

Performance of commercial varieties in the North Carolina Official Variety Test, three year average, 2017, 2019, and 2020.

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	2455	4089	163.54	80	68	18.4	38	2.04	16.46	2.73	6.04
CC 13	2629	4261	163.67	79	66	19.0	38	1.99	18.11	2.46	7.35
CC 143	2788	4365	155.80	76	67	19.5	39	2.00	19.39	2.48	7.83
CC 144	2564	4029	158.50	77	67	19.0	39	2.05	18.97	2.29	8.28
CC 145	2733	4484	163.33	80	67	18.9	41	2.16	18.94	2.37	8.00
CC 35	2838	4289	153.34	75	71	18.9	43	2.27	18.91	2.52	7.50
CC 700	2618	4287	162.64	79	65	18.1	37	2.02	17.91	2.61	6.86
GF 318	2719	4394	159.67	78	67	19.0	38	2.02	18.63	2.65	7.03
GL 26H	2777	4128	149.25	74	68	19.0	38	2.01	20.35	2.26	9.01
GL 365	2828	4678	164.78	80	69	20.8	39	1.88	18.97	2.47	7.68
GL 395	2536	3978	155.67	76	65	18.7	38	2.06	16.91	2.83	5.97
K 326	2804	4475	156.97	77	67	19.0	37	1.94	20.04	2.45	8.19
NC 1226	2829	4404	160.37	78	67	19.1	38	1.98	18.21	2.48	7.34
NC 196	2705	4305	157.86	77	68	18.9	39	2.06	17.87	2.45	7.29
NC 299	2662	4384	163.06	79	68	19.0	37	1.97	18.84	2.51	7.51
NC 606	2495	3825	151.98	75	67	18.5	38	2.08	18.94	2.60	7.30
Test Avg	2686	4273	158.78	78	67	19.0	39	2.03	18.59	2.51	7.45

Performance of commercial varieties in the North Carolina Official Variety Test, two year average, 2019 and 2020.

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	2301	3808	163.34	80	64	18.4	38	2.04	17.89	2.40	7.47
CC 13	2418	3774	161.81	79	63	19.4	38	1.95	19.77	2.22	8.90
CC 143	2596	3698	144.93	73	65	19.6	39	1.99	20.73	2.27	9.14
CC 144	2377	3583	154.94	76	64	18.8	38	2.04	19.72	2.12	9.32
CC 145	2553	4070	160.16	78	65	18.7	41	2.18	19.68	2.12	9.30
CC 35	2527	3887	153.85	75	68	18.3	42	2.32	19.70	2.39	8.25
CC 700	2422	3748	159.68	78	64	18.1	37	2.01	19.82	2.41	8.23
GF 318	2510	3955	157.03	77	64	18.8	38	2.03	19.77	2.43	8.14
GL 26H	2630	3639	145.66	72	66	19.1	38	2.01	21.01	2.08	10.09
GL 365	2621	4280	163.05	80	66	21.2	38	1.80	19.89	2.23	8.92
GL 395	2372	3698	156.56	77	63	18.4	38	2.05	18.49	2.51	7.37
K 326	2607	3992	152.03	75	64	19.1	37	1.95	21.59	2.28	9.49
NC 1226	2510	3922	160.84	79	64	19.2	37	1.95	19.03	2.38	8.01
NC 196	2387	3694	155.33	77	65	18.8	39	2.06	19.09	2.22	8.62
NC 1960	2682	4342	160.11	78	66	19.8	39	1.95	19.56	2.22	8.80
NC 299	2468	4041	162.34	79	65	19.1	37	1.95	20.21	2.32	8.73
NC 606	2256	3321	147.72	74	64	18.6	38	2.07	20.23	2.39	8.47
NC 986	2770	4266	153.47	76	64	19.3	39	2.04	20.52	2.16	9.52
NC 987	2829	4532	159.85	78	64	18.3	38	2.10	21.74	2.13	10.21
NC 989	2954	4412	148.76	74	64	18.8	37	1.96	20.47	2.24	9.13
PVH 1610	2404	4010	165.32	80	65	19.6	39	1.97	19.10	2.44	7.82
PVH 2343	2581	4296	165.22	80	64	19.6	40	2.06	19.88	2.12	9.40
Test Avg	2535	3953	156.91	77	65	19.1	38	2.02	19.90	2.27	8.79

Performance of commercial varieties in the North Carolina Official Variety Test, combined over two locations, 2020.

