

WINTER COVER CROPS.

Every farmer owes it to himself, to his family and to posterity, to take the best care of his land that he possibly can; to maintain its fertility and to keep it from washing away.

Investigators, whether scientists or practical farmers, have found that winter cover crops of any kind prevent land, in a large measure, from washing, and when turned under the following spring make it more productive than if no crop had grown on it.

An experiment covering a number of years, in one of the North Western States, showed that more plant food was lost from the land during the months when no crops were grown on it than was taken off in the regular summer crops. If this was true in that State where they have long and cold winters when leaching is impossible for weeks at a time, how much more would it be in North Carolina with her open winters when plant food can be leached from our soils almost any week during our winter months.

A ton of green rye contains, according to good authorities, about 6.6 pounds nitrogen, 3 pounds phosphoric acid, and 14.6 pounds potash. A ton of green wheat contains 10.8 pounds nitrogen, 3 pounds phosphoric acid, and 14 pounds potash. Green oats contain just a little less plant food than does green wheat. A ton of green crimson clover contains 8.6 pounds nitrogen, 2.6 phosphoric acid, and 9.8 pounds potash. Red clover, Bur clover and the vetches contain more plant food in their green state than crimson clover does.

The wheat and rye mentioned above was probably grown on fertile land which explains their high percentage of nitrogen, for it is an established fact that crops grown on rich land contain more nitrogen than when grown on poor land. For that reason grain grown on rich land has a higher feeding value than that grown on poor land. It may be well for us to remember this when growing grain for our own own feeding purposes.

Rye, wheat and oats take nitrogen from the soil and store it in the plant, thus saving much of this costly element of plant food which would otherwise be leached from the land by our winter rains. The stalks or bunches and their leaves retard the flow of water and act as brakes which will prevent to a large degree the washing of our rolling lands. The clovers save the land from washing in the same way and in addition to this are beneficial by being able to take nitrogen from the air through the agency of bacteria which adds to the fertility of the soil. But to grow these latter crops successfully the soil must contain the bacteria peculiar to the particular crop grown.

It has been the experience of many of our farmers that any crop grown after a winter-cover crop, when turned under at the proper time in the spring, and disked well before and after turning, will produce a great deal more, often as much as 50 per cent. more, than if no winter cover crop had been grown. The bed for a cover crop will cost you one to five dollars an acre according to kind and quantity of seed used. This should save to you more than twice the cost of a cover crop.

Sow at the rate of 15 to 20 pounds crimson clover seed per acre and cover lightly with harrow or cultivator. These can be sowed in growing crops, on stubble land, or after peas. Sow from 20 to 30 pounds of vetch per acre if sown with small grain, and if sown alone put from 40 to 50 pounds per acre. Rye should be sown at the rate of one to one and a half bushels per acre.

An application of manure, or from 200 to 500 pounds acid phosphate, per acre and 25 to 50 pounds muriate of potash on sandy or gray land, will be helpful to the clovers and vetches. For rye or other small grain it may be better to add 2 per cent. nitrogen to the above.

It is now time to commence putting these crops in. When put in cotton fields it is better to do immediately after the picking in that way no cotton will be knocked out in covering the field. In the crop that will succeed best in your locality and experiment with other crops in a small way until you are assured they will make satisfactory growth on your land and under your conditions.

T. B. PARKER, Director Co-operative Experiments, N. C. Department of Agriculture.

LEY'S ORINOLAXATIVE

Decrease of Negro Population in The South.

Charlotte Observer. Recalling that 30 years ago John T. Milner, one of the most scholarly Alabamians of his day, expected the increase of white population and a decrease of negro population to wipe out the so-called race problem within 30 years, the Montgomery Advertiser finds cause for astonishment in the vital statistics of the recent census on racial lines. While the negro population still increases, the increase is smaller every year, and removal to Northern States makes the increase in the South smaller than elsewhere.

