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CASWELL TOBACCO EXTENSION NOTES

Winter-January 2016 Season

Hello again,

Sitting here and reflecting back on some of the things that growers encounter this year, I would like to share with each of you some research information that I have learned from the tobacco meetings with our North Carolina State University Extension Specialists. Please feel free to continue contacting our office for research-based information at 336-694-4158 or on my cell phone at 434-728-5980. Hope this information will be of value to you in your decisions for planning next years' crop.

GAP Program for 2016

The GAP Program will remain unchanged in 2016 with production updates by our NCSU Tobacco Extension Specialists and labor training by the Department of Labor. We have planned this annual tobacco meeting at the Caswell County Civic Center on Wednesday, January 20, 2016 starting in the morning around 8:30 a.m. We will have biscuits and coffee that morning and lunch will be provided. You will need to bring your GAP Connections Membership cards because NCSU will provide scanners which will help eliminate on-site registration and eliminate giving out certificates. GAP training like this is required each year in order for you to obtain a contract with the companies buying your tobacco. Also, you need to bring your NCDA Pesticide License card so we can scan those for continuing education pesticide re-certification credits. We will give out materials for you to include in your GAP notebooks along with Department of Labor Posters that need to be displayed on your farm for employees. If you plan on attending this meeting, please call out office at 336-694-4158 and register so we can better prepare for the breakfast and lunch meals. There is no cost for the meals or meeting materials. This has been paid by the tobacco companies and other vendors.

Sanitation Of Greenhouse Trays

This past year I had several tobacco growers asking about steaming greenhouse trays in replacement of methyl bromide gas. Tobacco Equipment Companies are known for high quality solutions to meet the needs of farmers. With the end of the availability of methyl bromide gas for float tray fumigation, farmers can now depend on this new float tray steaming system. I have found one commercial steam unit that can handle up to 100 acres per day. For More Information Call or Email: LONG TOBACCO BARN COMPANY, LLC (401 West Hope Lodge Street Tarboro, NC 27886) at 252-641-4796 Fax: 252-641-4797 or Email: info@longtobaccobarn.com. I am sure there are other companies out there. Also, be sure to go to the Southern Farm Show in Raleigh the first week in February, 2016 to look at other options from other companies. If you are interested, I would go ahead and research this and put your order in because of availability, just a note.

2016 Acreage Reporting Dates

In order to comply with FSA program eligibility requirements, all producers are encouraged to visit the Caswell County FSA office to file an accurate crop certification report by the applicable deadline.

The following acreage reporting dates are applicable for Caswell County:

January 2, 2016: Honey

January 15, 2016: Apples, Barley, Blueberries, Grapes, Oats, Peaches, Wheat and all fall seeded small grains

May 15, 2016: Cabbage, Beans, Potatoes

July 15, 2016: Corn, Soybeans, Tobacco, Cotton, Peanuts, Grain Sorghum, CRP, and all other crops and land uses

September 15, 2016: Cabbage PP2, Beans PP2

The following exceptions apply to the above acreage reporting dates:

- If the crop has not been planted by the above acreage reporting date, then the acreage must be reported no later than 15 calendar days after planting is completed.

- If a producer acquires additional acreage after the above acreage reporting date, then the acreage must be reported no later than 30 calendar days after purchase or acquiring the lease. Appropriate documentation must be provided to the county office.
- If a perennial forage crop is reported with the intended use of "cover only," "green manure," "left standing," or "seed," then the acreage must be reported by July 15th.

Noninsured Crop Disaster Assistance Program (NAP) policy holders should note that the acreage reporting date for NAP covered crops is the earlier of the dates listed above or 15 calendar days before grazing or harvesting of the crop begins.

For questions regarding crop certification and crop loss reports, please contact the Caswell County FSA office at 336-694-4162 Ext 2.

