AGRICULTURE AND LIVESTOCK NEWS

Up-to-date Information to Help Develop Progressive Farming

edy would be that of removing the

alternate trees, pruning those remain-

ing, and of improving the fertility of

seedling trees, or inferior varieties,

To Build Up Industry.

the species is indigenous the first ques-

nursery methods. Some common mis-

trees are: Using those that are too

large; pruning too severely at the out-

in a single season; top-working trees

working trees standing in out-of-the-

way places where it will never be pos-

The kernels of the pecan contain a

large percentage of oil which is quite

as sensitive to temperature changes as

is butter. In order that the shelled

meats, as well as the unshelled nuts,

may be kept in prime condition for the

longest possible period, it is necessary

that the nuts be well dried before they

products, such as fertilizer, tanning

be applied at the rate of 50-60 pounds

to a ton of manure.-O. A. C. Experi-

Use of ventillating lofts stuffed with

Investigations showed that even in

conditions were much less different

from those of the rainy parts than is

generally supposed .- O. A. C. Experi-

Zila's Alice 382,807 owned by Geo.

ing 12,624 pounds of milk 703,06 lbs.

wins an American Jersey Cattle Club Gold Medal with a production of 14,213

pounds of milk and 743.44 pounds of

For eight of the months on test, Flos-

Silage Almost Essential

July 26, 1922.

JERSEYS FOR OREGON

ment Station.

sible to give them good care.

top-working is the solution.

SOIL-IMPROVING CROP FOR USE IN PECAN ORCHARDS IS NEEDED



Typical Field Specimens of Native Pecans Growing in Southern Indiana.

Many important problems in growing and marketing pecans are confront-

ing the growers. Until recently the most experienced growers of pecans have considered the cowpea to be an excellent summer cover crop for use in their orchards, but, says the United States Department of Agriculture, it has been found that this crop is a favorite host plant or crop for the southern green plantbug or "stink bug" which attacks the immature nuts and by perforating the soft shell with its proboscis, reaches and injures the tender kernel. With the subsequent growth and development of the nuts there arise at the points of perforation definite areas of deadened tissue in the kernel, possessing a bitter or acrid taste, and commonly designated as "kernel spot." Large quantities of the finest nuis were greatify reduced in consequence. A substitute soll-improving crop for growing in pecan orchards is therefore needed. Among the promising things are beggarweed, bush velvet bean and soy bean. So far as is known the beggarweed is not a host plant for the bug and the bush velvet bean and the soy bean are not supposed to be attacked by this insect. Bush velvet beans are increasing in popularity as cover crop in this section and may be the solution of the problem. As yet, there is little practical experience in determining the suitability of these cover crops in pecan orchards and their efficiency in controlling the "stink bug." Orchardists who use either bush velvet beans or soy beans as cover crops should carefully inspect their crops at the end of the senson to determine whether the percentage of nuts with kernel spot is satisfactorily reduced on the areas in which these crops are grown in comparison with the same variety where no cover crops are used. These are important problems on which the growers themselves

Plan to Destroy "Stink Bug." It has been suggested that the "stink bug" feeds only on seed pods. If this is true, crops, such as the velvet bean, are packed or barreled for shipmen which are late in maturing seed pods, could be grown for a summer cover crop and turned under or cut up with disk harrows in early October before | weather begins these products should | She loves me when she punishes. the pecan is ready to harvest. In this be placed in cold storage at a temway the insect probably would be de- perature between 30 and 36 degrees. stroyed and the ground left in good In the shelling of nuts there is concondition for the nut harvest. Growers | siderable waste in the form of shells and experimenters are expecting to and broken meats. Growers and hanobtain valuable information on these diers are trying to find uses for these crops during the coming season. Another important problem is that material and fuel.

