"CIVILIZATION BEGINS AND ENDS WITH THE PLOW"

THINGS TO PLAN TO THROUGHOUT COMING YEAR

Poultry loading depot with facilities for grading eggs.

An annual poultry show.

Monthly livestock sales.

Farmers' own line of delivery

Purebred sires and seeds.

Guernsey cattle association.

A semi-annual seed exchange day.

A Harvest Carnival one day of

the bread and butter show.

Just About the Farm

A little study in the cost of high OATS WILL HELP MEET taxes would reveal some very startling information.

Just by way of starting the ball rolling here are some figures, the analysis of which will give a little insight into the state of affairs from an agricultural standpoint only.

There are 328,320 acres in Macon county. Of this amount 8,006 acres are not on the tax books. It is presumed that this land is taken up with public holdings such as roads, school lands, etc.

The Federal Forest Reserve has a profitable crops. total boundry of 105,867 acres.

cent of which is cultivatable. That is duction. Experiments made in many or friends cat some of the raw sausand feed that are produced in Macon county. This leaves 169,962 acres

grand total of \$04,000,00 being pare property tax on land that is not returning any value to the owner. when nature supplies your chicking to the process by which it may be brightened up? Pastures.

When nature supplies your chicking to admit light to the enclousre from at least three sides.

Completely close the floor joists at the form of earthworms, snails, slubs, the form of earthworms, snails, slubs, and insects, there may be a cost to five hundred pounds of mixed fertilizer at seeding time is a conservative amount to use.

When nature supplies your chicking to admit light to the enclousre from at least three sides.

Completely close the floor joists at the form of earthworms, snails, slubs, the wall with a 2-inch plank wide enough to lap over the lower edge of the sill. Fill the boxed space thus worms use these other small animals which worms use these other small animals worms use these other small animals as intermediate hosts or carriers of should be applied to oats on almost an introgen nor potash. Three hundred the form of earthworms, snails, slubs, the form of earthworms, snails, slubs, the form of earthworms and turkeys with 'free' feed in the form of earthworms, snails, slubs, the form of earthworms at least three sides.

Completely close the floor joists at the works the wall with a 2-inch plank wide enough to lap over the lower edge of the worms use these other small animals as intermediate hosts or carriers of prepared with concrete. and what is the process by which it may be brightened up? Pastures.

acres will keep 42,490 head of cattle, tive amount to use.

hard when such enormous wastage is be made with profit.

allowed to take place. PASTURES

though I have looked carefully I have fall fruits for jelly making, because of Animal Industry will identify par-failed to notice a sirele hillside field their juices contain two of the subwhere winter grasses are beginning to stances essential of the formation of able information in regard to life histurn the landscape green, and there a jelly-pectin and acid. When sug-tories and control measaures. Many are several species or winter grasses are several species or winter grasses are is cooked with any of these fruit life histories are not yet known, and are several species or winter grasses are several species or winter grasses are several species or winter grasses are not yet known, and are several species or winter grasses are not yet known are several species or winter grasses are not yet known are several species or winter grasses are not yet known are several species or winter grasses are not yet known are several species or winter grasses are not yet known are several species or winter grasses are not yet known are several species or winter grasses are not yet known are several species or winter grasses are not yet known are several species or winter grasses are not yet known are several species or winter gra grow luxuriantly here.

The value of pasturage per acre be obtained in a few minutes; that per year to the various kinds of livestock are as follows: Hogs, \$40.00. is, the sirup will flake or sheet off the spoon, indicating that the jelly the spoon, indicating that the jelly the spoon of the spoon o Poultry, \$30.00, Cattle, \$20.00 Sheep, stage is reached.

Poor pastures are worth-not the time it takes to tell about them.

It is not the loose smut or blast which we see on the heads that turn them black that does any material damage in this section, but it is the covered smut that works inside the chaff. And this causes a great deal of damage in this section mainly because it is not easily detected and people do not realize the damages.

BREAD AND BUTTER SHOW

It is hoped that every one who will take an active part in ma! this show a success this year,

Every effort is being made und r the very limiting circumstances to pat on a good entertainment as well as a good educational program.

Saturday will be the big day, and will probably be followed by a good old break-down dance that night,

We are also trying to have a Harsome rousing good singing and some parts, which should be trimmed out Columbia, Mo.

