

Some Experiences With Hairy Vetch.

"Some experiences with hairy vetch" was the subject of a paper read by P. N. Lott, demonstration agent for Edgefield county, at the recent meeting of the agents at Clemson college.

His paper follows:

There are many things in life that astonish the thinking man. The greatest of all in the industrial world, is that agriculture, the mother of all the sciences, should be treated in such a slipshod way, beginning as it did, and continuing through the ages. The great Creator commanded Adam to till the soil. Cain was a farmer, and we suspect a sorry one; for, what he brought to the Lord must have been very inferior stuff, else the Lord, in love and justice to man would not have rebuked him. This one statement in holy writ leads to conclude that butchery and starvation of the soil are a sin, for again we read in Lev., 25th chapter, that God, from Sinai, commanded Moses to establish a law that land should have a rest every seven years and that nothing must be taken from it during that year.

One of the first of the many things to be considered is soil building. Our record can not be maintained, and advancement attained unless we have a foundation. All, therefore, depends upon the proper care of the soil. Time has struck for abandonment of soil robbery. I believe God knew what he was doing when he made the many hundred leguminous plants, and that they were for a special purpose, namely, to increase the fertility of the earth.

The thinking man always does things that are the most practicable and remunerative, hence our planting the legumes are of the greatest utility. Peas and beans for summer, and vetches and clovers for winter. We all know the value of cow peas and the bean family. But as my subject is winter cover crops and hairy vetch, I shall proceed to give my experience along that line. I consider hairy vetch the greatest annual leguminous plant that we can sow, either by itself or with grain. I have tested vetch stubble with stable manure both on cotton and corn. The cotton yield in seed cotton was about 300 pounds per acre more, and corn about seven bushels more. This was a one year test. My opinion is that it would

increase the yield in succeeding years. In some instances I would estimate in stating that 25 pounds of vetch seed sown to the acre on well inoculated soil is worth more than ten two-horse loads of well trodden stable manure. I am not prepared to state the results of turning while green, 25 pounds of vetch seed and a bushel of rye or wheat per acre, but I am confident that it is greater than stubble, because of the fact that we get a great quantity of green humus which is a very important factor in soil fertility. I prefer vetch and wheat cut for forage. Two to three and one-half tons of dry hay to the acre can be made and gotten out of the land in time for either corn or cotton. If sown the middle of September it can be cut April 20 or May 1. For years my best crops of cotton and corn have been made on vetch stubble—plots that produce \$60 worth of hay per acre and from 1,800 to 2,400 pounds seed cotton and 50 to 60 bushels of corn. It is often inconvenient to sow vetch in all your growing cotton and wherever it cannot be done I would suggest sowing a bushel of rye for green humus. This growing winter crop does not only hold the soil, but catches the escaping nitrogenous gases, and when plowed under returns about \$10 per acre to the fertility of the soil. Wherever the winter cover crops are left off the land deteriorates not less than \$3 and possibly \$5 per acre. As to how I arrived at the above conclusion, the winter covered plot with the same amount of fertilizers produced between \$10 and \$12 more. Where it was not put on I had to use \$3 to \$5 more guano to get the same crop that I did the year before. Now, in conclusion, I would state that if the farmer lived closer to nature, knew more of nature, adopted nature's plan for building and maintaining soil fertility and depended less on commercial fertilizers, we would not only have more money but be happier. If every farmer in South Carolina would dress his farm in a robe of green for winter comfort and food for summer crops, we would not only have the most progressive, but the most beautiful State in the Union.

Game Wardens' Day at the State Fair.

County Wardens will meet at State Fair Auditorium Thursday October 30, according to an announcement made from the Chief Game Wardens office. Mr. A. A. Richardson is making plans for a meeting of the Game Wardens of the State on Thursday of Fair week in Columbia, in the auditorium at the fair grounds.

