

Table 3-4. Performance of commercial varieties in the North Carolina Official Variety Test at Kinston, NC 2012.

Variety	Yield (lb/a)	Value (\$/a)	Price (\$/cwt)	Grade Index	Days to Flower	Leaves per Plant	Plant Height (in.)	Leaf Spacing (in.)	Sol. Sug. (%)	Total Alk. (%)	Ratio Sug. To Alk.
CC 1063	2874	5413	188.14	89	62	16.6	45	2.72	16.97	2.53	6.91
CC 13	2829	5285	186.98	88	63	16.2	43	2.65	16.77	2.33	7.29
CC 27	2528	4750	187.91	90	60	16.8	42	2.56	19.1	2.41	7.94
CC 304	2781	5282	189.67	91	60	14.7	44	2.98	20.17	2.25	9
CC 33	2749	5199	188.68	90	63	15.8	42	2.65	17.77	2.25	7.9
CC 35	3590	6906	192.05	91	64	17	46	2.74	17.5	2.38	7.35
CC 37	2736	5177	189.01	90	63	16.3	41	2.54	18.93	2.57	7.43
CC 65	2970	4823	165.97	80	65	16.5	48	2.92	16.7	2.4	7.23
CC 67	2484	4640	186.86	89	62	16.9	44	2.62	16.97	2.93	5.82
CC 700	2751	5122	186.39	88	63	15.2	42	2.79	19.47	2.7	7.26
GF 157	2465	4538	183.96	88	61	15.9	42	2.64	18.6	2.33	8.03
GF 318	2997	5587	185.39	89	61	16.3	45	2.79	20.77	2.55	8.28
GL 338	2526	4812	190.55	91	64	15.9	43	2.69	20.33	2.2	9.3
GL 368	3003	5624	187.32	89	63	17.1	43	2.55	19.6	3.03	6.53
GL 395	2784	5070	182.03	87	61	15.6	44	2.85	17.17	2.8	6.27
GL 939	2581	4809	185.88	89	57	17.2	41	2.4	20.1	2.9	7.08
K 326	3224	6013	186.44	88	61	17.5	43	2.44	19.93	2.46	8.14
K 346	2737	5077	185.25	87	60	16.7	45	2.7	16.67	2.37	7.22
K 399	2918	5334	182.03	87	62	16.9	38	2.28	16.63	2.64	6.29
NC 102	2595	4894	188.68	89	63	15.5	40	2.57	18	2.79	6.61
NC 196	2766	5172	187.33	88	62	17.3	43	2.52	18.13	2.77	6.59
NC 291	2861	5418	188.94	90	62	16.2	39	2.41	17.73	3.25	5.46
NC 297	2948	5643	191.46	91	62	16.3	43	2.66	17.9	2.66	6.73
NC 299	3042	5730	188.38	90	63	15.2	42	2.75	20.17	2.56	7.87
NC 471	2558	4745	185.33	88	63	17.4	44	2.53	18.3	2.53	7.33
NC 55	2995	5689	189.42	90	61	15.7	39	2.53	15.97	2.93	5.47
NC 606	2554	4738	184.9	88	61	17.2	41	2.4	19.53	2.64	7.45
NC 71	2823	5467	193.6	92	61	16.1	41	2.57	19.77	3.03	6.52
NC 72	2981	5614	188.44	90	63	15.5	42	2.7	19.17	2.49	7.79