can assist in securing trustworthy in-

O. A. C. CORRESPONDENCE Farm Reminders

How to Combat Garden Pests The excessive drouth and hot days of this summer are particularly favor- should be saved and more of it used An' grabs me up an' pats my head; able to the development of insect around the barn during the winter An' I hug her, an' hug my Pa pests. The red spiders are especially months. The straw not only contains An love him purt' night as much as Ma. serious on beans, can fruits, and hops, plant food but also prevents the loss though almost all garden crops, horti- of liquid manure. This liquid manure cultural and field crops may suffer contains a large portion of plant food serious injury. Sulphur in some form material.-O. A C. Experiment Station is the standard insecticide for the red spider. For limited areas dust sulphur using if possible superfine dust- dry straw was said to be effective by THOMAS SLAUGHTER, plaintiff. ing sulphur, will prove the eastlest R V. Mitchell of the Washington exper and most practical treatment. For iment station, in carrying off and abhops, fruit trees, etc. where liquid sorbing excess moisture, sprays are being applied self-boiled lime-sulphur, "atomic sulphur" or very the so-called "dry" districts of the dilute (1-100) lime- sulphur may be state the humidity and temperature used .- O. A. C. Experiment Station.

Use Black Leaf-40 For Thrips

Thrips are particularly serious on ment Station. garden crops such as beans, broccoli, and onions Black leaf-40 and soap or TWO MORE GOLD MEDAL kerosene emulsion as used for aphis control is the standard spray for this insect pest.-O. A. C. Experiment Sta-

Weights of Fleeces Vary -

The weights of fleeces obtained from of butter-fat. She carried calf 258 sheep varies greatly with the individ- days during test and averaged 5.57 per uals in the flock. If the flock was cent. She started test at 4 years 3 culled each year disposing of all ani- months of age. mals that dil not come up to the flock | Alice appeared in the 50 pound list average of fleece weight, the return for eleven of the months she was on in wool would be greatly increased, test. Individual flocks have shown as much Her sire is Pussy's Noble 127,698 as a four-pound increase in the aver- and her dam is Miss Zila 223,301. age weight of fleece over a period of eight years when this practice has Starting test at 8 years 11 months been carried out .- O. A. C. Experiment of age Flossie May St. Mawes 464,923, Station.

Farm Reminders

Silage reduces the amount of hay re- butter-fat. She carried calf 276 days quired in feeding rations by one-thirl. during test. Results show that two pounds of silage is equal to one pound of hay in feeding sie appeared in the 50 pound list. In value. Two tons of silage can be put April she produced as high as 1818 into the silo cheaper generally than pounds of milk and 96.72 pounds of one ton of hay can be put into the butter-fat, stackb. The Union experiment station | She was sired by St. Mawes Tillahas showed that a combination of hay mook 85,535; and is out of Chief's Kitand silage produced in three years ty Dell 207,748; and is owned by Geo. trials twice the gains at half the cost Lawrence and Son, Estacada, Oregon. of gains on hay alone .- O. A. C. Ex- The American Jersey Cattle Club. tension Service.

Loss of nitrogen in the form of ammonia from barnyard manure and from poultry manure in the summer To get results economically most months can be prevented by adding a cattle feeders should use some kind of small quantity of either landplaster or silage in the rations says the United superphosphate These materials should States repartment of agriculure.

make more economical guins, shrink less and make more profits than steers fed on dry roughage, but also make it possible to utilize crops grown primarily in a rotation for restoring the fertility of worn-out-lands.

The comparative value of a number of different silage crops for steer feeding was recently worked out by the department. In one-instance similar in combination with corn silage, corn silage, sorghum and Biloxi soy bean soy bean silage.

it was shown that the capacity of a farm for fattening or wintering cattle may be greatly increased by the use of heavy-yielding silage crops, such as sorghum and Japanese cane. Immna-(Prepared by the United States Department of unproductive orchards. Some of ture Biloxi soy beans mixed with corn those orchards were planted. these orchards were planted on very or sorghum were not so satisfactory, poor soil, and for the worst of these but with late-maturing crops like Japthe only apparent alternative is that anese cane, these soys gave very good of abandonment. Other orchards do results. Sorghum silage and Japanese not produce well because the trees cane and Biloxi soy bean silage are are now badly crowded. For these it steers when supplemented by cotton all accruing costs, appears that the most effective rem- seed meal and molasses.