Twenty years ago, as the Advertiser notes, there were four Southern States which contained more negroes than whites, as against only two—South Carolina and Mississippi—today Louisiana and Florida have become white. "Both Louisiana and Florida," remarks our contemporary, "are enterprising States in which energetic and successful efforts have been made to secure white immigrants from other States. In 1890 Florida had a large excess of negroes over whites. In 1900 the white population had so increased that it was 67,000 in excess of the negro population. In 1910 its excess of white amounted to 140,000. Louisiana, which also had a negro majority in population in 1890, showed an excess of whites of 67,000 in 1900, which has been increased to 150,000 or 160,000 by the count which has just been completed. The New Orleans Times-Democrat says that the negro population in Louisiana has been decreased by the ravages of the boll weevil, and the inability of the negroes to meet new agricultural conditions. The Times-Democrat thinks that when the census figures relating to Mississippi are made public there will be shown a large proportionate increase of the white population of Mississippi and a probable decrease of the negro population which showed the large excess of 260,000 in 1900."

Diarrhoea is always more or less prevailing during September. Be prepared for it. Chamberlain's Colic, Cholera and Diarrhoea Remedy is prompt and effectual. It can always be depended upon and is pleasant to take. For sale by all dealers.

John Jacob Astor, millionaire, and Miss Madeline Force, whose proposed marriage has been much discussed, were married at Newport, R. I., Saturday a week. The ceremony was performed by Rev. Joseph Lambert, a minister of the Congregational Church.

\$100—Dr. E. Detehnn's Anti Diuretic may be worth to you more than \$100 if you have a child who soils bedding from incontinence of water during sleep. Cures old and young alike. It arrests the trouble at once. \$1. Sold by Graham Drug Co.

After he had slashed the throat of Mrs. Albert Vaughan, daughter of a white farmer, shot and killed one of his own race and assaulted an aged negro, Arthur Dean, a negro, was taken in hand by a mob of white men and negroes Saturday a week and hanged from a mill shaft on the principal street of Augusta, Ark.

You Know What You Are Taking. When you take Grove's Tasteless Chill Tonic because the formula is plainly printed on every bottle showing that it is Iron and Quinine in a tasteless form. No cure, No Pay. 50c.

A dispatch from Peking, China, under date of the 9th, says for three days no messages have been received from the hundred foreigners gathered at Ching-Tu, the capital of Sze-Chuen province, for safety from the mobs which have been running riot in the surrounding districts for some time past. The Chinese viceroy ordered the foreigners to leave the city and it is believed they are now making their way towards the Yang-Tue-Kiang, about 300 miles away. Thirty Americans are among the refugees.

For bowel complaints in children always give Chamberlain's Colic, Cholera and Diarrhoea Remedy and castor oil. It is certain to effect a cure and when combined with water and sweetened is pleasant to take. No physician can prescribe a better remedy. For sale by all dealers.

After a lapse of 36 years, Capt. Matthew Webb's feat of swimming the English channel has been duplicated by William T. Burgess, a Yorkshireman by birth and a naturalized Frenchman. It was Burgess' sixteenth attempt, he having first essayed the task in 1904. Burgess started on the job Tuesday, 5th, at 11.15 a. m. and finished at 9.50 next morning making the passage in 23 hours and 35 minutes. A motor boat accompanied him and it is estimated that the zigzag course of the swimmer covered a distance of 60 miles.

Army Wants Men Who Can Ride.

Washington Dispatch. The War Department is struggling to make the American cavalry soldier a perfect, fearless, dashing rider—like his forefathers in the days of the Indian campaigns. With that, and in view, Captains Conrad S. Babcock and Henry R. Richmond and Lieut. Adna R. Chaffee, all of the cavalry, are about to leave this country for a year's course of instruction in equitation in the French school at Samar.

The advance of civilization across the continent and the advent of the bicycle and automobile are the causes of deteriorizing in American horsemanship, in the opinion of army officers.

In the early days, they point out, when the West and great frontiers of this country were only a wilderness, the United States possessed numberless natural riders whose daily routine of duty was performed on horseback. With the flow of population to the West and the horse losing its hold as a means of locomotion, all this has been changed, they contend, and the perfect rider today is the exception and not the rule.

