

MEMO

To: Agents in Tobacco Growing Counties
From: Paul Denton
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Date: 3/10/06
Re: UT Recommended Burley Varieties - 2006

Below is the revised UT Recommended Burley Variety list for 2006.

Changes from 2005 are:

NC 3 was dropped from the black shank susceptible list. It is still a good, high yielding variety, but there are other choices in the same maturity group which offer more disease resistance and/or equally high yield and quality, such as **NC 5** and **KT 204 LC**.

Hybrid 403 was returned to the black shank susceptible list, but it is only recommended if screened seed are available. Growers should check with their seed supplier.

NC 5 was added to the black shank resistant list. This variety has been available for several years now, and has been shown to be a consistent moderately high yielding variety of good quality. **NC 5** has equivalent resistance to Race 1 black shank with **TN 90 LC** and **TN 97 LC**, and is immune to race 0.

NC 2002 was added to the black shank susceptible group, and **NC 2000** was dropped. This change was made because 2002 is an earlier maturing variety than 2000, with a little higher yield potential. **NC 2002** is recommended only if adequate chemical blue mold control is not feasible, there is no black shank present, and there is low black root rot pressure. It should be used only in black shank free conditions where a good rotation for control of black root rot is followed.

UT Recommended Burley Tobacco Varieties - 2006

Variety	Disease Resistance Rating								Relative Maturity	Stalk Size
	Yield ¹	Black Shank ² Race 0 Race 1		Black Root Rot	Fusarium wilt ²	TMV ³	TVMV	TEV		
Black Shank Susceptible										
MS KY 14 x L8	7	10	0	Med.	6	High	None	None	Early	Small
NC BH 129	7	1	1	High	1	High	None	None	Med – Ear.	Large
N 126	8	0	0	Med.	3	High	None	None	Med.	Med.
R 7-12	8	0	0	High	4	High	None	None	Late	Med.
Hybrid 403	9	0	0	High	6	High	None	None	Med - Late	Med.
HB 04P	9	0	0	High	0	High	None	None	Med.	Med.
NC 2002*	3	0	0	Low	0	High	None	None	Late	Med.
Black Shank Resistant										
TN 86 LC	7	4	4	High	0	None	High	Med.	Late	Med.
TN 90 LC	5	4	4	High	0	High	High	Med.	Med.- Late	Small
TN 97 LC	6	4	4	High	0	High	High	Med.	Med - Late	Med.
NC 5	7	10	4	High	0	High	High	Med.	Med.–Late	Med.
KT 204 LC	9	7	7	High	1	High	High	Med.	Med - Late	Med.
<p>1Rating of 1 – 10, with 10 being highest.</p> <p>2 Scale of 0 – 10, with 10 being greatest resistance</p> <p>3 TMV = Tobacco Mosaic Virus; TVMV = Tobacco Vein Mottling Virus; TEV = Tobacco Etch Virus; all varieties susceptible to PVY</p> <p>** NC 2002 is blue mold resistant, but susceptible to black root rot and virus diseases. Recommended only in situations of severe blue mold where adequate chemical control is not feasible , black shank is not present and black root rot is not a problem..</p>										