Export Promotion Referendum

On Wednesday, January 27, 2016 flue-cured tobacco growers will vote on continuing their support of export promotion and expansion for US flue-cured tobacco by Tobacco Associates, Inc. for the marketing years 2016, 2017, 2018. The polling place for Caswell County will be held at the Caswell County Cooperative Extension Building from 8:00 a.m. to 5:00 p.m. The referendum will include the question of continuance of the authorization of annual assessments not to exceed one-fifth of one cent per pound. Tobacco Associates' programs are specifically designed to: explore and identify new market opportunities, generate awareness of and create interest in US flue-cured, increase familiarity and understanding of US grades and quality characteristics and demonstrate smoke quality advantages and optimum usability to generate purchases. No other organization offers the type or scope of "value-added" promotion/marketing assistance and education to customers and potential new customers; therefore, don't forget to vote on this referendum on January 27, 2016 at our Extension Office.

New Variety Data For Flue-Cured and Burley Types

I've included burley Official Variety Test (OVT) Data Tables 2010-2014 and combined OVT for flue-cured 2015 varieties that should be helpful in this year's variety selection. Three things that I look for when making a variety selection for the upcoming year are: (1) Disease resistance first (especially with all of the Black Shank that we had this year),

(2) Consider agronomic characteristics, such as yield, quality, and holding ability, after you determine the necessary level of disease resistance, and (3) holding ability which means the ability of a variety to maintain its ripeness in the field. Results for burley OVT are included from non-traditional production areas: Rocky Mount, Reidsville and from traditional production areas: Waynesville and Laurel Springs. Information from 2015 will be made available in early 2016.

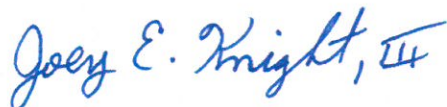
Notice to Tobacco Farmers

I have included a letter from Tommy Bunn, US Tobacco Cooperative Inc., about the deadline for submitting a properly documented redemption application for those flue-cured tobacco growers that delivered tobacco to Flue-Cured Tobacco Cooperative Stabilization Corporation in 1967 through and including 1973.

For more in-depth information for your tobacco enterprise, you can go to the NCSU Tobacco Portal on your computer at www.tobacco.ces.ncsu.edu.

If you have questions concerning your tobacco production, feel free to call me at the office (336-694-4158) or my cell phone (434-728-5980).

Sincerely,



Joey E. Knight, III
Caswell County Extension Director

JEK/scr

Attachments: Letter from Tommy Bunn
New Variety Data for Flue-Cure and Burley Types

Persons with disabilities and persons with limited English proficiency may request accommodations to participate by contacting Joey E. Knight, III County Extension Director at 336-694-4158 (phone) or joey_knight@ncsu.edu (email) or 336-694-5930 (fax), or in person at the Caswell County Extension office at least (5) days prior to the event. Employment and program opportunities are offered to all people regardless of race, color, national origin, sex, age, or disability. North Carolina State University, North Carolina A&T State University, U.S. Department of Agriculture, and local governments cooperating.

NOTICE TO TOBACCO FARMERS
WHO DELIVERED TOBACCO TO
FLUE CURED TOBACCO COOPERATIVE STABILIZATION CORPORATION
IN 1967 THROUGH AND INCLUDING 1973

In the late 1970's for 1967 through and including 1973 crops, Flue Cured Tobacco Cooperative Stabilization Corporation ("Stabilization") issued Certificates of Interest in Capital Reserve to its members who delivered tobacco to Stabilization for any year listed above ("Certificate").

We are pleased to offer to redeem the Certificate of any certificate holder who voluntarily accepts this offer. This is not a mandatory redemption; it is an offer, which may be accepted only at your election. You are under no obligation to accept it, and if you elect not to accept it, you will retain all rights in and to the Certificate, and your Certificate will be subject to redemption in the same manner as if there had been no offer.

Any Certificate holder (including heirs, beneficiaries and/or estate administrators of deceased Certificate holders) who would like to accept this redemption offer should call 1-877-277-7422 for more information. To obtain a redemption application form, you can go to the following website: www.tobaccocheck.com and click on the *Application Form* at the top of the page. You may also request a redemption application form by mail, by sending a self-addressed stamped envelope to:

Certificate Redemption
1304 Annapolis Drive
Raleigh, NC 27608

THE DEADLINE FOR SUBMITTING A PROPERLY DOCUMENTED REDEMPTION APPLICATION IS February 29, 2016. Applications postmarked after February 29, 2016, or faxed or emailed after February 29, 2016 or not properly completed or sufficiently documented by February 29, 2016 will not be processed.

