

# AGRICULTURAL.

"Agriculture is the General Pursuit of Man & it is the Basis of all others, and therefore, the most Useful and Honorable."

## MOON'S PHASES.

Full.	16 h.	0 m.	11d.	Evening.
Last Q'r.	15 h.	0 m.	9th.	Evening.
Nov.	14 h.	32 m.	11th.	Morning.
First Q'r.	16 h.	45 m.	12th.	Morning.

Apr.	DAYS.	5.45.	6.22.
3.	Friday.	5.45.	6.22.
4.	Saturday.	5.44.	6.23.
5.	Sunday.	5.42.	6.23.
6.	Monday.	5.41.	6.24.
7.	Tuesday.	5.40.	6.25.
8.	Wednesday.	5.38.	6.25.
9.	Thursday.	5.37.	6.26.

## Stabled Cotton Seed as a Manure for Cotton.

EDITOR SOUTHERN CULTIVATOR:—Just about three years ago, I made a test on a small scale, of stabled cotton seed as a manure for cotton, and promised in my article in your paper about it, that I would give the result in the fall, but neglected to do so. I have now tested them thoroughly for two years, and think I can confidently recommend them to the farmers of the country. The enclosed article on the subject was intended for your paper, but I thought I would send it to the nearest newspaper first.

J. W. CRAWFORD.

Cold Springs, Pickens co., S. C., Feb. 14, '74.  
For two years I have used this manure (almost exclusively) for cotton, applying only fifty to seventy-five pounds of guano per acre, with the planted seed, in bottom land.

Previous to the discovery of this manure, I used guano almost entirely. My success with this manure has given the greatest satisfaction exceeding any guano I have tried, and I have used the best kinds. I will state the results of the use of this manure. I live near the northern limit of the cotton belt—almost under the shade of the Blue Ridge. The lands planted are very old, mostly in sedge 27 years ago, when I came in possession of them. They were originally good for this part of the country, and have been planted in cotton for 20 years, except during the war. The yield of the crop last year from 55 acres was 43 bales, of 420 lbs. This year 40 acres have made 35 bales, of 430 lbs.—These crops were made entirely with this manure, except 75 lbs. of guano to the acre, on half the land (bottom) each year. Had the caterpillar not injured 20 acres of this year's crop, the yield would have been not less than ten bales more, which would have been 45 bales from 40 acres. I feel certain of this yield, as the same land made 1,430 lbs. per acre last year, and only 750 this, which is the better cotton year of the two.

The mode of making and applying this manure is simple and easy, but requires attention. I will state, in the first place, I have four mules and one horse, and do not make any of it during the months of June, July and August, as it would endanger the health of the place.

The mules stand haltered in separate stalls, and in each one I put about 35 bushels of seed right from the gin house. These seed are stirred daily with a manure fork, mixing the excrement thoroughly with the seed; every other day would do, but is better done every day, only requiring about twenty minutes to do it.

I find it requires about twenty days to get them thoroughly mixed with excrement.—At the expiration of this time they are carried out and deposited in an open log house, well covered, and remain till I am ready to put them on the land. Occasionally they should be thrown about in this house to prevent burning, or fire fanging. Burning deteriorates their value and it cannot be obviated, unless a very large shelter is used, or mixed with something else that will prevent the escape of ammonia, which is objectionable, as it increases greatly the labor of hauling and applying.

I apply them by preparing the land just as I would for any other manure, which should be deep and close. I apply about 35 bushels per acre; 20 or 25 is enough for old red land, as they will burn the crop in dry time on this kind of land. On low, moist land, 40 bushels or more would not be too much, but when this quantity is put on, the plough should be run through them after they are deposited in the furrow, mingling the soil with them, so they will not present any mechanical obstruction to the roots of the plant while young and delicate. In fact, this is a good plan with manures, but more particularly where they are abundantly applied. I bed on them, as with other manure. What I claim for this manure is, that it is the only substitute for guano—that is, it is the only manure except guano, that can be extensively used. Of course it can not be hauled and applied as easily and rapidly

as guano, but four mules can haul enough for four or five acres at one load, and three hands can apply them about as fast as one can guano. I use handled baskets in distributing them.