KEEP YOUR FARM AND IT WILL KEEP YOU AND YOURS

lectures by one or two of our local ministers.

It seems to me that this is particularly appropriate for Macon county this year when we look over the country and see the devastation that -and you will have the basis of by storms and cyclones.

It is probably a little unusual to have a ceremony on a fair program, but this is just ours anyway and we can do as we please,

In the language of Rudyard Kipling a strong pull by every bloomin' soul."

Macon county the land of superfarmers that think-maybe.

SPRING FEED SHORTAGE

dicate a smaller corn crop than us- October says: ual. Fall seeded oats can help to meet hte need for feed next spring.

side and then forgotten until harvest lice. time next spring. Many farmers have "B have made them one of the most pigs. Every year pigs are killed on

tilization are two of the most impor- tious farmer's wife tastes the raw This leaves a total in private owner- tant points in producing a good yield, sausage to see whether the seasonship of 212,453 acres, only twenty per which is essential for profitable pro- ing is right and the farmer's family early seeding to be important. .

Large quantities of available nitrothat are not producing crops of any gen are necessary for large yields of oats but most of the nitrogen should be withheld for application in known as trichinae, which live in the Assuming that one half of this the spring. A complete fertilizer carin timber of any value, or pasture. phosphoric acid is desirable for use on most southern soils at seeding of pigs and the eat-

FALL FRUITS THAT "JELL"

sweet plums, or blackberries.

felly takes its name.

result.

WITHOUT ADDING PECTIN

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

stand up well and cut smoothly.

SOME OCTOBER PRECAUTIONS AGAINST ANIMAL PARASITES

With the approachof cold weather, bright, mild days in October are a be artificially inoculated to insure good time for dipping livestock. This best results. Uninoculated vetch or bright, mild days in October are a "Now is the time for a long pull and is a timely reminder given in the "Calendar of Livestock Parasites," published as Miscellaneous Publication 25-M, for free distribution by the United States Department of ag-LYLES HARRIS, County Agent, riculture. Dipping livestock on farms during freezing weather may cause chilling and be injurious. The introductory paragraph for the month also warns that October is time to "learn Feed will be at a premium on many about trichinosis and reasons for southern farms next spring. Reports cooking pork well." The text of the from a number of southern states in- calendar devoted to the month of

"Did you dip your livestock last month? If not, do it now, before As frequently grown, the oat crop cold weather. If sheep scab is doris disappointing. It is too much to mant in your flock it will make expect a profitable crop of oats when trouble later. Consult Farmers Bulthe seed are drilled in on a worn hill- letin No. 713-F. Clean up chicken

"Beware of trichinosis. Now is the learned the value of fall oats and time for early fall slaughtering of the farm and made into sausage and Date of planting and adequate fer- other products. Every year the incauevery year there are a number of this proceeding. The disease is caus- erecting farm buildings: known as trichinae, which live in the tions extend at least 24 onches below muscles.

dependante cure 10 the e

be avoid eating them raw. should be applied to oats on almost as intermediate hosts or carriers of prepared with concrete. all soils in the South. From 150 to some sort in getting from one bird Is it any wonder that living seems plied, heavier spring applications may the droppings or in openings unprotected. soil and carry the eggs or young YOUNG DEWBERRY BECOMING worms to the bird that ears the earthworm, slug, snail, or insect. It is sometimes necessary to combat these three-fourths of a cup of sugar to sults of scientific investigations such one cup of juice, the "jelly test" will as those on which our known effec-

SELLING ADULTERATED SEED

Specialists of hte Bureau of Home A number of seed dealers offering partment of agriculture say that it redtop seed for sale continue to hanshould not be necessary to add pec- dle adulterated or misbranded lots, actin to make good jelly from the cording to the United States Departabove fruits. Added pectin may be ment of agriculture. In examining We have a home-made machine used to make jelly from fruits which 113 purchased lots the said labour treating wheat for smut it anyone stance such as strawberries or rhu- found the such form 27 firms to the stance such as strawberries or rhubarb. Added acid, in the form of adults and the seed from 27 firms to be adapted to canning. The extension lemon juice or trat apple juice, is adulterated or misbranded. In all of the cold-pack industry opens to

sweet plums, or blackbernes. Names and addresses of the offendand sorred for later use, in jellies, it in tirms are published in the service and regulatory announcements by the like the long transfer and regulatory announcements by the pectial when traking at pile jelly from department, in accordance with the suitable apples, sufficiently that in act of congress making appropriations

theres less. Many jellies offered for such investigations.