Tommy Bunn
President/Secretary
U.S. Tobacco Cooperative Inc.

FLUE-CURED

Table 3-3. Performance of commercial varieties in the North Carolina Official Variety Test, combined over two locations, 2015.

Variety	Yield (lb/a)	Value (\$/a)	Price (\$/cwt)	Grade Index	Days to Flower	Leaves per Plant	Plant Height (in.)	Leaf Spacing (in.)	Sol. Sug. (%)	Total Alk. (%)	Ratio Sug. To Alk.
CC 1063	2987	5479	182.78	87	75	17.4	41	2.34	16.06	2.88	6.05
CC 13	3017	5400	178.85	85	73	17.6	38	2.17	14.13	3.12	4.76
CC 143	3003	5243	173.13	82	78	18.8	41	2.19	16.07	2.7	6.42
CC 27	3136	5741	182.86	87	75	17.8	37	2.06	16.02	2.83	5.73
CC 33	3007	5408	179.12	84	78	18.2	38	2.08	15.32	2.92	5.55
CC 35	3216	5807	179.92	84	79	18.2	44	2.42	18.5	3.19	5.85
CC 37	3018	5244	170.37	80	73	19	39	2.07	14.83	2.85	5.2
CC 67	2559	4575	178.61	85	74	17.3	38	2.22	13.96	2.91	4.86
CC 700	2980	5467	183.52	87	70	17.8	36	2	13.58	3.37	4.34
CU 144	3419	6151	179.68	85	71	18.4	40	2.19	17.41	2.89	6.24
CU 159	3095	5586	179.67	85	75	18.6	42	2.28	15.63	2.44	6.46
CU 171	3117	5136	165.91	78	69	17.5	36	2.07	15.37	3.04	5.06
CU 185	2825	4983	177.16	84	71	16.7	38	2.29	14.06	2.99	4.95
CU 186	2812	4714	173.31	83	77	18.5	39	2.11	14.88	2.93	5.35
CU 204	2833	4796	171.01	81	68	17.4	35	2	13.43	3.53	3.94
CU 208	2908	5355	184.09	88	72	17.1	38	2.22	14.28	3.75	4.06
GF 318	3337	5578	165.73	80	72	18.7	39	2.12	14.24	2.94	5.4
GL 309	3353	5874	174.19	83	75	18.2	39	2.15	14.95	3.09	5.46
GL 394	3511	6503	184.11	87	81	20.5	42	2.07	16.22	2.48	6.75
GL 395	2963	5485	184.35	88	74	18.3	40	2.22	13.78	3.37	4.37
GL 398	3017	5535	183.24	86	81	19.4	40	2.07	17.6	3.35	5.42
GL 939	2556	4365	169.8	81	75	17.3	37	2.14	14	3.18	4.41
K 326	3040	5476	178.91	84	75	17.3	36	2.07	15.13	3.07	5.18
K 346	2813	5114	182.08	86	76	18.2	40	2.23	12.96	3.01	4.39
K 730	2927	5343	182.21	87	77	18.3	37	2.03	16.78	2.92	6.24
NC 196	3337	6038	181.17	86	76	19.4	42	2.16	14.93	2.8	5.59
NC 297	3099	5587	180.02	85	74	18.2	38	2.08	15.36	2.99	5.63
NC 299	3062	5516	179.87	86	79	19.2	39	2.04	14.74	2.93	5.22
NC 471	2430	4350	179.56	85	71	18	40	2.22	12.6	3.44	3.88
NC 606	2756	4937	178.67	84	75	18.4	42	2.27	16.78	3.1	5.57
NC 71	2987	5121	172.88	82	75	17.9	36	2	15.97	3.24	5.23
NC 925	3316	5800	175.36	83	76	18.4	40	2.18	15.04	2.9	5.75
NC 936	3125	5299	169.66	81	74	19.3	40	2.1	15.35	3.04	5.2
NC 938	3168	5728	180.68	86	74	18.1	40	2.23	16.02	2.68	6.19
NC 940	3432	6241	181.26	85	78	19.1	38	2.01	15.39	3.33	5.32
NC 960	3070	5183	167.73	77	75	18	36	2.03	12.71	3.28	3.94
PVH 1015	2926	5225	177.85	84	73	17.5	39	2.24	16.11	2.83	5.83
PVH 1118	3015	5500	181.97	86	73	18.7	41	2.22	15.82	3.12	5.37
PVH 1452	2789	5032	180.06	85	73	18.8	41	2.17	13.48	3.21	4.3
PVH 1600	2949	5416	183.14	87	75	18.2	38	2.1	14.12	2.8	5.52
PVH 1920	2902	5098	176.53	84	74	19.1	39	2.05	14.57	2.95	5.36
PVH 2110	3212	5659	176.31	83	77	18.2	39	2.15	13.44	3.01	4.57
PVH 2254	3015	5392	177.9	84	76	18.6	41	2.24	14.3	3	5.23
PVH 2275	2734	4799	175.59	84	75	18.2	39	2.16	13.43	3.14	4.51
PVH 2281	3226	5920	183.1	87	80	19.1	38	1.99	14.97	3.15	5.19
PVH 2310	2847	5140	180.68	87	73	18.4	40	2.16	15.85	2.91	5.76
Test Average	3018	5377	177.93	84	75	18.3	39	2.14	15.00	3.03	5.25

