

TOBACCO

Tifton, Georgia:

Official Flue-Cured Tobacco Variety Test - Yield, Value, Price Index, Grade Index, and Agronomic and Chemical Characteristics of Released Varieties, 2010

Variety	Yield lb/A	Value \$/A	Price Index ¹ \$/CWT	Grade Index ²	Leaves/ Plant number	Plant Ht. in	Days to Flower	Total Alkaloids %	Reducing Sugars %	Ratio RS/TA
GF 318	3163	4843	153	75	20	43.5	77	3.03	17.0	5.62
PVH 1452	3097	4801	155	76	19	38.7	74	2.58	14.3	5.55
CC 37	3056	4391	144	72	19	40.8	78	2.39	14.9	6.25
NC 471	2990	4747	159	78	21	41.5	77	2.28	14.7	6.45
NC 72	2907	4399	153	75	19	38.9	75	2.60	14.3	5.49
CC 27	2900	3998	138	70	21	40.0	76	2.15	14.5	6.77
Speight 227	2885	4310	150	74	18	35.5	ND ³	3.07	13.8	4.48
Speight 236	2817	4080	145	73	19	38.2	70	3.18	16.0	5.03
GL 338	2813	4259	151	74	18	38.3	68	2.70	15.1	5.58
NC 196	2786	4540	162	79	20	40.5	81	2.18	16.4	7.51
Speight 168	2779	4201	153	75	18	36.0	75	2.58	14.9	5.79
NC 92	2715	3809	140	72	19	40.1	75	2.35	14.5	6.20
K 326	2708	3863	142	70	20	36.6	81	2.94	15.0	5.09
NC 291	2708	3889	143	72	18	34.1	78	2.60	14.9	5.72
CC 700	2706	3974	147	73	19	37.9	78	2.72	16.6	6.08
PVH 1596	2669	4207	158	77	19	38.3	74	2.19	17.0	7.73
GL 368	2630	4169	158	77	17	37.8	72	2.99	15.8	5.29
NC 71	2555	3858	151	75	19	34.1	76	2.38	15.4	6.47
K 399	2552	4014	158	78	19	34.5	80	2.30	17.5	7.63
K 346	2501	3891	155	78	18	37.9	72	2.43	14.3	5.87
CC 67	2467	3574	144	72	18	35.4	77	2.32	15.9	6.86
Speight 225	2460	3866	157	77	18	38.0	78	2.55	15.0	5.89
NC 297	2433	3611	148	73	19	37.0	77	2.33	16.0	6.89
NC 2326	2402	3612	150	75	18	38.0	67	2.47	11.8	4.79
NC 299	2387	3682	154	75	19	36.7	82	2.16	15.3	7.11
PVH 2277	2334	3771	162	78	18	34.7	78	2.55	17.9	7.02
GF 52	2302	3743	162	80	17	36.9	77	2.67	14.3	5.33
NC 95	2178	2996	138	68	19	40.4	82	2.69	16.0	5.97
LSD @ 0.05	632.7	1026.3	12.2	5.1						

Conducted on an Ocilla loamy sand soil fertilized with 1100 lbs/a of 6-6-18 and 163 lbs/a 15.5-0-0 with plants spaced 20-22 inches apart in 44-inch rows.

1. Price Index based on two year average (2008-2009) prices for U.S. government grades.
2. Numerical values ranging from 1-99 for flue-cured tobacco based on equivalent government grades - higher the number, higher the grade.
3. No Data; this entry was chemically topped with sucker control materials.

Researched by Stevan S. LaHue and C.E. Troxell supported by grants from the Georgia Tobacco Commission.

Tifton, Georgia: Three and Two -Year Averages of Official Flue-Cured Tobacco Variety Tests - Comparison of Released Varieties for Certain Characteristics, 2007, 2008 and 2010