NC 92	3127	5855	186.87	89	62	17.5	43	2.48	19.63	2.73	7.43
NC 925	2643	5005	189.33	90	63	15.9	40	2.56	19.13	2.4	8.16
NC 95	2293	4349	189.58	90	64	17.1	47	2.75	18.57	2.74	6.81
NC2326	2355	4426	187.71	89	56	15	43	2.9	17.1	3.07	5.6
PVH 1118	3128	6026	192.59	91	62	16.3	43	2.66	17.67	2.57	7.31
PVH 1452	3000	5673	188.6	90	60	15.4	42	2.73	18.6	2.55	7.51
PVH 2110	2728	5121	187.73	89	64	18	43	2.41	18.37	2.36	7.78
PVH 2248	2881	5330	184.38	87	62	16.6	42	2.54	17.2	2.77	6.35
PVH 2254	3196	5369	168.04	81	62	17.3	45	2.58	16.83	2.82	6.1
PVH 2275	2786	5247	188.4	90	63	16.7	43	2.63	16.27	2.84	5.76
RJR 901	2624	4920	187.67	89	61	16.6	44	2.66	18.67	2.75	6.87
SPEIGHT 168	2458	4600	187.15	89	63	17.1	42	2.46	18.17	2.91	6.39
SPEIGHT 220	2383	4555	190.98	92	64	16.3	40	2.44	18.3	2.55	7.19
SPEIGHT 225	2559	4881	190.37	90	63	16.3	44	2.69	16.6	2.52	6.61
SPEIGHT 227	2645	4836	182.78	87	64	17.8	42	2.42	18.6	2.56	7.26
SPEIGHT 236	2789	5162	185.52	89	63	16.5	40	2.45	17.07	2.45	7.08
Test Average	2783	5198	186.77	89	62	16.4	43	2.61	18.26	2.63	7.10

Table 3-5. Performance of commercial varieties in the North Carolina Official Variety Test at Oxford, NC 2012.

Variety	Yield (lb/a)	Value (\$/a)	Price (\$/cwt)	Grade Index	Days to Flower	Leaves per Plant	Plant Height (in.)	Leaf Spacing (in.)	Sol. Sug. (%)	Total Alk. (%)	Ratio Sug. To Alk.
CC 1063	2789	5023	180.13	84	42	16.4	32	1.95	11.67	4.22	2.78
CC 13	2926	5111	174.54	83	45	16.7	32	1.91	11.82	3.67	3.29
CC 27	2768	5111	185.01	86	46	17.1	33	1.91	9.65	3.94	2.47
CC 304	2736	4574	168.86	79	42	16.8	36	2.12	10.06	3.95	2.58
CC 33	2831	5232	184.26	86	47	16.9	32	1.91	11.1	3.69	3.06
CC 35	3324	6286	188.91	88	58	17.9	41	2.3	14.28	3.44	4.29
CC 37	2564	4471	173.64	80	45	16.4	32	1.94	10.06	4.23	2.37
CC 65	3510	5605	159.28	76	58	17.7	38	2.13	13.87	4.08	3.53
CC 67	2811	4416	159.93	77	46	17.3	34	1.95	11.03	3.86	2.89
CC 700	3210	4926	158.86	76	41	16.7	35	2.11	11.98	3.76	3.18
GF 157	2630	4885	185.69	86	42	16.3	33	2.03	11.44	3.87	3.03
GF 318	2747	5225	190.47	89	42	17.2	36	2.07	14.17	3.91	3.65
GL 338	2768	5045	182.33	84	43	16.5	32	1.96	10.44	4.15	2.56
GL 368	2726	4978	182.69	84	45	16.7	33	2	11.3	4.4	2.58
GL 395	2750	4348	157.39	76	41	16.7	35	2.11	11.11	3.86	2.85
GL 939	2538	4359	172.06	81	41	16.3	31	1.94	15.6	4.11	3.81
K 326	3291	6279	190.89	89	45	16.3	31	1.9	12	3.74	3.3
K 346	2678	5085	189.76	88	42	16.2	31	1.92	12.77	4.04	3.19
K 399	2618	4211	164.09	76	42	16.4	33	2.01	11.2	3.63	3.09
NC 102	2803	5064	180.32	83	48	15.2	28	1.87	11.68	3.84	3.05
NC 196	2962	5570	187.97	87	47	16.5	33	1.97	12.17	3.49	3.54
NC 291	3201	4813	153.98	74	41	16.3	33	2.03	11.67	4.18	2.87
NC 297	2818	4287	155.85	74	42	16.9	34	2.02	13.57	3.82	3.62
NC 299	2850	5445	190.93	89	45	16.5	31	1.91	13.47	3.65	3.71
NC 471	2159	3846	178.14	82	42	16.4	33	2.03	12.53	4.21	3
NC 55	3192	6022	189.12	88	46	15.7	30	1.89	11.26	4.04	2.81
NC 606	2926	5436	186.1	87	45	17	35	2.05	10.72	3.92	2.78
NC 71	2980	5534	185.73	85	43	16.3	30	1.84	11.16	4.13	2.78

