

THE NORTH-CAROLINA STAR.

WILLIAM C. DREW, Editor

NORTH CAROLINA—Powerful in intellectual, moral and physical resources, the land of our sires and home of our affections.

TERMS—Two Dollars in Advance.

VOL. XLIV.

RALEIGH, WEDNESDAY MORNING, AUGUST 10, 1853.

NO. 33.

THE NORTH-CAROLINA STAR.

PUBLISHED EVERY WEDNESDAY BY
WILLIAM C. DREW,
EDITOR AND PROPRIETOR.

It paid strictly in advance, two dollars per annum; two dollars, and fifty cents, if paid within six months; and three dollars, if at the end of the year.

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AGRICULTURAL.

HINTS ON MAKING AND PRESERVING MANURES.

The Germans, Hollanders and Belgians are generally considered the most advanced in the art of making and preserving manures; and therefore it is the part of wisdom to study their practices and profit by the results of their long and successful experience.

Let us suppose a farmer has a few barrels of waste urine, more or less amounting to given value; how can he fix the best fertilizer upon his soil? This is an important question, and one that has given rise to many experiments.

In many places, green vitriol, or sulphate of iron, may be obtained at a cheap rate than any other material. Stockholders say, "Green vitriol (coprolite) dissolves readily in water, acts just as quickly as fresh sulphuric acid; and in one respect, indeed, still more completely, in so far as it possesses the capacity of decomposing and depriving of color the sulphurated gas (sulphuretted hydrogen) which is equally generated in the putrefaction of manure, and occasions the disagreeable stench of rotten eggs."

As to the quantity of copperas that ought to be thrown into a tank of liquid manure, no precise directions can be given, as the farmer uses barely enough to arrest the ammoniacal smell; and when it again appears, a little more of the green vitriol is used as before.

In making compost heaps, some care and skill are needed to prevent that kind of heating called "freezing," in which operation the strength of the manure is thoroughly impaired.

CONDENSED MOISTURE IN UNDER DRAIN. Professor Mapes, in speaking of the advantage of under drains, and how they affect the roots of vegetation by moisture condensed by the atmosphere in dry, hot weather, says: "Whenever the air at noon, on the hottest day in summer, rises to deposit droplets of water on the outside surface of a cold pitcher."

only about half of it, while the phosphoric acid expelled unites with the lime which already has an atom of phosphoric acid to one of lime, forming two of the acid to one of the base or bi-phosphate of lime, which is a soluble salt.

The minerals in manures have much influence in regulating their value. A Saxon farmer has experimented on two marsh plants as fertilizers for many years, and uniformly found one, the "red mace," a valuable manure; whilst the other, a "club rush," was nearly valueless.

To CLASSIFY FINE WOOL.—There are a few old-fashioned houses from which the spinning wheel is not yet entirely abandoned.

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COL. BENTON'S HISTORY.

AND SO THE QUINCY ADAMS PRESIDENT—RETIRED OF MR. MAISON.

Philosophic in his temperament and wise in his conduct, governed in all his actions by reason and judgment, and deeply imbued with Bible images, this virtuous and patriotic man (Whom Mr. Jefferson called "the last of the Romans") had longed for the term of his political existence at the age which the Psalmist assigns for the limit of many life: "The days of our years are three-score years and ten; and if by reason of strength they be fourteen years, yet is their strength, labor and sorrow, for it is soon cut off, and we fly away."

For 100 lbs. of wool, take 4 gallons of urine, and 8 gallons of rain water, mix and heat a little above blood heat, until the skum rises, which skim off. Keep it at the same heat in a kettle on coals or a fire, till the scum is nearly all out, and let it remain about five minutes—take it out on a board that will drain the liquid back into the kettle, or else put it in a basket over a tub, so as not to waste the liquid, for it will be equally good for the last batch as the first.

Another mode is to tie the corks before putting the bottles in the water. The heat expels the air from the bottles.

AN AFFECTING SCENE. Lieutenant Parsons, in his "Nelsonian Reminiscences," relates the following: Richard Bennett, when mortally wounded in one of Nelson's battles, had requested that a miniature and a lock of his hair should be given by Lieutenant P. to his sweetheart Susanna, in Scotland.

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THE BATTLE OF GUILFORD.

It will do trees nor vines any harm and will promote their growth. MANURE FOR TURNIPS.—At the South, cotton seed is esteemed as the best manure in the world for turnips by some planters.

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to obtain office, which, the salivation of the soul does not impose upon the vilest sinner. His fields, his flocks, and his herds yielded a ample supply of domestic productions. A small crop of tobacco—three hogsheads when the crop was good, two when bad—purchased the exotics which comfort and necessity required, and which the farm did not produce.

He was steady in his friendships, and would stake himself for a friend, but would violate no point of public duty to please or oblige him.

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