

"Tell me not in mournful numbers,  
Advertising does not pay,  
For the man's non-complaints  
Who would such absurd things say.  
Life is real! Life is earnest!  
And the man who hopes to rise  
To success in any calling,  
Must expect to Advertise."

# GOLD LEAF.

THAD R. MANNING, Publisher.

"CAROLINA, CAROLINA, HEAVEN'S BLESSINGS ATTEND HER."

SUBSCRIPTION \$1.50 cash.

VOL. IX.

HENDERSON, N. C., THURSDAY, JULY 17, 1890.

NO. 30.

North Carolina's Favorite.  
**Old Nick,**  
1 8  
7 0  
6 0  
8 0  
North Carolina's famous brand of  
**PURE OLD WHISKIES**

Have been manufactured on the same plantation for the past  
122 Years. 122  
Rye and Corn Whiskey,  
Peach and Apple Brandy  
ON HAND.

New—1, 2, 3 and 4 years old. Shipped  
in any quantity. Write for price list.  
**Old Nick Whiskey Co.,**  
(Successors to Jos. Williams)  
PANTHER CREEK, Yadkin Co., N. C.



**Richmond & Danville R. R. Co.**  
CONDENSED SCHEDULE,  
IN EFFECT FEBRUARY 16th, 1890.

DAILY.

SOUTHBOUND.	
No. 50.	No. 52.
Ly. Richmond	8:00 p.m.
Ar. Burkeville	9:30 a.m.
Keysville	4:29 a.m.
Danville	5:41 p.m.
Ar. Greensboro	5:08 a.m.
10:27 p.m.	8:05 a.m.
	9:42 a.m.
Ly. Goldsboro	8:29 p.m.
Ar. Raleigh	9:40 p.m.
	9:00 p.m.
Ly. Raleigh	8:45 p.m.
Ar. Durham	9:00 a.m.
Ar. Durham	2:55 a.m.
8:20 p.m.	7:30 a.m.
Ly. Winston-Salem	1:30 p.m.
Ly. Greensboro	8:00 p.m.
Ar. Salisbury	9:30 a.m.
Ar. Statesville	11:18 a.m.
Ar. Statesville	8:49 a.m.
Ar. Asheville	12:09 p.m.
Hot Springs	9:33 a.m.
	6:15 p.m.
Ly. Salisbury	8:32 a.m.
Ar. Charlotte	11:23 a.m.
Spartanburg	2:05 p.m.
Greenville	4:51 p.m.
Atlanta	5:56 a.m.
	9:46 p.m.
Ly. Charlotte	8:29 a.m.
Ar. Columbia	8:00 p.m.
Ar. Augusta	6:30 a.m.
	5:10 p.m.
Ly. Columbia	10:30 p.m.
	9:00 p.m.

DAILY.

NORTHBOUND.	
No. 51.	No. 53.
Ly. Atlanta	6:10 p.m.
Ar. Greenville	8:50 a.m.
Ar. Spartanburg	12:50 p.m.
Ar. Charlotte	3:15 a.m.
Ly. Atlanta	8:00 p.m.
Ar. Greenville	8:10 a.m.
Ar. Spartanburg	1:48 p.m.
Ar. Charlotte	2:30 p.m.
Ar. Salisbury	4:25 a.m.
	2:30 p.m.
Ly. Salisbury	8:32 a.m.
Ar. Charlotte	11:23 a.m.
Spartanburg	2:05 p.m.
Greenville	3:51 p.m.
Atlanta	5:56 a.m.
	9:46 p.m.
Ly. Charlotte	8:29 a.m.
Ar. Columbia	8:00 p.m.
Ar. Augusta	6:30 a.m.
	5:10 p.m.
Ly. Columbia	10:30 p.m.
	9:00 p.m.

DAILY.

STATIONS.	
53 and 103.	
8:00 a.m. Ly. West Point	Ar. 6:00 a.m.
9:40 a.m. Ar. Richmond	7:45 a.m.
11:00 a.m. Ly. Richmond	4:40 p.m.
1:00 p.m. " " " " "	2:45 p.m.
2:05 p.m. " " " " "	2:00 p.m.
2:25 p.m. " " " " "	12:45 p.m.
2:45 p.m. " " " " "	12:47 p.m.
3:06 p.m. " " " " "	12:30 p.m.
3:20 p.m. " " " " "	10:20 p.m.
3:35 p.m. " " " " "	11:55 a.m.
3:50 p.m. " " " " "	11:45 a.m.
3:58 p.m. " " " " "	11:24 a.m.
4:22 p.m. " " " " "	11:15 a.m.
4:45 p.m. " " " " "	10:46 a.m.
5:00 p.m. " " " " "	10:30 a.m.
5:15 p.m. Ar. Oxford	10:00 a.m.
5:45 p.m. Ar. Dalney	8:25 a.m.
5:45 p.m. Ar. Henderson	8:35 a.m.
8:00 p.m. Ly. Oxford	10:00 a.m.
8:45 p.m. Ar. Dalney	8:25 a.m.
8:45 p.m. Ar. Henderson	8:35 a.m.
8:45 p.m. Ly. Oxford	10:46 a.m.
8:45 p.m. Ar. Dalney	10:16 a.m.
8:45 p.m. Ar. Henderson	10:20 a.m.
8:45 p.m. Ly. Lyon's	10:09 a.m.
8:45 p.m. Ar. Holley	9:45 a.m.
8:45 p.m. Ar. Durham	9:45 a.m.
8:45 p.m. Ar. Cary	8:33 a.m.
7:00 p.m. Ar. Raleigh	8:45 a.m.
7:00 p.m. Ar. Goldsboro	10:46 a.m.

