"CIVILIZATION BEGINS AND ENDS WITH THE PLOW"

KEEP YOUR FARM AND IT WILL KEEP YOU AND YOURS

THINGS TO PLAN TO THROUGHOUT COMING YEAR The Farmers' Day at the test farm at Swannanoa on May 17,

Poultry loading depot with facilities for grading eggs.

An annual poultry show.

Monthly livestock sales. Farmers' own line of delivery

Purebred sizes and seeds. Guernsey cattle association. A semi-annual seed exchange day.

A Harvest Carnival one day of

the bread and butter show.

A "Bulletin of Immediate Information" issued by the Storrs Agricultural Experiment station gives the following information relative to a

worm disease of sheep. treatment of this condition in both sheep and cattle, but the work done at Storrs indicates that nicotine sulphate alone in the dosage prescribed is not only more effective but that its use considerably decreases the work of treating the flock since the treatments are repeated at three months intervals instead of thirty days intervals as in the copper sulphate treatment.

A. G. G. RICHARDSON. the stomach worms of sheep carried present is in the opposite direction. great leadership in every sphere of on for the last three years have Medical science has paid attention to culminated by finding that nicotine human parasites, and if it had not, sulphate is an effective vermicide the cook, the barber, the plumber, for this parasite. Nicotine for a long and the veterinarian in an advancing time has been found to be efficient civilization would have reduced the when given in the food, as tobacco dangers from many of them. stalks, stems, leaves, and dust. Tobacco dust has been steeped in water zone," says Doctor Hall, "has already and the decoction made has been become too sanitary for his parasites, found to kill the stomach worms, and the Tropics are following suit. The tobacco dust, however, varies and lasting contentment. This still using small, one-horse rakes, have competed, but for the last two greatly in respect to the nicotine stock, however. Our domestic anstatement is borne out by what has which are economical only on small years the English team has managed content, and for this reason a staple imals, especially our pasture animals, taken place in many sections of the acreeages. Farmers growing 40 or to keep the cup at home. Our boys

United States Department of Agriculture the author says that in trying to estimate how much the intro-

duction of bobwhites into western Kansas and Colorado has had to do with their spread westward, one meets with difficulties. It seems to have become town gentlemen. In all ear rots responsible for more than be rather commonly supposed that of their thinking and activities the half the damage. Tennessee growers

ture of the history of the bobwhite," says this author, "is the rapid in-ercase in numbers after the eighies west of the hundredth meridian. This wonderful increase went hand in thand with the increase in pintat-ed grouse, or prairie chickens. It seems more plausible, however, to suppose that a few birds did really exist in favorable spots all over western Kansas, enough to make a rapid new method of control of the stomach response as soon as food became vorm disease of sheep.

Nicotine has been successfully used that in this region for many years as an adjunct to the copper sulphate after the advent of man, small game was scarcely shot at all, which gave

MAN DEFEATS HIS PARASITES

Mankind has a good chance of getting rid of most of the parasites that once affected him, says Dr. Maurice C. Hall, of the United States Department of Agriculture, but in The experiments in the control of the animal world the tendency at

"Civilized man over the temperate standardized solution has been sought. In has been found that nicotine sulfrom ponds and streams to a large. The SOUTHERN AGRICULTUR- or 12-foot rakes.

The solution has been found that nicotine sulfrom ponds and streams to a large or 12-foot rakes. The solution has been found that nicotine sulfrom ponds and streams to a large or 12-foot rakes.

The farm pages of The Press are edited by the county agent in collaboration with the editor.

there were no birds west of central Kansas before agriculture began. There is no doubt that they increased rapidly in numbers all over western Kansas, as well as eastern and southeastern Colorado, as soon as farming operations commenced.