Hon. Ben F. Taylor, Secretary of the Audubon Society, will speak on that occasion and Attorney General Peoples will speak on the legal side of the game laws of the State. There are several other speakers of State wide prominence invited and will probably make an address at the meeting which is to start at 10 o'clock on the morning of the 30th. This will be the first annual meeting of this kind and Chief Game Warden Richardson hopes this meeting will have the effect of better interpretation and enforcement of the game laws, and that his 65 Game Wardens will after conferring with one another be better fitted for attending to their duties on a higher and better basis.

Yours very truly,
A. A. Richardson,
Chief Game Warden.

A Marvelous Escape.

My little boy had a marvelous escape, writes P. F. Bastians of Prince Albert, Cape of Good Hope. "It occurred in the middle of the night. He got a very severe attack of croup. As luck would have it, I had a large bottle of Chamberlain's cough remedy in the house. After following the directions for an hour and twenty minutes he was through all danger." Sold by all dealers.

Full line of household paints in all colors in cans from half-pints to gallons.
Timmons & Morgan.

Excursion Fares Southern Railway.

Pr. mer Carrier of the South from Edgefield, S. C. Asheville, N. C. and return \$6.60, account Southern Appalachian good roads association, Oct. 22-23, 1913. Tickets on sale Oct. 19, 20, 21 and 22 final limit returning Nov. 3, 1913.

Augusta, Ga. and return \$1.20, Georgia-Carolina Fair, Nov. 5-15 1913. Tickets on sale Nov. 5 to 14 inclusive with final limit returning Nov. 17, 1913.

Augusta, Ga. and return \$1.20, Negro Fair Association, Nov. 18-21, 1913. Tickets on sale Nov. 17 to 20 inclusive with final limit returning Nov. 23, 1913.

Batesburg, S. C., and return \$1.15, account Tri-County Fair Oct. 15-17, 1913. Tickets on sale Oct. 14 to 17 inclusive with final limit returning Oct. 19, 1913.

Chicago, Ill., and return \$30.50, account National Dairy Show Oct. 23-Nov. 1, 1913. Tickets on sale Oct. 26-27 and 28 with final limit returning Nov. 3, 1913.

Knoxville, Tenn., and return \$10.50 account National Conservation Exposition Sept.-Nov. 1, 1913. Tickets on sale Aug. 30 to Nov. 1, 1913 with final limit returning ten days from date of sale not exceeding Nov. 3, 1913. Extensions.

Knoxville, Tenn. and return \$7.20 Account National Conservation Exposition. Tickets sold Tuesdays and Thursdays of each week commencing Sept. 2 and ending Oct. 30, final limit five days from date of sale not exceeding Nov. 3, 1913. Coach Excursion only.

Mobile, Ala. and return \$16.15, account Southern Commercial Congress Oct. 27-29, 1913. Tickets on sale Oct. 24-25 and 26 good returning Nov. 5, 1913. Extensions.

New Orleans, La. and return \$20.35 Unit 3 Daughters of the Confederacy, Oct. 11-15, 1913. Tickets on sale Nov. 8, 9, 10 and 11 final limit Nov. 19, 1913. Extensions.

New York, N. Y. and return \$33.15, World's Woman's Christian Temperance Union, Oct. 23-28, 1913. Tickets on sale Oct. 20, 21 and 22 with final limit returning Nov. 10, 1913.

Nashville, Tenn. and return \$20.65 Southern Educational Association, Oct. 30-Nov. 1, 1913. Tickets on sale Oct. 28 and 29 with final limit returning Nov. 5, 1913.

International Dry Farming Congress and International Soil Products Exposition, Oct. 22-Nov. 1, 1913. Tickets on sale Oct. 18 to 21 inclusive with final limit returning Nov. 6, 1913.

Through Pullman sleeping car service or through trains, dining car service etc. Convenient local train service. For detailed information, call on nearest ticket agent or,

W. E. McGhee, AGPA., Columbia, S. C.
Magruder Dent, DPA., Augusta, Ga.
H. F. Cary, GPA., S. H. Hardwick, PTM., Washington, D. C.

