Flue-Cured Tobacco: Outlook and Situation January 20, 2010

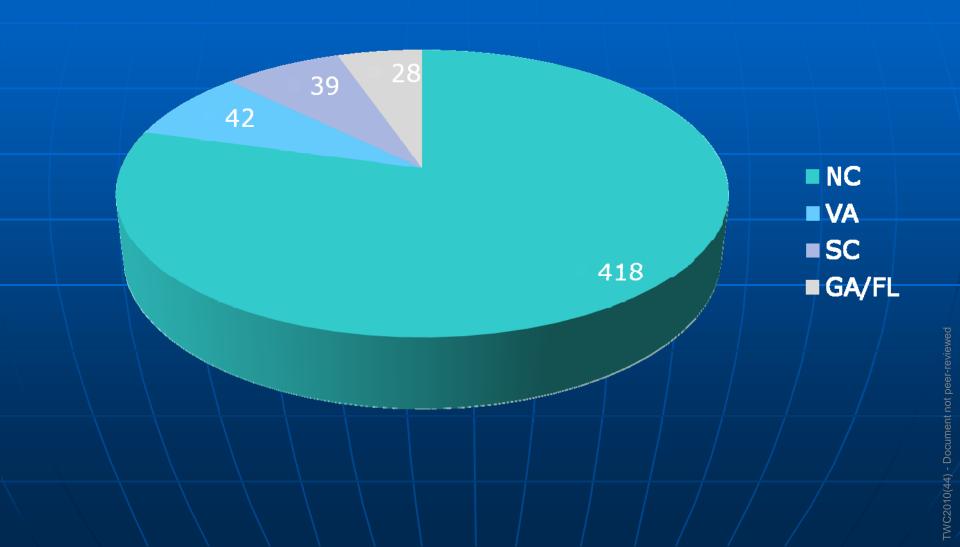
Blake Brown Hugh C. Kiger Professor Agricultural & Resource Economics College of Agriculture & Life Sciences NC STATE UNIVERSITY

Flue-Cured Production: (million pounds)

	2005	2006	2007	2008	2009
US ¹	380	447	504	499	526
NC ¹	272	324	377	385	418
Brazil ²	1,529	1,393	1,377	1,399	1340

¹ USDA-NASS² Universal Corp. Crop Reports

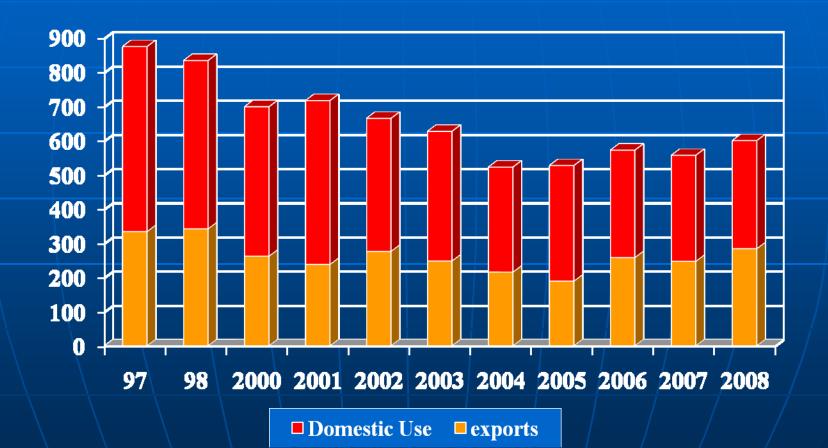
Flue-Cured Production by State (million pounds)



Input Costs

Energy prices may increase slowly, but remain relatively low Curing costs remain relatively low Nitrogen prices remain relatively low Phosphate remains reasonable Potash supplies continue tight Labor Continued availability • H-2A: available but at what wage?

Flue-Cured Domestic Use and Exports





2009 \$1.75 - \$1.80 2010 Same as 2009?

Flue-Cured Volume 2010

Few Contracts announced Reductions in PMI contracts Some reduction expected from domestic buyers? JTI presence...net increase or just a shift in buying? Overall some reduction...can 2010 support a 500 million lb crop?

FDA Issues

Make up and tenor of Scientific Advisory Committee
Hurdles for new tobacco products and modified risk tobacco products
Tobacco product standards
Timeline for implementation?

Domestic Demand for Flue-Cured Tobacco

- Demand lower due to:
 - Lower cigarette consumption
 - Less tobacco used per cigarette
- Have manufacturers
 - Over compensated for FDA Impact?
 - Under compensated?
 - Correctly anticipated?

Export Demand

Developed countries continue on steady downward consumption trend?

- Or are there significant shifts in demand?
- Exchange rates

Issues for Flue-Cured Growers

Will I have a contract? Will my volume be reduced? How secure is my contract? Should I invest in new curing infrastructure...wait and see...or just use up my current equipment and quit?