

Table 7
Comparisons Test of Emerged Onion Varieties per 5 feet of row
(Three Lines per Bed)Hudson Location - 6-5-2014

Number	Variety	Number of Onions	
		Mean	Homogeneous Groups
25	SV4058NU	52.250	A
12	Anillo	49.250	AB
21	Swale	49.250	AB
14	Joaquin	48.000	ABC
26	Avalon	47.250	ABC
40	Comenta	47.250	ABC
15	Montero	47.000	ABC
23	XP07716000	47.000	ABC
13	Comenta	46.750	ABC
18	Oloroso	46.750	ABC
22	SV6672NW	46.750	ABC
35	Cruiser	46.500	ABC
1	Trail Blazer	46.000	ABC
33	Maverick	46.000	ABC
11	Aceros	45.500	ABC
27	Scout	45.500	ABC
16	Ranchero	45.250	ABC
7	Gunnison	44.750	ABC
17	Vaquero	44.750	ABC
42	Red Wing	44.750	ABC
31	Trigger	44.500	ABC
4	Calibra	44.250	ABC
6	Delgado	44.000	ABC
5	Crockett	43.750	ABC
28	Pontiac	43.750	ABC
2	Grand Perfection	43.250	ABC
20	Ovation	43.250	ABC
3	T-866	42.750	ABC
9	Legend	42.250	ABC
30	Oracle	41.750	ABC
24	SV6646NW	41.250	ABC
32	Purple Haze	41.250	ABC
8	Hamilton	40.750	ABC
10	Sedona	39.000	ABC
29	Esteem	37.000	BC
41	Red Wing	36.750	BC
19	Spanish Medallion	35.250	C
38	Cherry Mountain	20.000	D
39	Saffron	20.000	D
37	Sugar Loaf	17.500	D
36	Diamond Swan	12.000	D
34	Frontino	7.250	D

Alpha 0.05 Standard Error for Comparison 3.4169
Critical Q Value 5.522 Critical Value for Comparison 13.343
Error term used: REP*VARIETY, 123 DF
There are 4 groups (A, B, etc.) in which the means
are not significantly different from one another.

Table 8
Comparisons Test of the Number of Thrips per Plant at the Hudson Location
7-2-2014

Number	Variety	Avg. Number of Thrips per Plant	
		Mean	Homogeneous Groups
36	Diamond Swan	14.325	A
2	Grand Perfection	14.000	A
37	Sugar Loaf	13.625	A
33	Maverick	12.550	A
27	Scout	12.500	A
38	Cherry Mountain	12.500	A
21	Swale	12.300	A
25	SV4058NU	12.100	A
19	Spanish Medallion	12.025	A
39	Saffron	11.925	A
9	Legend	11.900	A
24	SV6646NW	11.525	A
29	Esteem	11.400	A
17	Vaquero	11.300	A
22	SV6672NW	10.950	A
6	Delgado	10.875	A
32	Purple Haze	10.575	A
5	Crockett	10.400	A
7	Gunnison	10.350	A
15	Montero	10.325	A
35	Cruiser	10.200	A
18	Oloroso	9.975	A
1	Trail Blazer	9.825	A
14	Joaquin	9.700	A
11	Acerro	9.600	A
20	Ovation	9.475	A
31	Trigger	9.425	A
41	Red Wing	9.400	A
34	Frontino	9.175	A
40	Cometa	9.175	A
3	T-866	9.025	A
42	Red Wing	8.875	A
8	Hamilton	8.650	A
10	Sedona	8.600	A
23	XPO7716000	8.600	A
26	Avalon	8.525	A
13	Cometa	8.500	A
12	Anillo	8.150	A
28	Pontiac	8.100	A
30	Oracle	8.100	A
16	Ranchero	7.400	A
4	Calibra	7.075	A

Alpha 0.05 Standard Error for Comparison 2.1885
Critical Q Value 5.522 Critical Value for Comparison 8.5459
Error term used: REP*VAR, 123 DF
There are no significant pairwise differences among the means.