Upon the return of the officers from France they will be appointed instructors in the American mounted service schools. By this process the War Department expects to gain all the advantages of the well equipped foreign institutions and thus develop the American schools of equitation.

As usually treated, a sprained ankle will disable a man for three or four weeks, but by applying Chamberlain's Liniment freely as soon as the injury is received, and observing the directions with each bottle, a cure can be effected in from two to four days. For sale by all dealers.

A dispatch from Hankow, China, says the American mission at Wuhu has received a report that 100,000 persons have been drowned by the floods caused by the water flowing over the banks of the Yangtze river. The floods are the worst that have been experienced in many years. It is estimated that more than 95 per cent. of the crops have been destroyed.

"I have a world of confidence in Chamberlain's Cough Remedy for I have used it with perfect success," writes Mrs. M. I. Bedford, Poolesville, Md. For sale by all dealers.

Almost identical with the shocking fatality that befell Lieutenant de Grailly, the French army aviator, near Troyes, France, Saturday, 5th, one of his countrymen, M. Leforrestier, while making a flight at Huelva, Spain, Tuesday, 6th, was burned to death in midair when the motor of his aeroplane exploded. Plunging from a height of 250 feet, the body of the unfortunate aviator was almost completely incinerated when it reached the ground.

It is not the quantity of food taken but the amount digested and assimilated that gives strength and vitality to the system. Chamberlain's Stomach and Liver Tablets invigorate the stomach and liver and enable them to perform their functions naturally. For sale by all dealers.

More than 300 progressive Republicans from the four corners of Minnesota at a banquet in Minneapolis Thursday night, hailed with acclaim Senator Robert M. La Follette, of Wisconsin, as the logical standard-bearer of "advanced republicanism" in the next presidential campaign. Resolutions were adopted pledging support to the Wisconsin Senator "first, last and all the time," in the contest for the presidential nomination.

SCISSORS and Knives are easily ruined if not properly ground when being sharpened. If you want them sharpened right and made to cut as good as new give me a trial. Will sharpen anything from a broad ax to a pen-knife. Charges moderate. - B. N. TURNER, this office.

The actual money invested in hotels in Switzerland is \$160,000,000. The payment of the interest on this sum, the maintenance of the properties and a profit on the enormous business, which employs many thousands of people, is practically all paid by tourists who go to Switzerland in pursuit of health, recreation and pleasure.

A Dreadful Sight. To H. C. Barnum, of Freeville, N. Y., was the fever-sore that had plagued his life for years in spite of many remedies he tried. At last he used Bucklen's Arnica Salve and wrote: "It has entirely healed with scarcely a scar left." Heals Burns, Boils, Eczema, Cuts, Bruises, Swellings, Corns, and Piles like magic. Only 35c at Graham Drug Co.

"Let's Beg No Crumbs"—Brave Words and True.

Progressive Farmer. Speaking as the son of a Confederate soldier, the writer is sorry to see Senator John Sharpe Williams—who is indeed fast winning recognition as about the strongest man in either branch of Congress—falling into the error of asking a Federal appropriation for a Confederate monument. We are sorry, too, to hear any talk of asking Federal pensions for Confederate soldiers. It has been fifty years now since Sumpter, and through all this time the South has kept its self-respect, asking no favors and wishing none. Let it be to the end. There is a fine passage in Brown's "Lower South in American History" in praise of the Southerners who, "masters so long, were masterful to the last"; who never fell a-whimpering in the hour of defeat, but were of the mettle of the man who "goes out with the strong hand, and if he fights his fight to a finish, can turn his face to the wall and die and give no sign." We should cherish no bitterness, but we should keep our pride. It would be a tragic and pitiful anti-climax to one of the world's mightiest dramas, if the South, after its proud record of a full half-century, should now come a-whining for a few miserable crumbs from a pension table foul with graft and fraud. If Federal pensions are ever to be given the few remaining Confederates, or Federal money used for Confederate monuments, let the North first make the offer. But for the sake of all our dead and all our past, let not the South humble itself at this late day by begging Federal help to take care of the few remaining heroes who once fought our battles. We stand an excellent chance of gaining public contempt by such a policy, and no chance of gaining anything else.