"In Kansas the most interesting feature of the history of the belowhite," the history of the belowhite," there is no doubt that they increased from the church in town. More and more they regard the rural sections as missionary territory. It is looked upon by them as a field of hardship and sacrifice. Since country leading the rural sections as missionary territory. It is looked upon by them as a field of hardship and sacrifice. Since country people appreciate religion, this attitude of the church has been a seriously affected with a large variety of diseases, but late blight caused interesting feature of the history of the belowhite."

and by the city. It is imposed on the also suffered a reduction in yield country from without with little con- due to diseases of nearly 15 per cent. sideration for the specific needs of Grapes, with the exception of a few boys and girls enrolled in 4-H chilb the country. In practice the system states, suffered only comparatively fends to interfere with the training slight losses, but the apple crop re-of boys and girls for life in the duction amounted to more than 10 boys and girls who have not been afcountry and instills in them the de- per cent, and peach and pear re- forded this opportunity. The subsire to leave the country and go to ductions in 1926 were about 8 per stantial support given the work by the game birds unusual opportunities to spread." town. The system gives no recognition to the training of the world's Department of Agriculture scientists greatest educational institution—the are constantly studying these diseases ment and the state agricultural colcountry home. As a matter of fact, with a view to devising methods of the school is demanding so much of cure or control or to eliminate losses BUT ANIMALS SUFFER MORE the child's time that he has small by the discovery or breeding of reopportunities for home training in sistant variesties. In some of the productive work. This theory may most seriously affected crops ways be all right for the city child who have been devised by which farmers has no home school, but in the coun- can prevent or minimize these losses. try it tends to destroy the school that is chiefly responsible for our ROOM FOR IMPROVEMENT

COWS BRING CONTENTMENT

in yield of oats is estimated with stem rust and loose and covered smut responsible for most of the loss. Corn diseases accounted for nearly 13 per cent reduction in yield with

church needs to be converted. There is no sort of adequate justification for the attitude ministers have assumed toward the country church. Educational leadership centers in than 10 per cent and with beans thear-

IN HAY-HARVESTING

store an acre of hay with four hours boys will sail from Montreal June No matter where the county agent than eight hours of labor for the in Washington. While in Washinggoes in the South these days, the same job. Such variations of effi-farmers, the merchants and the bank ciency in hay production indicate, the Secretary of Agriculture and visit ers are talking cows. Cows, clovers, says the Unuited States Department the points of interest in the National corn and cotton, all on the same of Agriculture, that much room ex- Capitol. small place, will solve any number ists for improvement. An evample of farm problems and brnig a sub- is the fact that many farmers are of the seven contests in which they more acres of hay should use 10-foot will win against stiff competition if

THINGS TO PLAN FOR RIGHT

That cannery check every time

Fat hog sale in June. Bread and Butter Show

Encourage the 4-H Clubbers Big Farmers' day next fall.

Local Curb Market. के अतिक कार विश्व विद्याल Breed sows so that the pigs will go on the market in March, April, August and September.

work there are fifteen times as many Congress should enable the departleges to extend the influence of the 4-H clubs in improving farm life."

ON TO ENGLAND

Nebraska's champion dairy-judging team are even now doing some lastminute brushing up on technic and packing their bags for England, where they will compete with British boys and girls at the International Junor Some farmers in the United States Dairy-Judging Contest on July 5. The

The Amerocan team has won five they succeed in bringing home the

made a solution of uniform strength. dant food, shade and cover for lice, It would be well for every rural side-delivery rake and a hay loader A. Bilyeu, who ran up highest incommunity in the South to consider commonly effects a saving of about dividual honors at the National Dairy seriously at this time the develop- 1 1-2 hours per acre of man labor Show last fall; Joe King, a veteran structive force in community build human and animal labor when the to represent Nebraska at the first ing. It enables the worker to re- dump rake and animal labor when pational 4-H- camp in Washington,

The boys are members of the Hol-

HOW TO PLAY

John Bradford, a representative of the Playground and Recreation Association of America, 315 Fourth avenue, New York City, for the last year has been co-operating with different states to introduce detailed training in methods fo recreation to extension leaders. From May 1, 1927, to April 30, 1928, through meetings arranged by the state extension directors, he has visited 22 states, teaching recreation methods to representatives at these meetings from 35 states and 3 Canadian provinces.