The Bureau of Plant Industry will continue to examine and report in the such are made from a combination continue to examine and report in the such are made and r of apple and other mices because this insures a good firm felly texture, and the ciple flavor is seldom as promotived as that from which the lawn-grass seeds secured in the open felly takes its name. market and submitted for such analy-Sometimes the immercessary use of added pectin results in a jelly thrit does not keep well, because of instances and the scale of the seed laboratory at Washington. sufficient cooking. It is desirable to [1), C., or to any of the following cook any jelly very quickly and core- co-operating laboratories: Co-operafully, but if there is too much pec- tive Seed Laboratory, California State tin present the jelly stage may be Department of Agriculture, Capitol reached before the juices are thor- Extension Building, Sacramente, oughly cooked, and fermentation will Calif.; Co-operative Seed Laboratory, Oregon Agricultural College, Corvallis, To make good plain apple jelly. Oregon.; Co-operative Seed Laborathat are not overripe, extract the Experiment Station, La Fayette, Ind.;

SOIL IMPROVEMENT CROP SHOULD BE FERTILIZED

Now is the time to lay plans for a more profitable corn crop next summer. Corn grows best on a rich soil well supplied with organic mathas been wrought in other sections clear, sparkling, tasty jelly that will ter and moisture. Wniter legumes grown and turned under help to bring about these desirable conditions.

Vetch and Austrian peas are quite promising winter legumes, although there are other winter legumes that are good. Either of these crops should peas may result in failure.

The benefit secured from a green manure crop depends to a large extent on the amount of material grown to be turned under. On thin land where the benefit of the soil improvement crop is needed most, the growth is usually weak, and little benefit is obtained.

Unless the winter legume is seeded on land where the summer crop was fertilized heavily, fertilizer should be applied for vetch or peas. On sandy land 400 or 500 pounds per acre of fertilizer carrying both phoswill give good results. On heavier soils 300 to 500 pounds per acre superphosphate alone may be used.

Rats destroy about \$400,000,000 worth of property annually, according them might almost be considered as to the United States Public Health branches of chemistry, and investiga-42,491 acres are producing the food southern states have clearly shown age or other pork products raw. And stributing your share to this find on deaths from trichinosis as a result of serve the following pointers when of chemistry.

crop of vetch cannot be obtained ou

Make continuous concrete foundaand 12 inches above the ground level.

When posts and piers are used as inspected establishments. Trichinosis it is 3 Ofeet wide or less, and increase which is the average tax per acre in a 12-4-4 or 10-4-4 is desirable. On Macon county leaveing off all special a 12-4-4 or 10-4-4 is desirable. On trouble or discomfort, but is a very little at this height 6 inches for each additional trouble or discomfort, but is a very little at the feet in width. This discourtion to the county leave the county leave to the coun sed. painful disease in man and frequently ages the rats from using the space

able nitrogen for good ran growth a fertilizer such as 12-0-4 is desirable. Superphosphate alone at the rate of avoid eating them raw. openings as large as possible in order is useful if not entirely remunerative; our chick- to admit light to the enclousre from (3) everybody on the dairy farm

The Young dewberry, a compar atively new variety recommended by over a good part of the county, and and sour quinces are among the best certain parasitic worms. The Bureau riculture for trial wherever dewharms riculture for trial wherever dewberries are grown, is rapidly becoming established in the South. George M. Darrow, a senior pomologist in the Bureau of Plant Industry, reports a ing in southern Alabama, one grower they are hard to keep unless properly having as much as 10 acres. Grow- cured and stored. ers there expect to plant several hunshipments to northern markets.

In California, says Mr. Darrow, growers have tested the Young dewberry sufficiently to confirm their opinion that it is in every way su-1,000 plants were set out there this spring. Larger plantings are to be

made this winter. Canuning tests in California indicate that the variety is especially The miller will charge about 15 sometimes needed even when sufficents a bushel and furnish the chemical with which the wheat is treated to missingue. In all an especially large market to growers call with which the wheat is treated to missingue. In all an especially large market to growers call with which the wheat is treated to missingue. In all an especially large market to growers called the miller will charge about 15 sometimes needed even when sufficients adulterant, although some samples ran as high as 27 per cent dist and charff up in barrels with I pound of smear of this variety. The berries are put frost. When the vines are killed by cal with which the wheat is treated of quinces which are not sour, or and as low as 20 per cent dirt and chaif to 2 pounds of fruit Such fruit can be used by preservers, for the ice cream trade, and if somewhat less can be used by pie manufacturers.