NC 72	3346	5105	155.43	75	42	15.8	33	2.11	12.76	3.56	3.67
NC 92	2877	4696	164.2	77	43	16.7	34	2.04	13.63	4.01	3.43
NC 925	2824	5099	180.51	83	42	15.9	31	1.96	10.95	4.17	2.63
NC 95	2654	3728	140.49	67	42	16.8	35	2.11	13.37	3.85	3.51
NC2326	2090	3226	154.37	72	40	14.9	36	2.47	9.09	4.02	2.25
PVH 1118	2496	4106	165.89	76	43	16.8	36	2.15	12.39	3.93	3.22
PVH 1452	2703	5102	188.55	87	44	16.7	31	1.85	11.33	3.87	2.95
PVH 2110	3199	6047	188.91	87	48	17.9	36	2.02	13.28	3.69	3.69
PVH 2248	2709	4970	183.33	86	43	17.7	34	1.94	10.53	3.95	2.71
PVH 2254	3315	4767	145.89	69	45	17.8	37	2.07	12.72	3.35	3.81
PVH 2275	2859	4807	169.27	78	42	16.7	35	2.08	10.2	3.54	3
RJR 901	2469	4600	186.31	86	42	15.1	31	2.06	10.89	4.45	2.45
SPEIGHT 168	2781	4326	156.72	74	42	17.1	34	2.01	11.15	3.62	3.13
SPEIGHT 220	2640	4051	157.57	75	44	16.5	35	2.1	11.84	4.1	2.94
SPEIGHT 225	2565	4472	173.2	81	42	16.9	34	2.04	11.64	3.87	3.07
SPEIGHT 227	2364	4204	177.87	81	44	17	34	2.02	10.17	3.79	2.7
SPEIGHT 236	2717	4938	181.32	83	44	16.5	34	2.05	10.53	4.04	2.67
Test Average	2816	4876	173.93	81	44	16.6	33	2.02	11.78	3.90	3.08

Table 3-6. Performance of commercial varieties in the North Carolina Official Variety Test at Rocky Mount, NC 2012.

