

TERMS—If sold strictly in advance, \$2 per annum; \$3 50 if paid within six months; and \$5 at the end of the year.

ADVERTISING—\$1 Square (16 lines) first insertion \$1, and 25 cents for each subsequent insertion.

AGRICULTURAL.

From the "North Carolina Gazette," FAIRY HILL, NEAR CHEROKEE, N. C., 20th February, 1852.

My Dear Sir: You desire me to write out some account of an experiment with Guano made by me the past season, with such suggestions as might be serviceable to you in conducting a similar one upon the ensuing crop.

I used a small quantity of Guano (Peruvian) last spring for the first time. To satisfy myself of its value, I applied it, alone and in combination, to almost every production both of the field and garden.

On corn I intend using 1 ounce to the hill; depositing it near the grain—but not in immediate contact with it, as from its highly caustic nature it would probably destroy it.

In a few weeks after the application, the weather being reasonable, the most striking effects were observable; the corn, where the Guano and mixture were used, assumed the dark green color peculiar to the best bottom lands.

The cotton-seed gave better yield than the Guano alone; but when compared with the mixture the result was variant; in one instance the cotton-seed had the advantage.

From the above experiment it would appear that Guano, when used alone, will not repay the planter the cost of its application when corn commands less than 55 cents per bushel.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

Vegetable mould, saw dust, and charcoal, are recommended to be suitable substances with which to compost it; but the latter, however, is perhaps to be preferred to all others, as it is a good absorbent, destitute of any unpleasant odor, and is of itself of some value as a good manure.

Another way in which I intend using it on corn, is to make a solution of it in about the following proportion:—to every pound of Guano, add 10 gallons of water.

On corn I intend using 1 ounce to the hill; depositing it near the grain—but not in immediate contact with it, as from its highly caustic nature it would probably destroy it.

The soil best suited for its growth is a black loam, having a substratum of sand or clay. It grows on almost all kinds of soil; even on the sides of gravelly hills, good crops have been raised, but the latter kind of soil is better for seed than straw.

A practical English farmer gives the following as the result of his experience in Flax-growing: Quantity sown to an acre, 21 bushels. Quantity of seed raised to the acre, 204 bushels.

There is scarcely a garden plant less understood than Asparagus. Many who know and appreciate its great delicacy as a table vegetable, look upon it almost as forbidden fruit.

It has been supposed absolutely necessary to transplant Asparagus, and to have beds trenched and bricked up at the bottom and sides; but any good garden soil that will bring beans or cabbages will bring good Asparagus.

It has been supposed absolutely necessary to transplant Asparagus, and to have beds trenched and bricked up at the bottom and sides; but any good garden soil that will bring beans or cabbages will bring good Asparagus.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

FLAX COTTON.

New-York, March 1st, 1852.

TO THE AGRICULTURISTS AND CAPITALISTS OF THE UNITED STATES:

The subject of Flax Culture in the United States, and its preparation by the Chevalier Claassen process for spinning on cotton and woolen machinery, engages at present a considerable share of attention amongst nearly all classes of the community.

Hitherto we have been dependent on foreign importations for supplies of both the raw and manufactured article. The immense amount of labor expended on Flax, from the time it is sown till it is prepared for spinning on flax machinery, has been such as to preclude the possibility of raising it to advantage in competition with the foreign.

The soil best suited for its growth is a black loam, having a substratum of sand or clay. It grows on almost all kinds of soil; even on the sides of gravelly hills, good crops have been raised, but the latter kind of soil is better for seed than straw.

A practical English farmer gives the following as the result of his experience in Flax-growing: Quantity sown to an acre, 21 bushels. Quantity of seed raised to the acre, 204 bushels.

There is scarcely a garden plant less understood than Asparagus. Many who know and appreciate its great delicacy as a table vegetable, look upon it almost as forbidden fruit.

It has been supposed absolutely necessary to transplant Asparagus, and to have beds trenched and bricked up at the bottom and sides; but any good garden soil that will bring beans or cabbages will bring good Asparagus.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

completely explained to us, we were convinced, as well from their extreme simplicity as from the beauty of emerging principles upon which they were founded, that the object sought would ultimately be most satisfactorily obtained.

The soil best suited for its growth is a black loam, having a substratum of sand or clay. It grows on almost all kinds of soil; even on the sides of gravelly hills, good crops have been raised, but the latter kind of soil is better for seed than straw.

A practical English farmer gives the following as the result of his experience in Flax-growing: Quantity sown to an acre, 21 bushels. Quantity of seed raised to the acre, 204 bushels.

There is scarcely a garden plant less understood than Asparagus. Many who know and appreciate its great delicacy as a table vegetable, look upon it almost as forbidden fruit.

It has been supposed absolutely necessary to transplant Asparagus, and to have beds trenched and bricked up at the bottom and sides; but any good garden soil that will bring beans or cabbages will bring good Asparagus.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

The system of green crops, as for instance, clover, buckwheat and peas, does not afford this. The roots of these plants, especially the first mentioned, strike deep into the earth, and thereby certain elements up to the surface and within reach of the roots of plants such as wheat &c., and only penetrate the surface.

"Having gone through the whole of the steps required to produce the fibre for the linen manufacture, the 'splitting' process was next explained. The Flax having been partially cleaned and boiled, precisely as in the case of the long fibre, it was placed in the first of a series of six vats containing a cold solution of soda and water, in which it remained till fully saturated.

The soil best suited for its growth is a black loam, having a substratum of sand or clay. It grows on almost all kinds of soil; even on the sides of gravelly hills, good crops have been raised, but the latter kind of soil is better for seed than straw.

A practical English farmer gives the following as the result of his experience in Flax-growing: Quantity sown to an acre, 21 bushels. Quantity of seed raised to the acre, 204 bushels.