Game Wardens' Day at the State Fair.

County Wardens will meet at State Fair Auditorium Thursday October 30, according to an announcement made from the Chief Game Wardens office. Mr. A. A. Richardson is making plans for a meeting of the Game Wardens of the State on Thursday of Fair week in Columbia, in the auditorium at the fair grounds.

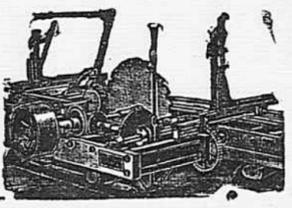
Hon. Ben F. Taylor, Secretary of the Audubon Society, will speak on that occasion and Attorney General Peoples will speak on the legal side of the game laws of the State. There are several other speakers of State wide prominence invited and will probably make an address at the meeting which is to start at 10 o'clock on the morning of the 30th. This will be the first annual meeting of this kind and Chief Game Warden Richardson hopes this meeting will have the effect of better interpretation and enforcement of the game laws, and that his 65 Game Wardens will after conferring with one another be better fitted for attending to their duties on a higher and better basis.

Yours very truly,
A. A. Richardson,
Chief Game Warden.

A Marvelous Escape.

My little boy had a marvelous escape, writes P. F. Bastians of Prince Albert, Cape of Good Hope. "It occurred in the middle of the night. He got a very severe attack of croup. As luck would have it, I had a large bottle of Chamberlain's cough remedy in the house. After following the directions for an hour and twenty minutes he was through all danger." Sold by all dealers.

Full line of household paints in all colors in cans from half-pints to gallons.
Timmons & Morgan.



Light Saw, Lathe and Shingle Mills, Engines, Boilers, Supplies and repairs, Portable, Steam and Gasoline Engines, Saw Teeth, Files, Belts and Pipes. WOOD SAWS and SPLITTERS
Gins and Press Repairs.

Try LOMBARD,
AUGUSTA, GA.

Lumber For Sale.

My saw mill is located five miles north of Edgefield in a fine body of native forest pine Bills for sawing solicited. Will deliver lumber in Edgefield. Price reasonable.

R. T. Hill.



HOTEL ANSLEY
ATLANTA, GA.
Open June 30, 1913

The South's finest and most modern hotel. Fireproof. 306 rooms. Rooms with running water and private toilet \$1.00 per day. Rooms with complete bathroom \$2.00 per day and up. Finest Rathskellar, Cafe and Private Dining Rooms in the South.
J. B. POUND, Pres.
J. F. LETTON, Mgr.
HAS. G. DAY, Ass't Mgr.

WHENEVER YOU NEED A GENERAL TONIC - TAKE GROVE'S

The Old Standard Grove's Tasteless chill Tonic is Equally Valuable as a General Tonic because it Acts on the Liver, Drives Out Malaria, Enriches the Blood and Builds up the Whole System. For Grown People and Children.

You know what you are taking when you take Grove's Tasteless chill Tonic as the formula is printed on every label showing that it contains the well known tonic properties of QUININE and IRON. It is as strong as the strongest bitter tonic and is in Tasteless Form. It has no equal for Malaria, Chills and Fever, Weakness, general debility and loss of appetite. Gives life and vigor to Nursing Mothers and Pale, Sickly Children. Removes Biliousness without purging. Relieves nervous depression and low spirits. Arouses the liver to action and purifies the blood. A True Tonic and Sure Appetizer. A Complete Strengthenener. No family should be without it. Guaranteed by your Druggist. We mean it. 50c.

J. C. LEE, President F. E. Gibson, Sec. and Treas.

FARMERS, MERCHANTS, BUILDERS,

If you are going to build, remodel or repair, we invite your inquiries.

COMPLETE HOUSE BILLS A SPECIALTY.

