 12.9 | 82.6 |
| | 29 | Crockett | Y | 28 | 6.3 | 37.5 | 0.9 | 2.8 | 28.5 |
| | 30 | Dawson | Y | 27 | 3.5 | 29 | 2.8 | 2.8 | 67 |
| | 31 | Delgado | Y | 27 | 6.9 | 64 | 0.9 | 5.6 | 57.9 |
| | 32 | Hamilton | Y | 26.8 | 5.9 | 24 | 0 | 0 | 5.4 |
| | 33 | Legend | Y | 25 | 4.9 | 53 | 0 | 4.9 | 63.6 |
| | 34 | Red Carpet | R | 24 | 3.9 | 71.5 | 24.4 | 2 | 48.4 |
| | 36 | Sedona | Y | 26.5 | 6.5 | 23 | 1 | 3.8 | 22.8 |
| | Averages for all varieties: | | | | 26.5 | 5.5 | 41.9 | 2.1 | 8.2 |

Critical Value for Comparison of Emergence 7.7176; Thrips 5.4866; Pink Root 3.1071; Fusarium 8.5059; Maturity (8-2-17) 21.062; Maturity (8-15-17) 52.307