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	2333	3778	160.56	79	61	17.5	37	2.12	19.14	2.18	8.79
CC 13	2217	3830	171.02	82	62	17.9	36	1.99	22.32	2.00	11.18
CC 143	2678	3567	134.17	68	62	18.4	38	2.08	22.01	2.17	10.15
CC 144	2224	3096	139.77	70	61	18.2	36	1.97	21.58	1.92	11.26
CC 145	2675	4298	160.90	78	62	18.4	40	2.16	20.75	2.08	9.95
CC 35	2528	3924	152.42	75	67	17.7	41	2.33	21.91	2.17	10.11
CC 700	2124	3411	161.00	79	64	17.4	36	2.07	21.66	2.28	9.50
GF 318	2550	3718	144.23	72	62	17.4	37	2.14	21.46	2.42	8.88
GL 26H	2552	3246	131.09	67	64	18.5	37	1.99	22.89	1.90	12.05
GL 365	2801	4267	153.59	76	65	19.3	37	1.91	22.47	2.02	11.14
GL 386	2366	3782	158.12	78	62	17.6	38	2.13	19.56	2.29	8.55
GL 395	2352	3565	150.58	75	62	17.4	36	2.10	20.08	2.44	8.24
K 326	2532	3627	142.87	72	62	18.0	36	2.03	23.76	2.29	10.38
NC 1226	2614	4097	157.54	78	61	17.6	37	2.09	21.04	2.34	8.98
NC 196	2594	3664	140.81	71	66	17.7	38	2.13	20.13	2.08	9.67
NC 1960	2633	4467	168.09	81	65	18.1	37	2.02	20.77	2.30	9.01
NC 299	2286	3647	159.96	78	64	18.2	34	1.87	21.05	2.49	8.45
NC 606	2081	2744	130.32	67	62	17.1	35	2.07	22.15	2.27	9.76
NC 986	2843	4245	148.17	74	63	18.3	39	2.14	22.62	2.05	11.04
NC 987	2807	4412	158.00	78	61	18.6	38	2.04	23.17	2.12	10.92
NC 989	2763	4138	150.20	74	62	18.1	36	1.96	22.19	2.15	10.30
NC 996	2928	4271	143.33	72	62	18.3	39	2.12	23.62	2.09	11.31
NC 997	2683	3469	127.76	66	61	18.4	37	1.99	21.48	2.20	9.74
PVH 1610	2381	4060	167.04	81	64	19.2	39	2.01	21.45	2.24	9.59
PVH 2329	2111	3097	147.36	73	61	19.2	36	1.90	21.80	2.02	10.77
PVH 2343	2516	3876	153.10	76	61	18.4	39	2.14	21.55	2.06	10.47
PVH 2404	2711	3859	145.02	72	68	18.6	38	2.05	21.44	2.16	9.94
PVH 2411	2441	3280	135.86	69	69	19.4	41	2.11	22.79	1.92	11.86
Test Avg	2512	3765	149.75	74	63	18.2	37	2.06	21.67	2.17	10.07

Performance of commercial varieties in the North Carolina Official Variety Test, Oxford, NC, 2020.