Daily except Sunday. \* Daily. \* Daily  
except Monday.

Additional train leaves Oxford daily except Sunday 11:00 a.m., arrive Henderson 12:00 p.m., return leaving Henderson 2:10 p.m. daily except Sunday, arrive Oxford 3:15 p.m.

Nos. 50, leaving Goldsboro 2:20 p.m. and到达 at 3:45 p.m. daily, makes connection at Durham, 4:15 p.m.; arrives at 4:30 p.m. daily, except Sunday for Oxford, H. C. and R. C. and all points on O. & H., O. & C. and R. C. road.

Passenger coaches run through between West Point and Raleigh, via Keysville, on Nos. 32 and 102, and 55 and 103.

Nos. 50 and 51 make close connection at Chapel Hill, except Sundays.

Nos. 50 and 51 connect at Goldsboro with trains to and from Morehead City and Wilmington, and Selma to and from Fayetteville.

Nos. 32 connects at Greensboro for Fayetteville.

Nos. 50 and 51 make close connection at University Station with trains to and from Chapel Hill, except Sundays.

SLEEPING-CAR SERVICE.

On the 1st and 3rd of each month, Buffet Sleeper between Atlanta, Ga., and New York, Danville and Augusta and Greensboro, via Asheville to Morrisville, Tenn.

On the 1st and 3rd of each month, Buffet Sleeper between Washington and New York, Montgomery, and between Washington and Birmingham, Richmond and Greensboro, and between Chapel Hill and Petersburg, and between Washington and Augusta and between Washington and Greenville, and between Washington and Atlanta, via Atlanta, Ga., and Atlanta, Ga.

Buffet Sleepers between Washington and Atlanta, Ga., and Atlanta, Ga.

Three Hotels stand at principal stations to and from Morehead City and Wilmington, and Selma to and from Fayetteville.

For rates, local and through time tables, apply to any agent of the company, or to S. H. HAAS, J. A. L. TAYLOR, Trade Manager.

W. A. TURK, Div. Pass. Agent, Raleigh, N. C.

SHIPPING TOBACCO."

## TOBACCO CULTURE. A VALUABLE AND INTERESTING TREATISE On the Subject of Topping, Priming, Curing and Handling the Weed.

PRIMING AND TOPPING.

Under this head there is a wide difference of opinion. Breaking off the small and inferior leaves of the plant near the ground is called "priming," which operation is done along with the "topping," if done at all. There are advantages for and against priming, and ought never to be permitted to get over two inches long; for if permitted to grow large they abstract much that would otherwise go to perfect a rich, silky leaf. No planter need expect a crop of fine grade who does not pull off the suckers while small, and prevent the horn-worms from riddling the leaves.

CUTTING AND HOUSING.

Do not be in a hurry to begin cutting your tobacco until it is ripe, and enough fully and uniformly ripe to fill a barn. A thin butcher or shoe knife, it is contended by some that by pulling off the lower leaves, which are generally useless, the remaining leaves receive more nutriment and contain more wax, oil and gum, and that the lower leaves harbor worms and make the worming process more tedious.

It is best to wait until a considerable number of plants begin to button for seed before commencing to top. Topping should be the work of experienced and trusty hands—men who can top, leaving any required number of leaves on a plant without counting. The secret of this—no longer a secret to the initiated—is, that the planter soon learns to know that counting the bottom leaf and the leaf that hangs over it in the third tier going upward, make nine leaves, including both top and bottom leaves. Fixing this in his mind, the planter has only to add or deduct from this index leaf marking nine, to leave any desired number of leaves on each plant with certainty and without counting. Young man, if you don't know how, get some old negro to show you. Topping, you will find, is a slow business if you have to count the leaves on all the plants topped. It is contended by some that the "bottom" leaf must be fixed by the eye, looking upward for the leaf in the third tier, which hangs over it, to catch the cue as before. If priming is done don't err in pulling off too many leaves. No regular rule can be given, so the planter must judge for himself. The reason given for waiting until many plants are ready to be topped is mainly that more plants may ripen together and be ready for the knife at the same time. This is an advantage that applies with strong force to all tobacco intended for curing.

Tobacco suitable for brights is best handled in this way, as it is bruised less than if handled by any other mode. Try it, planters, and know for yourselves. Very heavy tobacco will break less, if, after being cut by the mode above, the sticks are placed gently on the ground and the plants allowed to sit before being removed to the barn. But tobacco of medium size bruises less to handle it without wounding. Cutting and housing by this process of cutting the stalks off to hold three coops or piles, on which place tobacco as cut, and after placing twenty-five or thirty sticks of cut tobacco on each coop, drive to the barn to be unloaded for the curing.