A High Grade Blood Purifier. Go to Alamance Pharmacy and buy a bottle of B. B. B. (Botanic Blood Balm). It will purify and enrich your blood and build up your weakened, broken down system. B. B. B. is guaranteed to cure all blood diseases and skin humors, such as Rheumatism, Ulcers, Eating Sores, Catarrh, Eczema, Itching Humors, Rashes and Bumps, Bone Pains, Pimples, Old Sores, Scrofula or Kernels, Suppurating Sores, Boils, Carbuncles. B. B. B. cures all these blood troubles by killing this poison humor and expelling it from the system. B. B. B. is the only blood remedy that can do this—therefore it cures and heals all sores when all else fails. \$1 per large bottle, with directions for home cure. Sample free by writing Blood Balm Co., Atlanta, Ga.

Since the beginning of the present year the total number of deaths from cholera in Italy has passed the 30,000 mark. Terror and superstition are causing outbreaks of violence among the inhabitants, who consider the authorities responsible for the scourge. Health measures are opposed by the people, who think that the measures have been put into effect for the purpose of spreading the infection, firmly believing that it is the desire of the authorities to kill, through poison, a large number of the population in that way to get rid of the poor.

No Need to Stop Work. When your doctor orders you to stop work, it staggers you. "I can't" you say. You know you are weak, run-down and falling in health, day by day, but you must stand. What you need is Electric Bitters to give tone, strength, and vigor to your system, to prevent breakdown and build you up. Don't be weak, sickly or ailing when Electric Bitters will benefit you from the first dose. Thousands bless them for their glorious health and strength. Try them. Every bottle is guaranteed to satisfy. Only 50c at Graham Drug Co.

The route along which President Taft will thread his way for 13,000 miles has been definitely mapped and the penciled line runs through 24 States, while over 100 cities are red dotted, showing pauses for speeches on tariffs, reciprocity, arbitration, conservation and Alaska. The President's trip will start from the South station in Boston Sept. 15 and finish at Washington November 1.

To Cure a Cold in One Day. Take Laxative Bromo Quinine Tablets. All druggists refund the money if it fails to cure. E. W. Grove's signature is on each box. 25c.

MORE ABOUT GENERAL DAVIE.

He Saved the Constitution When a Split Threatened. Hickory Democrat. The Mocksville Record and Statesville Landmark have been recently talking about Gen. Wm. E. Davie, one of our greatest men. While they have him still upon the stage we want to say that through him North Carolina won the honor of saving the constitution.

The fight between the large States and the small ones in the convention of 1787 had waged furiously. The small States were opposed to having Senators as well as Representatives chosen according to the population. They threatened to disrupt the convention by withdrawing if this was passed. It was then that Davie, representing one of the big States, declared he would stand for the same substantial representation from all the States. The whole North Carolina delegation stood with him—Richard Dobbs Spaight, Wm. Blount, Alexander Martin and Hugh Williamson.

When the vote came up on the "Connecticut compromise," Massachusetts, by an equal division of her delegation, stood neutral. Pennsylvania, Virginia, South Carolina and Florida voted no. Against that four Connecticut, New Jersey, Delaware, Maryland and North Carolina voted aye.

Hon. Hannis Taylor, the great constitutional lawyer, calls this "the most brilliant and yet, also, the most unfamiliar page in the history of North Carolina"; and he adds: "If it had not been for this Commonwealth's great act of conscience in thus taking sides, against her own interest, in favor of the Union, Washington's administration might never have occurred; John Marshall might never have presided over the Supreme Court of the United States; William Gaston might never have sat in the Congress at Washington. How pitiful a contribution to civilization was the charge of the Light Brigade at Balaklava when we compare it with the act of North Carolina's immortal phalanx, which locked its shield and saved the constitution at Philadelphia."