> BETTER PROGENY BY CULLING. TESTS WITH POULTRY REVEAL

the soil. For orchards composed of That culling the poultry flock to get rid of all those birds execpt the vigorous, prolific layers results in notice In large outlying districts within the able improvement in the progeny is pecan range, yet beyond the limits of shown by recent investigations at the successful culture of southern varie-United States Experiment Farm, Beltsties, the question is how to build up ville, Md. the late moulters selected the orcharding industry, and how to from a flock of 100 Rhode Island Reds extend its range. In regions to which in the fall of 1920 laid seven more tion is that of finding new varieties year than the original flock as pullets. suitable for planting. The native forest and field specimens should be exlowing spring and the first Red pulelts amined for trees bearing desirable nuts to commence laying in the fall of 1921 in sufficient quantity to be profitable. Scions from such trees should be used were found to be the offspring of these late-moulting hens. Their pullets in a for top-working the inferior seedlings. period of seven months have already Small wild seedlings can be worked averaged about two dozen eggs per over to desirable sorts by customary bird more than the original flock. takes made in attempting to top-work

But it is not alone in number of eggs that the late-moulter's progeny old; cutting off branches that are too excel, but also in the value of the product, as the distribution was more set, thus attempting to do too much even, a much larger proportion of the eggs being laid during the winter planted too close together, and top- months. In the last seven months the daughters of the late moulters not only averaged two dozen eggs per bird more than the original flock but the The development of the nut-cracking value of their product was, figuring industry should help the pecan into a at the same prices, about \$1.04 per 12 months of the year market, and give bird more during the same period. It employment to labor during otherwise is expected that this margin will increase during the net five months.

A BOY'S MOTHER

'My mother she's so good to me, If I was good as could be, I couldn't be as good-no,sir! Can't any boy be good as her!

and that the product be kept in a cool | She loves me when I'm glad er sad; and well-ventilated place during the She loves me when I'm good or bad; winter months. As soon as warm An', what's a funniest thing, she says

> I dont like her to punish me-That don't hurt-but it hurts to see Her cryin' en I cry; an' nen We both cry and be good again.

She loves me when she cuts an sews My little cloak an' Sund'y clothes; An' when my Pa comes to tea, She loves him most as much as me.

Straw instead of being burned She laughs an' tells him all I said, -James Whitcomb Riley.

SHERIFF'S SALE

In the Circuit Court of the State of Oregon, for the County of Clackamas

HENRIETTA STANFORD, J. S. STANFORD and D. W. MILES, Defendants.

State of Oregon, County of Clackamas, ss.

By virtue of a judgment order, decree and an execution, duly issued out of and under the seal of the above entitled cause, to me duly directed and dated the 26th day of July, 1922, upon a judgment rendered and entered in said court on the 17th day of July, 1922, in favor of Thomas Slaughter, W. Platt, Springfield has just qualified Plaintiff, and against Henrietta Stanfor Gold and Silver medals by produc- ford, J. S. Stanford, Defendants, for the sum of \$1500, with interest there-

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state of Oregon, to-wit,

Commencing at the Southeast corner of section 12, T. P. 68. R. 1 E of the Willamette meridian, jn Clackamas County Oregon-thence west, 240 rods to the Southwest corner of George T. Slaughter's homestead, thence north 34 rods, thence east 160 rods, thence north 46 rods, thence east 80 rods to the east line of said section 12, thence lots of cattle were fed a ration of cot- South 80 rods to the place of beginning lowing described real property, situtonseed meal and blackstrap molasses and containing 74 acres more of less.