The number of leaves to be left on each plant varies according to the time the work is done, early or late, the appearance and prospective development of the plant, the season, whether propitious or unfavorable, strength of the soil and amount of fertilizing material applied. On medium soils, in ordinary seasons, the first topping should be from ten to thirteen leaves—rarely more—for brights. For sweet fillers, for waiting until many plants are ready to be topped is mainly that more plants may ripen together and be ready for the knife at the same time. This is an advantage that applies with strong force to all tobacco intended for curing.

Many devices have been resorted to in order to lessen the number and mitigate the ravages of the horn-worm, but the lack of general and continued efforts from year to year has brought only partial relief. Some years they come in great numbers, and despite the best efforts of the planter, seriously damage his crop. Perhaps the next year they are few, and give him no trouble. It is the nature of this insect to raise at least two broods during the year. The hawk-moth or tobacco fly usually makes its appearance in Virginia in the month of May. The eggs deposited by the first moth hatch out from five to seven days later, and then leave skin twice before it gets its growth. The growing stage of the worm lasts from twenty-five to thirty days, and after it has attained its growth it goes itself a few days longer, and then crawls or burrows into the ground, where it soon passes into the pupa state; and after some twenty-three or twenty-five days from the time of its crawling into the ground the pupa sends forth a moth to lay more eggs and hatch out more worms. Each moth is capable of laying an average of two hundred eggs. So that for every moth in May we may reasonably expect at least one hundred worms of the first brood; and if none of these are destroyed, but all allowed to change to moths, and these latter to raise a horde of worms, what wonder that the second brood sometime appears in such countless numbers as to defy all efforts to destroy them before they have ruined the crop. Every moth ought to be destroyed as they appear; and this may be done to great extent by injecting a few drops of sweetened Cobalt (which is a poison) into the flowers of the Petunia, Honey-suckle or Jamestown (Jimson) weed, which will give them their final quietus. But this hunt for the moth is not general, and if we were some would escape.

SHIPPING TOBACCO."

Dark heavy shipping, and nothing which does not possess size and substance is fit for this grade, may be cured with flies better than in any other way. Smoke from the open wood fire is objectionable, and with the flies you get the heat, which is all that is wanted, without the smoke. Curing with open wood fires belongs to the past, and none but the old Bourbons will continue the old practice, but it remains open until the tobacco has dried off all appearance of the sweat. Right at this point more curings are spoiled than at any other stage of the process. It may be well to remember what is a fact, that at least four curings are spoiled by proceeding too fast, to one failure from going to slow. Now stick a pine here.

But to go back to the barn, where we have just dried the leaf, and where the thermometer indicates a fall of five or ten degrees—but this need not concern the planter to put him out of hope, for a little cooling under the circumstances was necessary—we close up the opening and raise the heat to one hundred degrees. But a skillful planter detects the first indications of sweat, and prevents it by regulating the heat.

Keep the heat at one hundred degrees for four hours, and then advance two and half degrees every two hours,

serving the leaves closely to detect sweating, which will soon reddish and spoil the color, unless driven off. To do this, open the door and let it stand open, and if, after an hour or more, the sweat has not disappeared, open a space between the logs on opposite sides of the barn to let in more air, and permit it to remain open until the tobacco has dried off all appearance of the sweat. Right at this point more curings are spoiled than at any other stage of the process.

This is generally called "sapping." The rationale of the process is this: The heat, by expansion, opens the sap cells and starts the water to the surface, facilitates evaporation and hastens the yellowing process.

This "limbering up" process, of high heat at the start, must be of short duration or else great injury will be done to the tobacco.

Following this mode, the yellowing process is greatly shortened, requiring from four to eight hours less to yellow sufficiently, and also hastens the second stage of curing—fixing the color.

It is well to state that there is so great a difference in the character of tobacco grown in different localities, that no rule can be given for the yellowing process, applicable to all. The tobacco of middle and western North Carolina, will yellow in much less time than that grown in middle Virginia.

Then again, tobacco will bear higher temperature in the yellowing process during some years than in others. Notably the season of 1884, was so dry and held so little sap when ripe, that many commenced yellowing at 100 degrees, and had the leaf cured in 50 hours. But this is exceptional, and for general practice would spoil both color and tobacco.

The season, therefore, it must be borne in mind, greatly determines the amount of heat tobacco will require to be yellowed and cured.

Some of the patented flues are so constructed that the heat is easily controlled, and the tobacco smoked or steamed, or both, as may be necessary in the yellowing stage. Some tobacco will require neither to yellow right, while some other will dry up green or red without yellowing, if smoke or steam is not used to assist the yellowing process.

Smoke and heat will facilitate the yellowing of thin poor tobacco, holding very little sap. Wetting the barn floor from time to time will assist in yellowing tobacco. Then there is an occasional barn of tobacco that defies all the known modes and appliances to yellow or cure bright.