BURLEY

Table 1. Performance of Commercial Varieties in the North Carolina Official Variety Test in 2010, 2011, 2012, 2013, and 2014 at Rocky Mount, NC^a.

Variety	2010		2011		2012		2013		2014	
	Yield	Quality ^b	Yield	Quality	Yield	Quality	Yield	Quality	Yield	Quality
	--lbs/A--	Index	--lbs/a--	Index	--lbs/a--	Index	--lbs/a--	Index	--lbs/a--	Index
NC 5 LC	2054	81	2522	66	2150	59	2453	70	2001	69
NC 6 LC	1967	75	2586	68	1957	58	2372	74	1757	67
NC 7 LC	2134	76	2618	72	2108	56	2135	72	1721	68
KT 200 LC	1776	75	2889	70	2213	66	2216	73	1719	67
KT 204 LC	2020	78	2639	64	1937	56	2079	74	1502	69
KT 206 LC	2083	82	2577	70	1866	61	2169	75	1703	73
KT 209 LC	1718	76	2659	70	2017	59	2254	74	1616	67
KT 210 LC	1872	79	2385	72	1937	63	2245	75	1602	73
KT 212 LC	--	--	--	--	--	--	2209	76	1689	70
TN 90 LC	1893	79	2618	73	1737	55	2134	75	1474	69
TN 97 LC	1776	79	2502	66	1843	58	2216	73	1538	71
HB 3307 PLC	2011	79	2707	66	1877	62	--	--	1729	69
HB 4488 PLC	--	--	--	--	--	--	2237	72	1878	70
R 610 LC	1952	80	2557	76	1945	60	2481	74	1827	66
R 630 LC	1959	80	2513	72	1864	62	2311	76	1858	73

^a Blank cell indicates that a variety was not evaluated in the specified growing season

^b Quality is rated on a scale of 0-100, with 100 having the highest quality

Table 2. Performance of Commercial Varieties in the North Carolina Official Variety Test in 2010, 2011, and 2013 at Reidsville, NC^a.

Variety	2010		2011		2013	
	Yield	Quality ^b	Yield	Quality	Yield	Quality
	--lbs/A--	Index	--lbs/a--	Index	--lbs/a--	Index
NC 5 LC	2344	74	2541	79	1879	66
NC 6 LC	2377	77	2293	77	1900	62
NC 7 LC	2303	74	2287	80	1673	66
KT 200 LC	2208	74	1980	76	1734	65
KT 204 LC	2421	74	2420	77	1797	63
KT 206 LC	2220	68	1905	79	1908	64
KT 209 LC	2323	78	1891	79	1801	64
KT 210 LC	2298	76	2202	81	1947	66
KT 212 LC ^c	--	--	--	--	2066	66
TN 90 LC	2300	74	2291	76	1995	66
TN 97 LC	2044	75	2129	77	1920	66
HB 3307 PLC ^d	2204	76	2371	78	--	--
HB 4488 PLC ^c	--	--	--	--	2280	68
R 610 LC	2293	76	2492	78	1929	66
R 630 LC	2033	75	2123	76	2119	65