In the training classes, he has taught over 4,000 leaders so that they may go out and teach these methods in their own communities. He has attended state 4-H camps to train groups of leaders who could take the work to their county camps and to their community clubs; county short courses where he gave instruction to county workers in principles of community song leadership, technique of game leadership, indoor and outdoor active games, indoor and outdoor quiet games, social recreation activities, and source material from which to build programs; and insitutes for the train-D. C., were welcomed on behalf of other leaders such as rural teachers

Anyone in the community who de-

State College Station, Raleigh.

his has been found to act more It was easy to procure, easily made, ing is strictly an adjunct to surgical er industry is so potential as a con- labor, as sompared with the cost in who last year was one of the boys it was cheap, and did not have the procedures. micides showed.

in one of three strengths, namely by worse in the highly civilized United who are old enough to work the hour, represents a saving of 60 cents stein dairy-calf club of Albion. They adding one teaspoonful of "Black States? The history of the livestock adding one teaspoonful of "Black States? The history of the livestock year 'round without interfering with per acre in man labor alone. That will be accompanied on the trip by Leaf 40" to a quart of water and industry is one of gradual transition school duties; it makes the home an would amount on 30 acres of hay to M. L. Flack, state extension agent giving four ounces of this to an from the pastoral conditions of the important producer of wealth, and is more than \$18, or the interest on in dairy husbandry, and C. C. Glradult sheep, and two ounces to a open range to the farm conditions an uplifting force for the community, approximately \$375 at 5 per cent, a ardot, the local leader. lamb over three months old; or add- of fenced inclosures. Free, open It brings in money every day in the sum more than sufficient to pay the ing two teaspoonsful to the quart; range implies light stocking-few an- year, and there is practically no interest and depreciation on the necor three teaspoonfuls to every quart. imals to the square mile. As the danger of an over supply of the essary investment in a side-delivery One teaspoonful strength is used on- free range goes, range areas are re- products. It is a business with few rake and hay loader. ly for weak animals. Two teaspoon- stricted to large holdings, not free, risks. Prices vary very little, and When a loader is used a hav-makfuls could be used for the average but cheap. Ultimately we have the they are always such as to guaran- ing crew can handle considerably spoonsful could be given to strong and crowded to the carrying capacity telligently. The business can be con- they can do so by hand. Slings will animals. In the instances where three teaspoonsful have been used, few if any worms have been left alive in have the parasites been ding? Unthe stomachs of sheep and lambs der the laws of chance the parasite may enter with no serious handicans. It saves labor to take two or more Where two teaspoonsful to a quart was found that the eigence with the dairy business may be carried a new bed ground 5 miles away was ficiency was high. One teaspoonful to a quart was sufficient to kill a vely large number of the worms, and thus will relieve the farmer from the hand to use large-sized on the field, especially when the dairy business may be carried was not the field, especially when the dairy business may be carried was not the field, especially when the dairy business may be carried was not the field, especially when the dairy business may be carried was not the field, especially when the dairy business may be carried was not the field, especially when the dairy business may be carried was not the field, especially when the dairy business may be carried was not the field, especially when the dairy business may be carried to the field, especially when the dairy business may be carried to the field, especially when the dairy business may prepared the animal to gain strength happened and what is happening to industry gives greater promise of the 5-foot mower, which will cut it so that later stronger solutions could day is that in the absence of control solving the farm problem for thous acres in 10 hours is the size more be given a month or two there after measures our livestock is succumbing ands of farmers in the South that commonly in use. But a 6-foot rior will cut 12 acres in 10 hours and

have the dosage most effective, it is know doesn't hurt you." well to have them go at least eight water. The treatment should be repeated every three months to an ad- Your county agent wishes he could ing the sheep with one ounce of the SOUTHERN AGRICULTURIST Epsom Salts and keeping them con- under the heading, "When Great Men fined two days after dosing, then Lived in the Country." It is too ly reduced the chance for heavy a short introduction to a couple of new infection. Over a thousand sheep most convincing paragraphs. have been drenched with nicotine undoubtedly the great barrier to sulphate, and only five weak animals a bigger and fine country life lies have died from the effects of the in the fact that people generally pre-

G. H. LAMSON, Jr., Zoologist.

BOBWHITE AND PLOWMAN ARE MUTUALLY FRIENDLY

The bobwhite has always been a favorite throughout the United States, portunity to listen to it.

bathing habmites, and ticks; their efficiently than the copper sulphate its are those of a small boy-compultreatment in the experiment at Storrs. sory baths only as a rule-and shave ment of the milk industry. No oth- and a half hour per acre of horse club member of 10 years' standing,

"One may ask: If the limitations of per sulphate and some other ver- sanitation have always applied to The nicotine sulphate can be used suppose that matters are getting plies lucrative work for the children saving, with wages at 40 cents an Animals were drenched in the same duction from unthriftiness and the Animals were drenched in the same duction from unthrittiness and the years.

