

# Bacterial Wilt Resistance Ratings for 2010 Flue-Cured Tobacco Production Guide

		% Survival	2010		2010 NCSU
		2007-2009*	Cultivar	BW-Yield Index**	Resistance Evaluation***
CC 13	NC 810	92	<b>CC 27</b>	96	83
CC 15	SP 220	92	<b>CC 37</b>	94	.
CC 27	SP 227	92	<b>SP 227</b>	93	90
CC 33	NC 471	88	<b>NC 810</b>	90	87
CC 35	CC 27	86	<b>SP 220</b>	90	87
CC 37	CC 37	86	<b>PVH 1452</b>	86	.
CC 65	SP 225	84	<b>NC 196</b>	83	83
CC 67	<b>PVH 1452</b>	83	<b>K 149</b>	80	87
CC 75	K 149	82	<b>NC 471</b>	78	84
CC 455	SP H20	82	<b>SP 234</b>	78	88
CC 700	NC 606	81	<b>NC 606</b>	77	84
GF 52	SP 234	81	<b>NC 72</b>	76	77
GF 318	K 346	79	<b>SP 168</b>	76	85
GL 939	SP 210	79	<b>SP 225</b>	76	96
K 149	SP 236	79	<b>SP H20</b>	76	83
<b>K 326</b>	SP NF3	79	<b>K 346</b>	75	81
K 346	SP 168	78	<b>SP 210</b>	74	87
K 394	NC 196	76	<b>SP NF3</b>	73	84
K 399	NC 72	70	<b>CC 700</b>	72	78
NC 102	CC 700	69	<b>NC 297</b>	71	77
NC 196	GF 52	68	<b>NC 299</b>	71	77
NC 291	NC 297	68	<b>SP 236</b>	70	86
NC 297	NC 299	68	<b>CC 13</b>	69	80
NC 299	RG 17	67	<b>CC 33</b>	69	.
NC 471	CC 13	66	<b>CC 67</b>	69	.
NC 606	<b>CC 33</b>	66	<b>PVH 1118</b>	69	80
NC 71	<b>CC 67</b>	66	<b>NC 71</b>	68	69
NC 72	PVH 1118	66	<b>NC 291</b>	67	68
NC 92	NC 71	65	<b>RG 17</b>	66	72
NC 810	RG H4	65	<b>K 326</b>	65	71
PVH 1118	NC 102	63	<b>NC 102</b>	65	76
PVH 1452	RG H51	63	<b>RG H4</b>	65	76
PVH 1596	NC 291	62	<b>RG H51</b>	64	67
PVH 2110	NC 92	62	<b>PVH 2110</b>	58	74
RG 17	GF 318	61	<b>GL 939</b>	57	83
RG H4	<b>K 326</b>	61	<b>K 399</b>	56	<b>74</b>
RG H51	K 399	60	<b>CC 35</b>	41	56
SP 168	GL 939	59	<b>K 394</b>	21	58
SP 210	PVH 1596	58			
SP 220	PVH 2110	56			
SP 225	CC 15	52			
SP 227	CC 75	42			
SP 234	CC 65	40			
SP 236	CC 35	37			
SP H20	K 394	21			
SP NF3	CC 455	14			

\*Average plant survival from field tests conducted in NC & SC from 2007-2009.

\*\*Cultivar yield relative to average yield in variety tests weighted by survival of that cultivar in bacterial wilt trials.

\*\*\*Adapted from Granville wilt resistance ratings in NCSU Flue-Cured Tobacco Guide - 2010