Table 9
Comparisons Test of Maturity for Onion Varieties at Hudson Location
8/14/2014

Number	Variety	Percent of Onions Tops Down	
		Mean	Homogeneous Groups
37	Sugar Loaf	28.319	A
19	Spanish Medallion	14.519	B
15	Montero	11.262	BC
27	Scout	9.9172	BCD
20	Ovation	7.4766	BCDE
14	Joaquin	6.2460	CDE
17	Vaquero	5.6984	CDE
35	Cruiser	5.4571	CDE
26	Avalon	4.2612	CDE
7	Gunnison	3.9805	CDE
16	Ranchero	3.2785	DE
21	Swale	3.0309	DE
32	Purple Haze	2.9656	DE
29	Esteem	2.7339	DE
22	SV6672NW	2.7083	DE
42	Red Wing	2.6736	DE
23	XP07716000	2.6541	DE
40	Cometa	2.6389	DE
11	Acero	2.2116	E
12	Anillo	2.0606	E
39	Saffron	1.9643	E
24	SV6646NW	1.8981	E
28	Pontiac	1.8452	E
4	Calibra	1.7626	E
18	Oloroso	1.6452	E
31	Trigger	1.6304	E
33	Maverick	1.4921	E
41	Red Wing	1.4248	E
13	Cometa	1.1117	E
9	Legend	1.1111	E
8	Hamilton	0.7813	E
5	Crockett	0.5682	E
10	Sedona	0.5682	E
2	Grand Perfection	0.5435	E
25	SV4058NU	0.4545	E
1	Trail Blazer	0.0000	E
3	T-866	0.0000	E
6	Delgado	0.0000	E
30	Oracle	0.0000	E
34	Frontino	0.0000	E
36	Diamond Swan	0.0000	E
38	Cherry Mountain	0.0000	E

Alpha 0.05 Standard Error for Comparison 1.9394
Critical Q Value 5.522 Critical Value for Comparison 7.5731
Error term used: REP*VARIETY, 123 DF
There are 5 groups (A, B, etc.) in which the means
are not significantly different from one another.

Table 10
Comparisons Test of Maturity for Onion Varieties at Hudson Location
8/25/2014

Number	Variety	Percent of Onions Tops Down	
		Mean	Homogeneous Groups
37	Sugar Loaf	74.299	A
19	Spanish Medallion	70.551	A
15	Montero	54.365	AB
20	Ovation	52.526	ABC
27	Scout	47.385	ABCD
26	Avalon	40.056	ABCDE
14	Joaquin	32.845	ABCDE
35	Cruiser	30.632	ABCDE
30	Oracle	26.642	BCDE
7	Gunnison	25.957	BCDE
39	Saffron	23.640	BCDE
16	Ranchero	22.598	BCDE
12	Anillo	19.225	BCDE
23	XP07716000	19.177	BCDE
32	Purple Haze	17.867	BCDE
4	Calibra	17.305	BCDE
42	Red Wing	16.573	BCDE
17	Vaquero	15.039	BCDE
2	Grand Perfection	14.690	BCDE
21	Swale	14.322	BCDE
1	Trail Blazer	13.422	BCDE
9	Legend	11.517	BCDE
29	Esteem	11.354	BCDE
22	SV6672NW	9.8462	CDE
18	Olorosa	9.1299	CDE
41	Red Wing	8.7669	DE
31	Trigger	8.5393	DE
11	Acero	7.8153	DE
6	Delgado	7.5663	DE
33	Maverick	6.8320	DE
24	SV6646NW	6.0080	DE
13	Cometa	5.4950	DE
40	Cometa	5.2431	DE
10	Sedona	4.9143	DE
36	Diamond Swan	2.3810	E
28	Pontiac	2.2872	E
8	Hamilton	1.3626	E
5	Crockett	1.1364	E
3	T-866	0.6250	E
25	SV4058NU	0.5435	E
34	Frontino	0.0000	E
38	Cherry Mountain	0.0000	E

Alpha 0.05 Standard Error for Comparison 11.188
Critical Q Value 5.522 Critical Value for Comparison 43.688
Error term used: REP*VARIETY, 123 DF
There are 5 groups (A, B, etc.) in which the means
are not significantly different from one another.