Now, therefore, by virtue of said of Oregon, to-wit: and Biloxi soy bean silage, sorghum execution, judgment order and decree, and in compliance with the commands | the southeast quarter of section seven silage, and Japanese cane and Biloxi of said writ, I will, on Saturday, the 26th day of August 1922; at the hour The best gain was made by the of 10 o'clock a. m., at the front door ian, running thence west, 165 rods, teers fed the straight corn silage, but of the County Court House in the City of Oregon City, in said County and State, sell at public auction, subject to redemption, to the highest bidder, for U. S. gold coin cash in hand, all the right title and interest which the within named defendants or either of them, had on the date of the mortgage herein or since had in or to the above described real property or any part thereof, to satisfy said execution, judgwere planted too close together, and practically equal in feeding value for ment order, decree, interest, costs and

W. J. WILSON, Sheriff of Clackamas County, Ore. By E. C. Hackett, deputy. Dated, Oregon City, Oregon, July 27th

ADMINISTRATOR'S NOTICE

Notice is hereby given that the undersigned has been appointed as administrator of the estate of Richard E. Thompson, deceased, by the County County of Clackamas County, Oregon. Any and all persons having claims eggs per bird during their second against the estate of said deceased are hereby required to present the same, They were used as breeders the fol- duly verified as by law required with proper vouchers to me at the office of my attorneys G. B. Dimick and W. L. Mulvey, Room 3 Andreson Building, Oregon City, Oregon, on or before six months from the date of the first publication of this notice,

ELWOOD THOMPSON, Administrator of the estate of Richard E. Thompson, deceased.

G. B. DIMICK & W. L. MULVEY, Attorneys for administrator.

SHERIFF'S SALE In the Circuit court of the State of Oregon, for the County of Clackamas, MARY E. LAVERTY, plaintiff.

AARON ESCH and RACHEL ESCH his wife; JAMES M. MISHLER and MISHLER his wife FLOYD EMMERT and MARY E. GOUDY, defendants STATE OF OREGON, County of

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more or less, thence south 18 chains | for U. S. gold coin in hand, annum from the 19th day of Novem- By virtue of a judgment order, de- and 62 links, thence east 165 rods, right, title and interest which the be, 1922, and the turther sum of \$75.00, cree and an execution, duly issued out more or less, thence north 18 chains within named defendants or either of as attorney's fee, and the further sum of and under the seal of the above en- and 62 links to the place of beginning them, had on the date of the mortgage.

and the further sum of \$400, as attor-

ney's fee, and the further sum of

\$23.40 costs and disbursements, and

manding me to make sale of the fol-

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tion-Sociology.

U BUST UM

WE FIXUM

saws filed and set,

the costs of and upon this writ, com

and the costs of and upon this writ, cause, to me duly directed and dated Now, therefore, by virtue of said excommanding me ta make sale of the the 17th day of July, 1922, upon a ecution, judgment order and decree, thereof, to satisfy said execution, collowing described real property, sit- favor of Mary E. Laverty, plaintiff, and in compliance with the commands judgment order, decree, interest, costs uated in the county of Clackamas, and against Aaron Esch and Rachel of said writ, I will, on Saturday, the and all accruing costs. Esch, his wife; James M. Mishler and 19th day of August, 1922; at the hour Carrie Mishler his wife; Floyd Em- of 10 o'clock a. m., at the front door mert and Mary E. Goudy, defendants, of the County Court House in the City for the sum of \$7588, with interest of Oregon City, in said County and thereon at the rate of six per cent per | State, sell at public auction, subject to | Dated, Oregon City, Ore., July 20, 1922. annum from the 10th day of June, 1922 redemption, to the highest bidder,

of \$20.50 costs and disbursement titled court, in the above entitled and containing 79 acres, more or less. herein or since had in or to the above

W. J. WILSON, Sheriff of Clackamas County, By E. C. HACKETT,

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