There is scarcely a garden plant less understood than Asparagus. Many who know and appreciate its great delicacy as a table vegetable, look upon it almost as forbidden fruit.

It has been supposed absolutely necessary to transplant Asparagus, and to have beds trenched and bricked up at the bottom and sides; but any good garden soil that will bring beans or cabbages will bring good Asparagus.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

The system of green crops, as for instance, clover, buckwheat and peas, does not afford this. The roots of these plants, especially the first mentioned, strike deep into the earth, and thereby certain elements up to the surface and within reach of the roots of plants such as wheat &c., and only penetrate the surface.

"Having gone through the whole of the steps required to produce the fibre for the linen manufacture, the 'splitting' process was next explained. The Flax having been partially cleaned and boiled, precisely as in the case of the long fibre, it was placed in the first of a series of six vats containing a cold solution of soda and water, in which it remained till fully saturated.

The soil best suited for its growth is a black loam, having a substratum of sand or clay. It grows on almost all kinds of soil; even on the sides of gravelly hills, good crops have been raised, but the latter kind of soil is better for seed than straw.

A practical English farmer gives the following as the result of his experience in Flax-growing: Quantity sown to an acre, 21 bushels. Quantity of seed raised to the acre, 204 bushels.

There is scarcely a garden plant less understood than Asparagus. Many who know and appreciate its great delicacy as a table vegetable, look upon it almost as forbidden fruit.

It has been supposed absolutely necessary to transplant Asparagus, and to have beds trenched and bricked up at the bottom and sides; but any good garden soil that will bring beans or cabbages will bring good Asparagus.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

used as a manure with it. Sometimes steeped with good effects. There are good kinds, the African and the Persian. The former is valuable on account of the ammonia which it contains, the former an account of its phosphate of lime, and in the more valuable of the two, their results depend upon the season. If that is dry, they are of no apparent use. It is not a manure with which we would probably be satisfied.

The Professor then looked upon the subject of special manuring. It had, he knew, who would elucidate any plant particularly requires, and wish to cultivate that plant, of course we would seek to supply this element. Turnips require lime chiefly. An extraordinary crops then, we would add lime to the soil.

There is scarcely a garden plant less understood than Asparagus. Many who know and appreciate its great delicacy as a table vegetable, look upon it almost as forbidden fruit.

It has been supposed absolutely necessary to transplant Asparagus, and to have beds trenched and bricked up at the bottom and sides; but any good garden soil that will bring beans or cabbages will bring good Asparagus.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

Table with 2 columns: Item and Price. Five tons of Flax Straw, at \$10 500 00. Ingredients employed, Labor and Interest on Capital invested, 60 00. One ton of Flax Cotton, 10c. per lb. 300 00. Profit on 1 ton, 800 00.

In England, where they have in pay at the rate of \$15 to \$20 per ton, the cost of production is only 6c., and the market value of it in the present state is 12c., leaving a profit of 10c. per ton.

I am credibly informed that abundance of Flax Straw can be had in Ohio at 65 per ton. When farmers find it profitable for them to raise Flax on account of the seed alone, and place no value upon the straw, it would be within bounds to base our calculations on obtaining straw for Flax Cotton purposes at 85.

The Scotch plant has been sold for 25-0000 sterling (\$125,000), and from good authority I learn that double that amount has been given for the French point. Mr. E. G. Roberts has sold the right in this country for the States of Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island, New York, and Illinois; and is negotiating with several parties for other States.

Prof. Emmons delivered lectures on Friday and Saturday evenings last. They were interesting, the latter especially so. Of this, considering the important nature of the subject, Agricultural Chemistry, we will endeavor to give a synopsis.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.

Gold. The Professor Emmons has discovered the fossil remains, principally teeth, of a very different variety of the shark, both of the Cape Flax and the New. He observed to the south of one of these animals, found in Bladen, near Elizabeth, which he says must have belonged to a creature measuring in length at least one hundred feet. The teeth of the shark are exceedingly hard, and are intended rather to lacerate and kill than to mangle the victim upon which it preys. It allows its food whole. It is rather a singular fact, that this animal is provided with several rows of teeth. The teeth of one of these rows is fixed, the other inclined inwardly. The former are used in seizing the prey and the bristling surface presented by the latter prevents its escape.

MELANCHOLY OCCURRENCE. A valuable female servant, about 10 years of age, the property of E. D. McNeil, Esq. of this vicinity, was a severely hurt on Sunday morning last, by her dress catching on fire, that she died early on Monday. She was employed in bathing with camphor an aged servant suffering under an attack of rheumatism. Her back being towards the fire, her clothes caught, and the flames had made considerable progress before she discovered her danger. Wild with fright, she fled from the kitchen to the house, by which time she was perfectly enveloped in flames. Mr. McNeil had been induced to return from church before the completion of the service, in consequence of the seeming indisposition of his little son, and did what he could to extinguish the fire, but the servant was so severely burnt that the physicians at once pronounced her recovery hopeless. She lingered through the night, seemingly insensible to pain, and died at about 7 o'clock on Monday morning.

MR. FILLMORE. For a time some fears were entertained by the friends of Mr. Fillmore in the South, that he would not consent for his name to go before the Whig National Convention. A recent article which we copy from the Republic, however, gives us some assurance that he would yield to the earnest solicitations of his friends, and we are happy to state that he has since received information from a source entitled to the utmost confidence, which puts the matter beyond doubt. Mr. Fillmore's name will go before the Convention, and it is the wish of the South are convinced, we believe he will stand almost without a rival in that body.

On cotton land I shall use from 150 to 200 lbs. per acre; deposit it in drill, as is usual with other manures, alone and in combination.