The additional power required for the manner as with copper sulphate and farmer and stockman are taking this Milk plants and cheese plants can larger implements is available on

drenching. One hundred and sixty- fer life in the city. In fact, many five stomachs have been opened and of our leading farmers and their

live in town a grid

main at home on the farm; it entitle dump rake and hand loading from and Russell D. Hughes, a young farm-tiches the land without cost; it supthe windrow are employed. This er living near Albion.

is losing enormously in wasted pro- acted by Congress for the next fifty 7-foot mower will cut 14. Usually

were kept without food twelve hours loss with the unconcern which follows be made available wherever there farms where the acreage to be cut previous to drenching. In order to from the fact that what you don't is a demand for them by the farm- justifies teh use of such machines. ers. It is for the farmers in the South to say whethere they want FOUR-H CLUB MEMBERS ARE hours after drenching without food or BIG MEN LOVED THE COUNTRY them. Operators of these industries are ready to call for the milk and advantage in the average flock. Dos- reprint every word of an article in pay the market price for it where any community are ready to supply the milk. Communities in the South placing them on a new pasture great- long, so all he can do is to scribble should be quick to take advantage rural communities are already very active and they are getting results.

HEAVY ANNUAL LOSSES

is a new viewpoint because Wash- diseastrous degree. Pathologists of of citizenship, ington, Jefferson, Monroe, Jackson and all the leading men of their day preferred rural life. They even look-ed down upon the man who had to last year which will be the eleventh er, work together, and play together. The libert of the last year which will be the eleventh er, work together, and play together. The last year which will be the eleventh er, work together, and play together. annual report of such losses. The The 4-H clubs are regarded by the ever had and w hope to make this Here is a portion of the article: severity of diseases varies from year department as being one of the most the best Short Course we have ever both for sport and because of the cheery call of the male, which has enlivened those who have had op
More than relief in materail things, to year, but the record for 1926 gives helpful agencies for improving aggrito year, but the record for 1926 gives helpful agencies for improving aggrithad. The courses given and the genrural civilization needs a leadership something of a suggestion of what
cultural conditions and for the Short Course
the same as last year.

Congress has expressed its approval

The course given and the genrural civilization needs a leadership based on love for and appreciation of may be expected in the 1927 report. rural life. The country needs preach- In 1926, diseases is estimated to have of this work through substantially in- with the exception of the recreational As Americans went west and got ers and school teachers who are cap- caused a reduction in yield dof the creaser appropriations provided at its features which will be under the di beyond the regular range of the bobwhite, there were efforts to transwhite, there were efforts to transplant it to the newer regions. The by their works. The church and the

single disease. Damage to rye from ment of 4-H club work through the

able of sceing the big things in counwheat crop of more than 7 per cent
try life, and who show their faith with bunt, as the most damaging
will make possible a larger developperintendent of the Charlotte Park
and Recreational Commission of Charfarmer is a good friend of the bobwhite, for cultivated fields are more
favorable than virgin territory for
the bird.

In a recent pamphlet issued by the

sheep and lambs, while three tea- small farm flock or herd under fence tee a profit to those who work in- more hay in an easier manner than

WELCOMED TO WASHINGTON BY EXTENSION DIRECTOR

Champion farm boys and girls representing 39 states in the second national 4-H club camp, Washington, ing of volunteer lay workers and the United States department of agri- and church workers. culture in the auuditorium of the National Museum, by C. W. Warburton, sired to take advantage of the opdirector of extension work in the de- portunity to come and have a good partment. Director Warburton point- time was welcome. In this way, Mr. ed out that 620,000 boys and girls Bradford has introduced new play are now enrolled in the 4-H clubs methods to some 5,400 residents in Disease of plants in the United for the purpose of training in more communities which he has visited. inspected to determine the efficienty families hope to move to town be- States reduce crop yields to growers, efficient farming and home making cause of the advantages offered. This often to a serious and sometimes to a methods and in the responsibilities

CONSULT YOUR COUNTY AGENT AS YOU WOULD YOUR DOCTOR OR YOUR LAWYER