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	2237	3229	143.04	72	60	17.3	31	1.81	19.90	2.44	8.16
CC 13	2250	3737	162.90	78	61	18.5	31	1.65	20.27	2.47	8.20
CC 143	2491	2769	111.30	59	60	18.9	31	1.63	21.81	2.24	9.75
CC 144	2326	2813	119.13	61	64	18.0	31	1.72	21.80	2.17	10.03
CC 145	2685	3774	140.99	71	60	18.1	34	1.90	20.15	2.44	8.26
CC 35	2335	2932	124.25	64	68	17.7	35	2.00	21.48	2.49	8.64
CC 700	2148	2974	138.81	70	62	15.5	29	1.88	20.88	2.67	7.81
GF 318	2199	2888	130.65	67	62	17.1	32	1.86	21.88	2.56	8.55
GL 26H	2727	2997	110.31	59	64	18.4	32	1.74	21.95	2.10	10.47
GL 365	2874	3515	123.34	64	65	20.0	32	1.61	19.91	2.30	8.67
GL 386	2387	3353	136.80	69	60	17.5	31	1.77	20.31	2.62	7.75
GL 395	2284	3290	143.17	72	59	17.5	32	1.82	19.55	2.71	7.22
K 326	2401	3034	125.34	65	60	18.6	31	1.66	23.11	2.78	8.30
NC 1226	2356	3596	150.77	75	59	17.8	32	1.79	21.12	2.77	7.64
NC 196	2514	3096	124.10	64	67	17.8	32	1.82	18.63	2.31	8.08
NC 1960	2449	3895	157.32	76	64	17.9	32	1.78	20.21	2.61	7.75
NC 299	2327	3153	135.50	68	62	17.5	28	1.62	19.86	2.89	6.88
NC 606	2040	2511	122.01	64	64	16.9	30	1.78	22.18	2.43	9.13
NC 986	2690	3331	124.66	64	62	18.3	35	1.89	22.14	2.28	9.73
NC 987	2776	4501	160.21	78	60	17.9	34	1.87	22.51	2.35	9.56
NC 989	2795	3951	140.74	70	61	17.9	30	1.69	20.47	2.60	7.87
NC 996	2473	3141	127.60	65	62	19.0	34	1.76	22.89	2.55	8.99
NC 997	2324	2726	117.20	62	59	18.9	32	1.68	20.47	2.50	8.18
PVH 1610	2102	3236	150.54	75	63	19.7	34	1.71	20.09	2.49	8.06
PVH 2329	2174	3038	137.12	69	59	19.1	32	1.67	21.41	2.31	9.27
PVH 2343	2489	3781	149.71	74	58	19.5	34	1.73	21.14	2.63	8.04
PVH 2404	2902	3156	109.51	58	67	20.5	33	1.64	20.21	2.42	8.34
PVH 2411	2571	2893	113.08	60	71	20.1	37	1.85	21.21	2.10	10.10
Test Avg	2440	3261	133.22	68	62	18.3	32	1.76	20.98	2.47	8.55

Performance of commercial varieties in the North Carolina Official Variety Test, Kinston, NC, 2020.

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	2429	4327	178.07	86	63	18.7	43	2.29	18.37	1.92	9.59
CC 13	2185	3923	179.14	86	63	19.2	41	2.13	24.37	1.52	16.03
CC 143	2865	4365	157.03	77	64	19.1	43	2.28	22.21	2.10	10.59
CC 144	2122	3380	160.42	79	63	18.3	40	2.19	21.36	1.66	12.88
CC 145	2665	4822	180.82	86	63	19.3	45	2.35	21.35	1.73	12.35
CC 35	2721	4915	180.59	86	63	17.4	43	2.49	22.34	1.85	12.10
CC 700	2101	3849	183.20	88	65	17.4	43	2.47	22.44	1.89	11.91
GF 318	2900	4548	157.81	78	63	18.3	43	2.32	21.04	2.27	9.27
GL 26H	2378	3496	151.87	75	64	18.5	42	2.24	23.83	1.70	13.99
GL 365	2728	5018	183.84	88	66	20.0	42	2.08	25.02	1.74	14.41
GL 386	2345	4211	179.44	86	63	18.2	44	2.42	18.82	1.96	9.62
GL 395	2421	3839	157.99	78	64	17.9	41	2.29	20.62	2.16	9.53
K 326	2663	4221	160.41	79	64	18.9	42	2.23	24.42	1.80	13.59
NC 1226	2872	4598	164.31	81	63	19.3	41	2.14	20.97	1.92	10.91
NC 196	2674	4231	157.52	78	66	18.6	43	2.33	21.63	1.86	11.64
NC 1960	2818	5039	178.86	86	65	19.5	41	2.11	21.33	2.00	10.65
NC 299	2245	4141	184.42	88	66	18.8	40	2.12	22.24	2.09	10.62
NC 606	2121	2976	138.62	71	64	18.8	41	2.17	22.13	2.11	10.49
NC 986	2996	5159	171.68	84	63	19.2	44	2.28	23.10	1.82	12.67
NC 987	2839	4322	155.80	77	63	18.9	42	2.25	23.84	1.89	12.61
NC 989	2731	4324	159.67	78	64	19.3	41	2.13	23.91	1.71	14.01
NC 996	3383	5400	159.07	78	63	18.2	44	2.42	24.34	1.63	14.93
NC 997	3041	4212	138.33	70	63	19.1	42	2.18	22.49	1.91	11.80
PVH 1610	2660	4884	183.53	88	64	19.7	43	2.21	22.80	1.98	11.51
PVH 2329	2048	3156	157.59	78	63	18.7	41	2.20	22.19	1.74	12.76
PVH 2343	2542	3970	156.48	77	64	19.7	45	2.28	21.95	1.49	14.77
PVH 2404	2521	4562	180.53	86	72	20.5	43	2.08	22.68	1.89	12.00
PVH 2411	2312	3668	158.65	78	72	19.8	42	2.13	24.38	1.74	13.98
Test Avg	2583	4270	166.27	81	64	18.9	42	2.24	22.36	1.86	12.19