Variety	Yield (lb/a)	Value (\$/a)	Price (\$/cwt)	Grade Index	Days to Flower	Leaves per Plant	Plant Height (in.)	Leaf Spacing (in.)	Sol. Sug. (%)	Total Alk. (%)	Ratio Sug. To Alk.
CC 1063	2672	4641	173.42	84	73	19	36	1.9	11.47	3.58	3.3
CC 13	2450	4437	181.08	87	72	19.3	36	1.86	12.77	3.25	3.93
CC 27	2798	5103	182.39	87	72	18.5	35	1.91	12.23	3.53	3.56
CC 304	2583	4303	169.48	82	71	19.2	37	1.95	14.3	3.57	4.05
CC 33	2644	4758	179.9	86	73	18.3	36	1.95	12.43	3.47	3.59
CC 35	2856	4863	169.51	81	74	20	40	2	15	3.43	4.38
CC 37	2528	4555	180.15	86	69	18.7	36	1.93	14.73	3.32	4.44
CC 65	3072	5836	189.98	91	73	19.3	42	2.17	15.6	3.4	4.61
CC 67	2426	4398	181.38	88	70	18.7	37	2	13.97	3.32	4.24
CC 700	2895	5071	176.03	85	73	17.9	36	2.03	12.87	3.5	3.69
GF 157	2263	4091	180.68	86	73	18.3	35	1.9	11.73	3.25	3.64
GF 318	2504	4558	181.72	87	71	18.7	38	2.04	15.9	3.58	4.45
GL 338	2631	4690	178.3	87	71	18.2	34	1.89	13.83	3.6	3.85
GL 368	2799	5104	182.54	88	72	18.9	38	2.02	12.8	3.81	3.4
GL 395	2476	4332	174.28	83	73	17.9	36	2.03	13.5	3.62	3.8
GL 939	2257	4051	179.39	86	73	17.5	32	1.84	14.77	3.94	3.87
K 326	2897	5412	186.51	90	70	17.3	34	1.96	16.33	3.17	5.15
K 346	2251	4147	183.87	88	71	18.3	36	1.94	10.93	3.78	2.92
K 399	2194	3666	167.5	82	72	17.9	32	1.79	12.67	3.3	3.85
NC 102	2699	4877	180.34	87	70	18.2	32	1.78	14.03	3.48	4.07
NC 196	2641	4885	185.08	89	74	17.9	34	1.92	15.03	3.33	4.55
NC 291	2781	4808	173.28	84	70	17.5	35	1.99	13.03	3.77	3.51
NC 297	2955	5418	182.76	87	72	18.2	35	1.93	12.77	3.72	3.45
NC 299	2728	4997	182.61	88	72	18.7	36	1.9	12.57	3.39	3.71
NC 471	2280	4148	181.56	87	71	18.4	37	1.99	13	3.94	3.32
NC 55	2548	4582	180	87	72	18.4	34	1.85	14.3	3.53	4.09
NC 606	2171	3941	181.81	87	74	17.3	34	1.96	13.27	3.99	3.4
NC 71	2959	5420	182.31	87	72	17.9	34	1.88	13.17	3.43	3.84

NC 72	2651	4798	180.88	87	73	19.1	37	1.96	14.77	3.15	4.71
NC 92	2595	4768	183.39	88	72	18.1	37	2.06	14.6	4.05	3.62
NC 925	2596	4684	180.36	86	71	18.4	33	1.77	14.8	3.04	5.02
NC 95	2233	3985	178.41	86	74	19.4	38	1.97	12.07	4.21	2.86
NC2326	1896	3410	179.82	86	69	15.7	36	2.31	11.6	3.92	3.01
PVH 1118	2646	4755	179.7	86	72	17.9	36	2.03	13.83	3.54	3.95
PVH 1452	2290	4133	180.38	86	74	18.2	35	1.91	14.43	3.49	4.27
PVH 2110	2672	4810	179.88	86	74	18.8	38	2	13.87	3.15	4.46
PVH 2248	2366	4199	177.55	86	71	18.7	37	1.95	13.93	3.62	3.88
PVH 2254	2950	5316	180.28	86	71	19.5	40	2.05	14.57	3.13	4.71
PVH 2275	2487	4523	181.76	87	72	17.7	35	1.96	13.77	3.22	4.29
RJR 901	2477	4270	172.23	84	75	18.5	35	1.88	12.7	3.54	3.59
SPEIGHT 168	2480	4445	179.26	86	75	17.8	35	1.98	15.77	3.5	4.59
SPEIGHT 220	2496	4435	177.81	86	72	17.1	35	2.03	12.57	4.26	2.95
SPEIGHT 225	2148	3661	172.34	83	71	17.7	36	2.05	11.57	3.36	3.45
SPEIGHT 227	2225	3521	159.53	78	76	18.3	33	1.81	11.93	3.42	3.49
SPEIGHT 236	2190	3838	175.38	85	72	18.7	34	1.82	11.17	3.46	3.24
Test Average	2541	4548	178.82	86	72	18.3	36	1.95	13.49	3.53	3.88