^a Blank cell indicates that a variety was not evaluated in the specified growing season

^b Quality is rated on a scale of 0-100, with 100 having the highest quality

BURLEY

Table 3. Performance of Commercial Varieties in the North Carolina Official Variety Test in 2010, 2011, 2012, 2014, and 2010-2014 Average at Laurel Springs, NC^{a,d}.

Variety	2010		2011		2012		2014		AVG: 2010-2014	
	Yield —lbs/A—	Quality ^b Index	Yield —lbs/a—	Quality Index	Yield —lbs/a—	Quality Index	Yield —lbs/a—	Quality Index	Yield —lbs/a—	Quality Index
NC 5 LC	3364	78	2987	69	3350	77	2761	68	3116	73
NC 6 LC	3437	78	3198	73	3608	80	2991	72	3309	76
NC 7 LC	3373	77	3103	72	3414	80	3040	69	3233	75
KT 200 LC	3220	74	2890	75	3327	78	2820	68	3065	74
KT 204 LC	3601	78	2934	68	3618	78	3070	67	3306	73
KT 206 LC	3923	78	3232	68	3904	79	3235	75	3574	75
KT 209 LC	3884	76	3035	69	3636	79	2999	71	3389	74
KT 210 LC	3427	78	3008	68	3366	79	2837	67	3160	73
KT 212 LC ^c	—	—	—	—	—	—	2030	66	2030	66
TN 90 LC	3338	76	2293	67	3212	78	2743	72	2897	73
TN 97 LC	3768	78	3004	71	3373	77	3047	72	3298	75
HB 3307 PLC	3639	75	3046	69	3197	77	2999	68	3221	72
HB 4488 PLC ^c	—	—	—	—	—	—	2902	69	2902	69
R 610 LC	3275	78	3109	75	3353	79	2856	72	3149	76
R 630 LC	3342	81	2722	70	3302	77	2720	69	3022	74

^a 2013 results not included due to weather related crop loss

^b Quality is rated on a scale of 0-100, with 100 having the highest quality

^c Results from 2014 only

^d Blank cell indicates that a variety was not evaluated in the specified growing season

Table 4. Performance of Commercial Varieties in the North Carolina Official Variety Test in 2014 at Waynesville, NC.

Variety	2014	
	Yield —lbs/A—	Quality ^a Index
NC 5 LC	3292	79
NC 6 LC	3573	79
NC 7 LC	3454	80
KT 200 LC	3359	79
KT 204 LC	3349	77
KT 206 LC	3544	77
KT 209 LC	3373	77
KT 210 LC	3706	79
KT 212 LC	2777	76
TN 90 LC	3117	78
TN 97 LC	3155	77
HB 3307 PLC	3596	78
HB 4488 PLC	3726	78
R 610 LC	3503	78
R 630 LC	3360	77

^a Quality is rated on a scale of 0-100, with 100 having the highest quality

BURLEY

Table 5. Performance of Commercial Varieties in the North Carolina Official Variety Test from 2010 to 2014^a.

Variety	Yield ---lbs./A---	Quality ^b
NC 5 LC	3,150	74
NC 6 LC	3,361	76
NC 7 LC	3,277	76
KT 200 LC	3,123	75
KT 204 LC	3,314	74
KT 206 LC	3,567	76
KT 209 LC	3,385	74
KT 210 LC	3,269	74
TN 90 LC	2,940	74
TN 97 LC	3,269	75
HB 3307 PLC	3,295	73
R 610 LC	3,219	76
R 630 LC	3,089	75

^a Results pooled from Laurel Springs, NC (2010-2012 and 2014) and Waynesville, NC (2014) for varieties common to all environments.

^b Quality is rated on a scale of 0-100, with 100 having the highest quality