To Replace Foreigners in Consular Service. Washington Dispatch. The question of supplanting with American citizens the great number of foreigners who hold positions in the consular service of the United States will be taken up with Congress at the next session, when the State Department will ask for an additional number of consular assistants to replace men owing allegiance to other countries.

These foreigners, employed as clerks, sometimes occupy the relation of vice-consul. The custom of bringing foreigners into the service has grown, it is said, because of the impossibility to secure Americans for this clerical force far away from home with a maximum salary limitation of \$1,000.

With a greater number of consular assistants, appointed by competitive examinations, who would be eligible for promotion right up through the line of the consular service, it is believed that the situation can be met.

In some cases the foreigners in the service are also merchants in the towns to which they are accredited. Officials of the State Department point out that this seems rather incongruous, in view of the fact that the primary object of the consular service is to promote American trade.

Every ear a large number of poor sufferers, whose lungs are sore and racked with coughs, are urged to go to another climate. But this is costly and not always sure. There's a better way. Let Dr. King's New Discovery cure you at home. "I cured me of lung trouble," writes W. R. Nelson, of Calumet, Ark., "when all else failed and I gained 47 pounds in weight. It's surely the king of all cough and lung cures." Thousands owe their lives and health to it. It's positively guaranteed for Coughs, Colds, LaGrippe, Asthma, Croup—all Throat and Lung troubles. 50c and \$1.00. Trial bottle free at Graham Drug Co.

The State entomologist of South Carolina issued an order prohibiting, after September 10, the importation of cotton into the State from Texas, Arkansas, Oklahoma, Mississippi and Louisiana, on account of the boll weevil. Cotton manufacturers think this is too drastic and the matter is to be further discussed at a conference. In Wilmington Monday night Jim Henry shot and killed Walter Wilson. Both Colored.

LEY'S ORINOLAXATIVE

Law as to Motor Cars and the Rights to Pedestrians.

Richmond Times-Dispatch. A new legal text-book, "The Law of Motor Vehicles," has just appeared. The volume has 700 pages of decisions by State and Federal Courts in automobile cases. It should have the careful inspection of motorists, for it lays down the principles of law which must guide their future conduct.

Interesting and important are the decisions which have to do with the rights of travelers afoot as against those in automobiles. Here are some of the points made. When there is any danger of a collision with a person on foot, the driver of the car must not only sound a signal of warning, but must reduce the speed of his machine and bring it to a stop, if necessary. The pedestrian has

an equal right with the automobilist on a cross walk and so long as he holds this course he has started, the driver must give way to him. In passing a street car at a regular stopping place, the motorist must slow down and pass the car at a distance. If he goes by the car rapidly he will be held responsible for any injury he inflicts.

The gist of the decisions is that the person on foot has the right of way, within reasonable limitations. Usually, the motorist must give way for him. The chief burden of responsibility is on the motorist, not on the pedestrian. The principle will be enforced in every judicial test.

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Through Pullman to Washington leaves Raleigh 6:50 p. m. arrives Washington 8:53 a. m., Baltimore 10:02 a. m., Philadelphia 12:23 m., New York 2:31 p. m. This car makes close connection at Washington for Pittsburgh, Chicago, and all points North and West and at Greensboro for Through Tourist Sleeper for California points, and for all Florida points.

Through Pullman to Asheville leaves Goldsboro at 6:45 a. m., Raleigh 8:35 a. m., arrives Asheville 7:40 p. m., making close connection with the Carolina Special and arriving Cincinnati 10:00 a. m. following day after leaving Raleigh, with close connection for all points North and North-West.

Pullman to Winston-Salem leaves Raleigh 2:30 a. m., arrives Greensboro 6:30 a. m., making close connection for all points North, South, East and West. This car is handled on train 111 leaving Goldsboro at 10:45 p. m. If you desire any information, please write or call. We are here to furnish information as well as to sell tickets. H. F. OARY, General Passenger Agent, Washington, D. C. W. H. PARNELL, T. P. A., 215 Fayetteville St., Raleigh, N. C.

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