

Ed. Geo. Little

CAROLINA STATE

H. HILL

# THE ARATOR.



*Agriculture is the great art, which every Government ought to protect, every proprietor of lands to practice, and every inquirer into nature to improve.—JOHNSON.*

DEVOTED TO AGRICULTURE AND ITS KINDRED ARTS.

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## NORTH-CAROLINA ARATOR.

By THOS. J. LEMAY, EDITOR & PROPRIETOR.

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FOR THE ARATOR.

### SAND FOR STIFF CLAY LANDS.

MY DEAR SIR: I have been long endeavoring to improve land, and have learned something from experience, which I am willing to communicate to beginners. I have found that light sandy soil, taken from the woods and spread upon stiff clay land and plowed in, in the fall, then cross-plowed in the Spring before planting, makes it more productive and easier to work, for a longer period of years, than the application of any other substance—proving that it—the sandy soil—should enter largely into the ingredients which we put upon our clay lands, when looking to permanent improvement. It changes the nature of the soil, and makes it not only easier to plow, but more reliable for all sorts of seasons. Farmers of Orange, Alamance, Chatham, and other

counties, where red, stiff lands are abundant, might profit by making liberal trials according to these suggestions. I should be glad to hear from others who have made experiments; and also, as to the effects of turning under green crops. I desire to know what kinds of green crops are best to turn under for the improvement of our red lands; and also the time and manner of doing it. Will not some of your readers give us information on this subject?

I am, one of your constant readers.

P. F.

Oct. 3, 1856.

For the Arator.

### CLAY FOR SANDY LAND.

MR. EDITOR: I have often heard the question asked, What is the best manure for coarse sandy land? I can answer, from experience, *Clay*. When putrescent manures are given to such land, they should always be composted, first, with at least five times as much pure clay. For a permanent improver, it is better by itself, than any vegetable or animal manure alone. There is much sandy soil in this county and State that might be made very valuable by a

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