Many farmers say they have not seed enough to make this manure. I reply that I bought no seed for last year's crop or this, but sold over 200 bushels, and had about this much left after planting cotton this year. If 800 or 1000 lbs. of seed cotton are made per acre, it will be sufficient to manure the land.

In conclusion, I will say that those my neighbors who have followed this example, and those who have seen crops, verify all I say about it. If the farmers of the country will carry out this plan as stated, and are not greatly delighted with the results, I shall be sadly disappointed.

The general use of cotton seed applied in this way would ruin every guano company and save millions of dollars to the planters. I hope I am not over sanguine about this matter. I try to be practical.

## TRAVELLERS' GUIDE.

### SOUTH CAROLINA RAILROAD.

CHARLESTON, S. C., Oct. 18, 1872.  
On and after SUNDAY, Oct. 19, the passenger trains on the South Carolina Railroad will run as follows:

#### FOR AUGUSTA.

Leave Charleston - - - 9:00 a m  
Arrive at Augusta - - - 5:00 p m

#### FOR COLUMBIA.

Leave Charleston - - - 9:00 a m  
Arrive at Columbia - - - 5:00 p m

#### FOR CHARLESTON.

Leave Augusta - - - 8:20 a m  
Arrive at Charleston - - - 4:20 p m  
Leave Columbia - - - 8:40 a m  
Arrive at Charleston - - - 4:20 p m

#### AUGUSTA NIGHT EXPRESS.

(Sundays excepted.)

Leave Charleston - - - 8:30 p m  
Arrive at Augusta - - - 7:50 a m  
Leave Augusta - - - 6:00 p m  
Arrive at Charleston - - - 5:40 a m

#### COLUMBIA NIGHT EXPRESS.

(Sundays excepted.)

Leave Charleston - - - 7:10 p m  
Arrive at Columbia - - - 6:30 a m  
Leave Columbia - - - 7:15 p m  
Arrive at Charleston - - - 6:45 a m

#### SUMMERVILLE TRAIN.

Leave Summerville - - - 7:25 a m  
Arrive at Charleston - - - 8:40 a m  
Leave Charleston - - - 3:10 p m  
Arrive at Summerville at - - - 4:30 p m

#### CAMDEN BRANCH.

Leave Camden - - - 6:50 a m  
Arrive at Columbia - - - 11:50 a m  
Leave Columbia - - - 1:50 p m  
Arrive at Camden - - - 3:35 p m

Day and Night Trains connect at Augusta with Macon and Augusta Railroad and Georgia Railroads. This is the quickest and most direct route, and as comfortable and cheap as any other route to Louisville, Cincinnati, Chicago, St. Louis and all other points West and Northwest.

Columbia Night Trains connect with Greenville and Columbia Railroad, and Day and Night Trains connect with Charlotte Road.

Through Tickets on sale, via this route to all points North.

Camden Train connects at Kingville daily (except Sundays) with Day Passenger Train, and runs through to Columbia. A. L. TYLER, Vice-President.  
S. B. Pickens General Ticket Agent.  
Sep 27

## HIGHLY IMPORTANT TO FARMERS AND PLANTERS. AMMONIATED MUCILAGE, FOR

Steeping and Preparing Seeds before Planting.

