

TABLE # 1

Northern Colorado Onion Variety Trials

Colorado State University Extension in Adams County October 31, 2019
 9755 Henderson Road, Brighton, CO. 80601-8114
 (303) 637-8100 tground@adco.gov.org FAX: (303) 637-8125



COLORADO STATE UNIVERSITY
EXTENSION

Sakata Farms (Howard Location) Emergence, Thrips, Pink Root, IYSV and Maturity Report - 2019

Planted: 4/10; Emergence 7/3; Thrips 7/25; Maturity 8/20 & 8/29; Pink Root, Fusarium, and IYSV 8/29/2019

Sprinkler Irrigated

Seed Company:	Trt #	Variety Name	Color	Emergence		Thrips		Maturity		Maturity 2	Pink Root		Fusarium		Iris Yellow Spot Virus	
				Pts/5 row ft 7/3/2019	Per Plant 7/25/2019	Per Plant 8/20/2019	% plants down 8/29/2019	0=no PR and 100=100% 8/29/2019	% plants infected 8/29/2019		% plants infected 8/29/2019					
Hazera Seeds	1	Rhino	Y	30.88	14.5	5.3	6.5	39	2.25	40						
Crookham	2	Scout	Y	25.88	25.45	33.16	52.93	31	3.88	80						
	3	Purple Haze	R	18.13	27.38	1.72	0	36.5	16.64	30						
	4	Caldwell	Y	20	23.75	1.79	12.83	34	4.17	55						
	5	Trident	Y	23	22.05	2.44	8.57	35	8.6	25						
	6	Oracle	Y	24.38	24.43	0	8.39	40.5	1.06	50						
	7	Scorpin	Y	23.38	20.88	1.67	7.24	28	2.37	40						
Enza Zaden	8	Monastrell	R	21.13	11.75	23.78	48.29	51	54.32	25						
	9	Elsye	Y	23.75	7.93	45.3	53.02	19	4.35	0						
DP Seed	10	Diamond Swan	W	40.63	20.33	2.41	14.17	36.5	1.89	30						
	11	Cherry Mountain	R	14.88	15.15	0	0	28	30.29	30						
	12	Saffron	Y	28	19.13	0.66	0.66	39	9.28	50						
	13	DPLD-19-39	Y	37.25	15.83	1.32	5.53	35	1.26	45						
Takii	14	Ridgeline	Y	21.38	26.78	5	9.03	41	5.8	45						
	15	Traverse	Y	22.88	19.15	30.98	50.28	37	30.9	65						
	16	Grand Perfection	Y	26	23.4	2.13	10.81	48	9.98	40						
Numhems	17	Valero	Y	24.5	27.93	4.91	18.51	14	0	35						
	18	Arcero	Y	30.13	20	1.54	7.43	33.5	6.27	50						
	19	Olorosa	Y	24.63	21.33	1.02	4.08	19.5	1.02	35						
	20	Granero	Y	25	28.23	20.96	36.89	28	3.78	40						
	21	Joaquin	Y	25	17.88	12.52	27.45	18.5	0	30						
	22	Montero	Y	26.75	14.88	13.29	18.29	51.5	5.62	50						
	23	Airoso	Y	17	21.43	0	0	28	7.58	55						
	24	Marengo	R	14.5	19.83	2	5.03	30.5	15.63	55						
	25	Vaquero	Y	29.88	29.4	8.76	35.38	22	0	55						
Seminis	26	Tuccnonn	Y	21.75	32.6	7.02	20.15	25.5	2.2	15						
	27	Red Nugent	R	24.63	17.93	1.32	9.43	48.5	24.14	20						
	28	SV4643NT	R	20.5	24.15	1.28	2.8	41.5	21.75	45						
	29	I6000	Y	24.88	24.83	7.02	36.23	55.5	7.06	30						
	30	SV6672NW	Y	25.75	26.28	2.65	15.35	26	0.71	30						
Bejo	31	Red Mountain	R	20	18.35	2.74	1.43	68.5	32.88	35						
	32	Gunnison	Y	24.5	21.05	1.02	0	56	22.3	40						
	33	Delgado	Y	24	25.35	2.89	3.87	48	11.36	35						
	34	Legend	Y	23.13	26.35	0	4.42	40.5	16.3	50						
	35	Mondella	Y	16.63	24.2	3.49	11.11	33.5	17.99	35						
	36	Sedona	Y	25.5	28.5	4.32	13.18	18.5	4.6	30						
	37	Bride White	W	20.88	25.83	3.33	7.22	25.5	1.11	55						
	38	Hamilton	Y	20.13	35.48	0.89	4.46	25	0	70						
	39	Crockett	Y	25.63	34.8	0	2.98	38	9.43	50						

Averages for all varieties: 24.0 22.7 6.7 14.7 35.2 10.22 41.5
Critical Values for comparison: 8.1 4.1 10.1 15.6 15.18 11.56 35.09

Data was Analyzied using Tukey HSD All-Pairwise Comparisons Test