

Resistance of several flue-cured tobacco varieties to black shank, Granville wilt, root knot nematode, and tobacco mosaic virus.

Variety	Black Shank			Granville Wilt			RKN _a	TMV _e
	% Survival _a	Disease Index _b	Resistance _c	% Survival _a	Disease Index _b	Resistance _c		
CC 13	57.43	22.74	M	41.95	24.78	M	R	S
CC 27	38.86	37.18	L	48.83	29.76	M	R	R
CC 33	71.32	14.87	H	40.67	32.99	M	R	S
CC 35	81.71	34.26	M	12.36	41.84	L	R	S
CC 37	39.08	24.10	M	66.87	19.83	M	R	R
CC 67	59.51	23.51	M	53.08	26.18	M	R	R
CC 143	55.58	6.94	H	46.07	28.91	M	R	R
CC 144	84.34	2.69	H	54.17	13.66	H	S	S
CC 145	90.61	2.47	H	35.00	14.95	H	S	S
CC 700	67.44	18.42	M	35.59	34.53	M	R	S
CC 1063	91.88	3.24	H	53.13	27.33	M	R	S
GF 318	60.32	19.17	M	41.32	33.23	M	R	R
GL 26H	53.22	16.10	M	41.79	26.09	M	R	R
GL 365	93.73	2.03	H	78.26	6.82	H	R	S
GL 395	67.06	16.53	H	44.86	32.90	M	R	S
GL 976	46.54	18.64	M	11.29	44.34	L	R	R
K 326	37.03	34.97	L	24.06	39.95	L	R	S
K 346	85.37	7.79	H	49.10	30.44	M	R	S
NC 71	43.52	32.49	M	27.27	39.42	L	R	S
NC 72	56.81	19.22	M	34.09	37.69	L	R	S
NC 95	43.43	25.32	M	44.35	24.82	M	R	S
NC 196	72.95	14.80	H	39.86	38.32	L	R	S
NC 297	36.78	43.76	L	55.07	19.71	M	R	R
NC 299	46.57	26.89	M	46.05	29.64	M	R	S
NC 606	77.33	9.23	H	67.38	17.13	H	R	S
NC 925	92.38	3.75	H	41.98	34.64	M	R	S
NC 938	86.90	7.29	H	50.59	29.53	M	R	S
NC 940	74.01	18.54	M	53.03	26.36	M	R	S
NC 970	68.37	11.70	H	4.40	56.94	L	R	S
NC 971	93.27	2.04	H	26.68	38.13	L	R	S
NC 972	90.31	3.24	H	5.94	53.77	L	R	S
NC 1226	98.55	0.52	H	12.25	40.68	L	R	S

PVH 1015	64.18	17.02	M	41.94	30.42	M	R	S
PVH 1452	66.41	15.63	H	52.75	25.50	M	R	S
PVH 1600	64.34	21.22	M	21.22	47.47	L	R	S
PVH 1610	59.77	14.12	M	25.50	35.47	L	R	R
PVH 1920	78.25	6.49	H	52.96	28.62	M	R	S
PVH 2110	49.69	26.96	M	35.26	38.34	L	R	S
PVH 2254	49.58	21.68	M	43.32	34.96	L	R	R
PVH 2275	7.31	58.57	L	48.11	30.66	L	R	R
PVH 2310	29.80	38.17	L	37.05	30.04	L	R	R
PVH 2343	41.87	25.58	M	19.85	38.29	L	R	R
PVH 2408	9.81	56.61	L	70.44	11.94	H	R	R

^a% Survival ratings are the percent survival based on the observed percent of healthy plants across three years of data collection in fields heavily infested with disease. High ratings equate to a higher level of resistance.

^bDisease Index ratings are the average disease index across 3 years of data and several growing regions heavily infested with disease. The lower the disease index rating, the higher the level of resistance in a given variety.

^cDisease Resistance Ratings are generated from index and percent survival ratings based on range values. Low resistance (L) indicates varieties with high disease index and low percent survival. Moderate resistance (M) indicates varieties with moderate disease index and moderate percent survival. High resistance (H) indicates varieties with low disease index and high percent survival.

^dVarieties with resistance to root knot nematode = R, susceptible varieties = S

^eVarieties with resistance to Tobacco Mosaic Virus = R, susceptible varieties = S