The Young dewberry is further atpreciated by growers because it apears to be resistant to anthracnosciand the common leaf-spot diseases. The berries are as large or larger than the Logan and are much swe ter. They are of a deep wine co. attractive, and of everptional high dessert quality.

CHEMISTRY IS PARENT

the field of agricultural research, was ing this process and when curing has expected to do great things for the been accomplished, the temperature of farmer," says Dr. C. A. Browne, who the house may buderedce dweUr is in charge of chemical research in the house may be reduced to about the United States Department of Ag- 50 degrees farenheit and kept at that riculture. "This opinion was so wide- mark as long as the potatoes are inly accepted that when the first direc- storage. choose apples of a fairly tart variety tory. Purdue University Agricultural tors of the state experiment stations were chosen chemists often had the be done with extreme care, Mr. vest Thanksgiving Ceremony a short juice from the entire apples—skins, time, probally Friday afternoon, with some rousing good singing and some parts, which should be trimmed out Columbia, Mo.

Experiment Station, a monopoly of agricultural research to get full information on the sub-

THINGS TO PLAN FOR RIGHT NOW

That cream check every two

That cannery check every time you come to town.

Bread and Butter Show next

Encourage the 4-H Clubbers.

Big Farmers' day next fall. Local Curb Market.

Breed sows so that the pigs will go on the market in March, April, August and September.

and the fact might be interpreted as meaning a decline in the appreciation of chemistry as a factor of science.

Doctor Browne does not believe this to be true. "What actually happened," he says, "was not a decline, but an immense extension in the application of chemistry to agriculture." phoric acid and potash, such as 12-0-4 The field grew so groad that specialization proved essential, and many of the specialties, although firmly based A good crop of vetch turned into in the essentials of chemistry and dethe soil may increase the yield of pendent on chemical research, are now corn 20 bushels per acre. A good identified by other titles, such as agronomy, horticulture, plant physiolpoor land without additional plant ogy, and animal nutrition. The infusion of chemistry into these other sciences is so great that some of them might almost be considered as tors in these subjects require a most thorough training in the fundamentals

YEAR-ROUND WORKERS

Analyzing the reasons for the relatively good organization and management of the dairy industry, Dr. A. F. Woods of the United States Department of agriculture finds the following three of particular importance:

(1) Fertility largely oges back to the land through the manure. Feeds purchased in part probably add more, ald in dairy prod-

mentioned number of cattle is worth two million one hundred twenty-four thousand five hundred dollars.

The social methods some times transmit tapeworms to chicks; the round worm and nematodes (the round worm) to chickens and the spring hinges. costs of production and other sources of loss and thus increase the margin of net profit."

Store Sweet Potatoes For Late Winter Sale

Raleigh, Oct. 6.-Nearly always, sweet potatoes bring a low price at digging time and a higher price in considerable acreage already in fruit- the late winter and spring because

"The best method for curing and dred acres this winter for carload storing the crop is to use a wellconstructed, modern sweet potato storage house," says Robert Schmidt, vegetable specialist at State College. "Where such a house is not available, some tightly-constructed building on perior to the Logan. More than the farm may be pressed into use. A tobacco barn may be used for curing but this house has no insulation against mid-winter cold and precautions must be taken against treezes. The old time carthen bank should not be used except for the home supply.'

For sweet potatoes to keep best, it is wise to harvest them before a light frost, usually the tubers are not injured. There is danger from cold injury, however, when heavy frosts occur. A potato hurt by cold sugar is put with the bernies they will not keep, even under the best of conditions. Then, too, says Mr. Schmidt, a bruised potato is hard to keep, so it is necessary to use care in harvesting and to handle the roots as little as possible.

The three important factors in keeping stored potatoes are moisture, temperature and ventilation. When the crop is freshly dug, the potatocs conain excessive maisture. This moisture trust be reduced and is accomplished by the curing process. The OF MANY NEWER SCIENCES appearance of sprouts is a good incation that the roots are well cured. "Chamistry, when it first turned to Plenty of ventilation is needed dur-

Since curing and storage needs t

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