**Performance of commercial varieties in the North Carolina Official Variety Test, three year average, 2015-2017.**

<b>Variety</b>	<b>Yield</b>	<b>Value</b>	<b>Price</b>	<b>Index</b>	<b>Flower</b>	<b>Plant</b>	<b>Height</b>	<b>Spacing</b>	<b>Sol. Sug.</b>	<b>Total Alk.</b>	<b>Ratio</b>
	<b>(lb/a)</b>	<b>(\$/a)</b>	<b>(\$/cwt)</b>				<b>(in.)</b>	<b>(in.)</b>	<b>(%)</b>	<b>(%)</b>	
CC 1063	2864	4918	170.83	82	70	17.5	39	2.26	14.26	3.00	5.13
CC 13	2989	5127	170.44	82	69	18.0	39	2.18	14.42	2.78	5.60
CC 143	3126	5453	174.06	83	71	18.9	41	2.18	16.57	2.73	6.34
CC 27	2965	5132	172.53	83	69	18.1	38	2.11	15.62	2.76	5.92
CC 33	2879	4866	169.39	81	71	18.7	40	2.12	15.33	2.55	6.58
CC 35	3181	5200	164.38	79	73	18.7	44	2.37	16.83	2.78	6.41
CC 37	2931	4735	160.04	77	69	18.5	40	2.17	15.55	2.73	6.01
CC 67	2729	4584	166.75	80	69	17.8	39	2.18	15.27	2.89	5.51
CC 700	2959	5139	172.93	83	66	17.7	37	2.10	14.46	3.01	5.11
GF 318	3098	5161	165.92	80	69	18.5	40	2.19	15.49	2.90	5.66
GL 309	3093	5228	168.41	81	70	18.5	40	2.18	14.89	3.02	5.28
GL 394	3241	5286	162.07	78	72	19.6	41	2.09	16.74	2.39	7.55
GL 395	2781	4627	165.54	80	68	18.0	41	2.28	13.73	3.20	4.57
GL 398	3132	5301	170.35	82	73	19.5	41	2.11	17.13	2.93	6.21
K 326	3094	5256	169.04	81	69	17.9	37	2.09	16.53	2.78	6.22
K 346	2818	4557	162.98	78	68	18.0	39	2.18	14.15	2.91	5.18
K 730	2880	4757	165.67	80	68	18.0	38	2.12	16.26	2.82	6.01
NC 196	3293	5644	171.41	82	70	19.0	41	2.17	15.49	2.73	5.96
NC 299	2997	5053	168.81	81	71	18.6	38	2.07	15.64	2.92	5.53
NC 606	2837	4715	167.07	80	69	17.6	40	2.29	16.02	2.88	5.88
NC 71	3069	5075	166.43	80	69	17.9	37	2.08	15.82	3.03	5.49
NC 925	3133	4928	157.68	76	70	18.3	39	2.11	16.10	2.81	6.07
NC 938	3109	5061	162.07	78	69	18.2	41	2.24	13.58	2.81	5.05
PVH 1452	2813	4835	170.63	82	68	18.7	40	2.12	14.51	2.96	5.26
PVH 1600	2928	4834	166.65	80	70	18.8	40	2.12	14.23	2.93	5.11
PVH 1920	3007	4921	163.64	79	69	18.7	39	2.11	14.53	2.89	5.24
PVH 2110	2948	5013	169.15	81	73	19.5	41	2.09	14.68	2.60	5.98
PVH 2254	3093	5050	163.69	79	70	18.9	42	2.21	15.12	2.73	5.92
PVH 2275	2691	4473	165.33	80	70	18.2	40	2.19	14.35	2.88	5.43
PVH 2310	2803	4902	174.39	84	68	18.5	40	2.18	13.74	2.71	5.23
Test Avg	2983	4994	167.28	80	70	18.4	40	2.16	15.23	2.84	5.71