We manufacture and deal in doors, sash, blinds stairs, interior trim, store fronts and fixtures, pews, pulpits, etc., rough and dressed lumber, lath, pine and cypress shingles, flooring, ceiling and siding.

Distributing agents for Flintkote roofing Estimates cheerfully and carefully made.

Woodard Lumber Co.
AUGUSTA, GEORGIA.

Corner Roberts and Dugas Streets.

Our Motto: Quality Service

"Cured"
Mrs. Jay McGee, of Stephenville, Texas, writes: "For nine (9) years, I suffered with womanly trouble. I had terrible headaches, and pains in my back, etc. It seemed as if I would die, I suffered so. At last, I decided to try Cardui, the woman's tonic, and it helped me right away. The full treatment not only helped me, but it cured me."
TAKE
Cardui
The Woman's Tonic
Cardui helps women in time of greatest need, because it contains ingredients which act specifically, yet gently, on the weakened womanly organs. So, if you feel discouraged, blue, out-of-sorts, unable to do your household work, on account of your condition, stop worrying and give Cardui a trial. It has helped thousands of women,—why not you? Try Cardui. E-71

GOWANS
King of Externals
Sells itself wherever introduced. Imitators have tried to imitate, and substitution has been attempted. But once GOWANS always Gowans for inflammation and congestion.
It gives us pleasure to recommend Gowans Preparation for Inflammation, especially of the throat and chest. We have sold Gowans Preparation for many years and never had a complaint.
BURLINGTON DRUG CO., Burlington, N. C.
All Druggists. 50c, 25c, 10c.
GOWAN MEDICAL CO.
Burlington, N. C.

For Weakness and Loss of Appetite The Old Standard general strengthening tonic, GROVE'S TASTELESS chill TONIC, drives out Malaria and builds up the system. A true tonic and sure Appetizer. For adults and children. 50c.

Ready for Fall Shoppers
We desire to announce to our Edgefield friends that we are ready for them to call and inspect our fall stock. While in the Northern markets during the summer our buyers bought very largely for every department.
Our dry goods department is filled with all of the new fabrics and weaves. All of the popular shades in dress goods of all kinds now on display. We are also headquarters for staple merchandise.
Our shoe department is brim full of the best that the leading manufacturers make. All of the popular leathers in the new shapes. We can shoe the whole family for a reasonable sum. See our clothing before you buy. We can fit any size boy or man in the most stylish garments that are made. Our prices are very low too.
Millinery department:— This has always been one the leading features of our store. Nothing in Augusta can surpass us. We have the nobby ready-to-wear hats and shapes that can be trimmed.
Augusta Bee Hive
916 and 918 Broad St., Augusta, Ga. Abe Cohen, Proprietor.

Monuments and Tombstones.
I represent the Spartanburg Marble and Granite works in this section and shall be pleased to show you designs and quote prices on all kinds of work. Write me a card if you are interested and I will call to see you.
John R. Tompkins, Edgefield, S. Carolina

Barrett & Company
—Cotton Factors—
Your cotton solicited.
It will receive our personal attention.
Augusta, Ga.

No Matter What You DO put some Money Bank in the

Copyright 1909, by C. E. Zimmerman Co.—No. 10
No matter what your walk in life, or what your station may be, you have an opportunity to be the possessor of a bank account, and it only remains for you to realize the importance of this one thing, to render you independent.
OFFICERS: J. C. Sheppard, Pres.; B. E. Nicholson Vice-pres.; E. J. Mums, Cashier; J. H. Allen, assistant Cashier
DIRECTORS: J. C. Sheppard, J. Wm. Thurmond, Thos. H. Rainsford, John Rainsford B. E. Nicholson, A. S. Tompkins, C. C. Fuller, J. H. Allen

Furniture, Furniture
When in need of any kind of furniture call on us. We carry a full assortment of bed room suits, tables, rockers, dining chairs, springs, mattresses, etc. Be sure to see us before making your purchases.
Jones & Son.