Variety	Yield	Value	Price Index ¹	Grade Index ²	Leaves/Plant	Plant Ht.	Days to Flower	Total Alkaloids	Reducing Sugars	Ratio RS/TA
	lb/A	\$/A	\$/CWT		number	in		%	%	
Three-Year Average 2007, 2008 and 2010										
K 326	3345	4674	139	73	20	38	76	2.68	16.3	5.36
CC 27	3336	4331	131	70	21	39	72	2.51	15.3	6.12
Speight 227	3334	4517	135	71	20	38	72	2.81	14.8	5.33
CC 37	3315	4259	129	68	18	39	76	2.82	13.9	5.02
NC 196	3218	4614	143	75	21	40	76	2.38	16.4	7.04
Speight 236	3180	4513	142	74	20	39	74	3.05	15.3	5.04
NC 297	3166	4468	141	72	20	38	73	2.42	16.8	6.96
NC 71	3162	4460	139	72	20	36	73	2.74	14.7	5.46
Speight 168	3133	4361	140	73	19	37	74	2.62	15.7	6.00
NC 291	3093	3994	128	69	19	36	74	2.93	14.8	5.14
NC 72	3087	4183	134	70	20	37	72	3.06	14.3	4.70
CC 700	3044	4221	137	73	20	36	73	2.84	15.1	5.39
Speight 225	2978	4008	134	70	19	37	72	2.69	14.1	5.30
NC 95	2909	3365	118	65	19	40	73	3.31	15.0	4.66
K 346	2889	4117	140	74	21	35	71	2.91	13.2	4.72
NC 299	2877	4128	144	74	20	37	76	2.51	16.8	6.74
NC 2326	2466	2795	114	62	17	37	65	3.55	12.8	3.80
Two-Year Average 2008 and 2010										
Speight 227	3413	5161	151	74	20	38	73	2.79	15.0	5.49
NC71	3367	5045	150	74	20	36	74	2.59	15.3	5.98
NC 196	3334	5114	155	77	21	41	78	2.11	16.2	7.70
NC 72	3279	4887	150	74	22	39	74	2.97	13.7	4.70
K 326	3271	4893	149	72	22	40	81	2.78	15.8	4.50
CC 37	3251	4434	137	68	17	41	78	2.75	14.1	5.22
CC 27	3248	4497	139	71	22	40	74	2.37	14.7	6.23
NC 92	3236	4793	147	73	20	40	76	2.68	15.7	5.90
Speight 168	3198	4695	149	73	19	38	75	2.62	15.0	5.74
GF 52	3194	4782	153	76	19	39	76	2.85	14.5	5.12
NC 297	3157	4798	151	74	21	39	75	2.47	15.9	6.44
Speight 236	3150	4730	149	74	21	40	75	2.99	15.7	5.27
CC 700	3068	4579	148	74	20	38	76	2.66	15.7	5.94
K 346	3019	4677	154	76	22	36	75	2.52	13.7	5.44
Speight 225	3000	4638	155	76	19	39	74	2.60	14.7	5.65
NC 299	2847	4388	154	74	20	38	79	2.42	16.4	6.80
NC 95	2750	3578	131	67	19	39	76	3.22	14.7	4.73
NC 2326	2533	3054	121	63	18	38	67	3.51	11.9	3.70

Conducted on an Ocilla loamy sand soil fertilized with 1100 lbs/a of 6-6-18 and 163 lbs/a 15.5-0-0 with plants

1. Price Index based on two year average (2008-2009) prices for U.S. government grades.
2. Numerical values ranging from 1-99 for flue-cured tobacco based on equivalent government grades - higher

Researched by Stevan S. LaHue and C.E. Troxell supported by grants from the Georgia Tobacco Commission.

Tifton, Georgia: Regional Farm Flue-Cured Tobacco Variety Test - Comparison of Released Varieties for Certain Characteristics, 2010

Variety	Yield lb/A	Value \$/A	Price Index ¹ \$/CWT	Grade Index ²	Leaves/ Plant number	Plant Ht. in	Days to Flower	Total Alkaloids %	Reducing Sugars %	Ratio RS/TA
NC EX 24	2947	4600	155.3	76	20	39.8	ND ³	3.43	12.6	3.66
ULT 142	2887	4401	152.3	75	20	39.1	74	2.81	14.4	5.14
NC 95	2860	3739	132	65	21	43.3	72	2.83	14.2	5.00
NC EX 25	2848	4044	141.2	69	20	37.1	78	2.38	12.1	5.07
CC 304	2771	4040	145.9	71	19	39.8	74	2.77	11.8	4.26
XP 275	2769	4070	145.7	72	22	43.5	75	2.18	16.8	7.72
GLEX 328	2753	4048	146.7	72	20	39.3	79	2.92	15.7	5.37
ULT 112	2749	4173	151.3	74	21	40.7	79	1.90	18.5	9.73
NC EX 10	2719	4065	149.5	73	20	39.5	76	2.48	16.8	6.75
XP 248	2694	4186	155	75	20	43.9	81	2.89	13.4	4.63
CU 110	2678	3987	145.9	71	21	40.7	73	3.00	15.7	5.23
CU 75	2658	3714	138.9	67	19	39.7	74	2.35	12.4	5.28
AOV 911	2595	3869	149.5	72	20	39.9	ND ³	2.64	17.7	6.72
GL 395	2508	3689	145.2	70	20	41.0	73	2.09	18.3	8.77
NC 2326	1962	2589	133.1	63	17	36.3	72	2.48	13.6	5.50
LSD @ 0.05	365.3	714.6	13.53	6.68						

Conducted on an Ocilla loamy sand soil fertilized with 1100 lbs/a of 6-6-18 and 163 lbs/a 15.5-0-0 with plants spaced 20-22 inches apart in 44-inch rows.

1. Price Index based on two year average (2008-2009) prices for U.S. government grades.
2. Numerical values ranging from 1-99 for flue-cured tobacco based on equivalent government grades - higher the number, higher the grade.
3. No Data; this entry was chemically topped with sucker control materials.

Researched by Stevan S. LaHue and C.E. Troxell supported by grants from the Georgia Tobacco Commission.