This preparation, lately introduced to the Agricultural world, appears from recent experiments to surpass all that has ever been attempted in that line. It not only contains all the elements and fit food for the seed in its infant state, which enables it to come up strong and vigorous, but positively claim that no rust, smut or blight can exist where it is applied, and proving a certain preventive against the Potato rot. It dissolves readily, and forms a mucilage by which any material can be made to adhere to the seed. Coal Tar being a very small portion of this valuable compound to prevent the ravages of birds and insects, but so united and prepared as to form a dry powder, which dissolves readily, one pound producing one and a half gallons, or fifteen pounds of mucilage. On every farm there are to be found in abundance valuable materials for rolling seeds in before planting, which should never be neglected. These are rich dry black earth and wood ashes, or lime, and should be mixed in proportions of one part of wood ashes or lime, to three parts of earth. By the aid of the mucilage, much of this material can be made to adhere to each seed, which never fails to show good results. It has been tried on corn, rice, cotton, wheat, potatoes, peas and all the cereals with marked effect, none showing any signs of rust, blight or fungus where it was applied. Put up in one pound Packages at 30 cents per pound, which dissolves and form one and a half gallons of Mucilage, sufficient to roll seed for one acre land. 600 Planters used it last season with remarkable success.

Every Farmer and Planter should use it.  
FOR SALE BY  
**KIRK ROBINSON, Agent.**  
Orangeburg, S. C.  
Feb. 26 3m.

THE OLD DRUG HOUSE REVIVED,  
WITH AN ENTIRE NEW STOCK OF FRESH and CHOICE GOODS,  
**HARRAL & PELZER,**  
WHOLESALE DRUGGISTS.  
167 MEETING STREET, - CHARLESTON, S. C.  
Successors to the Old Established Houses of  
HAVILAND, HARRAL & CO., Charleston.  
HAVILAND, RISLEY & CO., Augusta, Ga.  
HARRAL, RISLEY & KITCHEN, New York.  
1874

LIFE INSURANCE AGENCY!  
Insure your life in the  
**PIEDMONT AND ARLINGTON LIFE INSURANCE CO.**  
Capital, \$2,500,000.  
This is the largest and most prosperous of the Southern companies.  
JAS. H. FOWLES Agent, at Citizen's Savings Bank.

FIRE INSURANCE AGENCY!  
Insure your Dwelling, Store or Stock of Goods in the  
**LIVERPOOL, LONDON AND GLOBE INSURANCE CO**  
Capital, \$20,500,000 in Gold.  
This company paid over three (3) millions at Chicago fire, and over million at recent fire in Boston.  
JAS. H. FOWLES, Agent.

**DR. E. J. OLIVEROS.**  
Manufacturer and Jobber,  
OF  
**Drugs Druggist Sundries Sponges &c.**  
OFFERS FOR SALE A COMPLETE STOCK OF  
**DRUGGEST ARTICLES**  
PROPRIETARY Medicines, Perfumery, Sponges, Corks, Paints, Oils and Garden Seeds.  
ALSO A SUPERIOR ARTICLE OF  
**GREEN AND BLACK TEA.**  
All Orders Promptly and Carefully Executed at  
**DR. E. J. OLIVEROS**  
Drug Store.

**J. E. ADGER & CO.**  
62 EAST BAY, CHARLESTON, S. C.  
AGENTS FOR  
  
The Rotary Harrow which received premium at the Orangeburg Fair. Also, the Collins, Watt, and a large assortment of other Plows, Corn-Shellers, Straw cutters, Collin's Saws, Blanchard Churns, Facubar Sweeps, Shovel Plows, Turn Shovels, Scooters, Bull-Tongues, and Agricultural Implements, generally.  
Send for circular.  
**J. E. ADGER & CO.,**  
38-6m 62 East Bay, Charleston, S. C.


**PANIC PRIECs.**  
GOODS OF ALL KINDS OFFERED  
AT AND BELOW COST;  
At **J. McNAMARA'S,**  
RUSSELL STREET.  
Call and satisfy yourself that I am in earnest.

**REAL ESTATE AGENCY.**  
The undersigned having formed a co-partnership under the name of FOWLES & GLOVER, offer their services to the community, as Agents for the Sale or purchase of Real Estate, and for collection of Rents, &c.  
JAS. H. FOWLES, JULIUS GLOVER, At Citizens' Savings Bank.  
At Law Office of Glover & Glover.  
We offer for sale:  
A new and beautiful residence in Orangeburg, on East side of Railroad, with fine outbuildings, garden, &c.  
ALSO  
ONE Plantation of Five Hundred Acres, on Santee River.  
ALSO,  
A plantation near Fort Motte, 500 acres, with dwelling and out-houses in good condition—water power on the place  
ALSO,  
ALSO, at a Bargain, 340 acres (150 cleared) within 1 mile of Rowe's Bridge 14 miles from Rowe's Pump Depot.  
ALSO  
ONE Building Lot in the town of Orangeburg.  
ALSO  
Lot belonging to Presbyterian Church on Amelia, (New) Street—a desirable building site.  
ALSO  
The Plantation of Daniel Joyner in Fork of Edisto, Good dwelling terms easy.

**HORSES AND MULES,**  
The Best and Cheapest Stock  
Ever Offered on this Market.  
FOR SALE BY  
**BAMBERG & SLATER.**  
BOTH SADDLE AND HARNESS.  
Call and Examine this STOCK for yourselves. Now is the time to buy Cheap Stables in rear of Vose & Izlar's store.

**Cacific Guano Company's.**  
(Capital \$100,000.)  
**SOLUBLE PACIFIC GUANO.**  
THIS Guano is now so well known in all the Southern States, for its remarkable effects as an agency for increasing the products of labor, as not to require special recommendation from us. Its use for eight years past has established its character excellence. The large fixed capital invested by the Company in this trade affords the surest guarantee of the continued excellence of this Guano. The supplies put into market this season are, as heretofore, prepared under the superintendence of Dr. St. Julien Ravenel, Chemist of the Company, at Charleston, S. C. Hence planters may rest assured that its quality and composition is precisely the same as that heretofore sold.  
J. N. ROBSON, Selling Agent, Charleston, S. C.  
JOHN S. REESE & CO., General Agent Baltimore.  
TERMS—\$4.8 cash; \$5.8 time; without interest. To accommodate planters, they can order now and have until 1st of April to decide as to whether they will take at time or cash price. Where delivered from the factory by the car load, no drayage will be charged.  
ACID PHOSPHATE, GUANO, BONE PLASTER, &c. always on hand, quality guaranteed.  
J. N. ROBSON.  
Dec. 25

OFFICE OF  
**GEORGE H. CORNELSON,**  
I WOULD RESPECTFULLY INFORM MY FRIENDS AND THE Public in general that I am receiving and have ready for their inspection now, the MOST ATTRACTIVE, LARGEST and BEST ASSORTED Stock of **FALL GOODS** ever offered in this market. Any one who will take the trouble will readily convince himself of this fact.  
As space will not permit me to enumerate all the different branches, I can only state that all are fully replenished, and I invite every one to call in and examine for himself. Goods shown freely and without charge.  
**GEORGE H. CORNELSON.**  
May 7th, 1873, 12 1y

**TRIUMPHANT!**  
  
**CAROLINA FERTILIZER**  
THE CAROLINA FERTILIZER  
WILL BE SOLD AS FOLLOWS:  
Cash Price—\$50 per Ton of 2,000 lbs.  
Time Price—\$55 per Ton of 2,000 lbs.  
Payable November 1, 1874. Free of Interest. Freight and Drayage to be added. Its Success is UNPARALLELED, and its standard is A No 1  
VOID PHOSPHATE will be Sold as Follows:  
Cash Price—\$33 per Ton of 2,000 lbs.  
Time Price—\$38 per Ton of 2,000 lbs.  
PAYABLE November 1, 1874, Free of Interest. Freight and Drayage to be added.  
FOR SALE BY  
**BULL, SCOVILL & PIKE,**  
ORANGEBURG, S. C.  
**GEO. W. WILLIAMS & CO,**  
General Agents, at Charleston, S. C.  
Jan. 15 '74