

FARM and GARDEN NEWS

Red Soil Fertilization To Be Field Day Topic

Trials with commercial fertilizers on grasses, legumes and small fruits will be shown at the annual red soils experimental area field day Thursday, June 5. Superintendent Jack T. McDermid announces. The station is located near Oregon City. The field day will start at 9:30 a.m. and continue throughout the day. Clackamas County extension agent John Inskeep and his staff will assist in showing visitors the work underway.

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Timber Owners Urged To Battle Douglas Beetle

Private timber owners are being urged to salvage-log all areas of fire-killed or wind-thrown timber as a control measure for a spreading timber pest, the Douglas fir bark beetle.

Paul N. Goodmonson, Oregon State College extension farm woodlands marketing specialist, says a heavy known infestation of the beetle are in Coos, Douglas, Lane and Lin Counties. Trees infected with Douglas fir bark beetle die from the top down, the specialist adds. The first season, the tree top needles turn red; later they fall leaving a bare top.

Killing progresses down the trunk and eventually the entire tree is destroyed.

Goodmonson says the current beetle outbreak is due to a variety of conditions. Among them is the large amounts of green timber which has been blown down, forming ideal breeding places for the bark beetles. Large amounts of logging slash which has remained unburned and the large stands of fire-killed timber afford excellent

places for the insects to increase.

Dry summers recently have reduced green timber vitality and Goodmonson says fewer insects are required to kill a tree. During normal years a healthy tree withstands the onslaught by "drowning out" the pests with its pitch flow. As vitality goes down, sap flow is also affected.

Salvage logging in areas where the insects can breed is the only practical means of controlling outbreaks. As the bark beetles do not all emerge from their host trees at the same time, it is impossible to control them with an aerial spray such as is used to kill spruce budworm.

A survey is now underway to determine areas where the major outbreaks are taking place. First phase is an intensive aerial check of all western Oregon. It is being conducted by the Oregon state board of forestry, the Weyerhaeuser Timber company and the U.S. bureau of entomology and plant quarantine.

Farmers Group Sets Annual State Meeting

Oregon State Horticultural society, Oregon's senior farm organization, will hold its sixty-seventh annual meeting at Oregon State College, November 20 and 21, society president Tom Harper, Junction City, has announced.

Carl Robertson, head of the Eugene Fruit Growers Inc. field department, will serve as chairman of the program committee, assisted by Dan Young, Eugene. Former President Ward Spatz, Medford, has agreed to assume responsibility for engaging a nationally known industry spokesman to be featured speaker.

As a preliminary measure before lining up a slate of program speakers, the society membership has been canvassed with a request for suggestions. More than 160

have been received, according to Harper.

The society will hear a report from a farm committee headed by Walter Bailey, The Dalles, which is studying the possibility of establishing a research and scholarship committee. Its purpose would be aimed toward furtherance of the industry.

Camas To View 'Petra' Movie

An unusual documentary movie showing an ancient city carved out of solid rock will be shown at the Camas Valley Methodist Church on Saturday June 7, at 7 p.m., standard time. The film, "Petra, The Rose Colored City Of The Dead," is being sponsored by the church's youth group.

Located about 50 miles from single inhabitant, the south end of the Dead Sea, it has been a ghost city for 1000 years. The original inhabitants were the Egyptians, followed by Romans, then by Crusaders. Perhaps the most outstanding feature, however, is its color. All colors and hues of the rainbow are present, Dr. Talbot said.

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Sickles for reaping grain date back to the Stone Age.

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Oregon 4-H Agents Receive Scholarships

Two Oregon county 4-H extension agents are among 48 extension workers in the country named to receive scholarships for training in human development education at the University of Maryland Institute for Child Study June 23 to August 1. They are H. Joe Myers, Linn County, and E. M. Hauser, Malheur County, State 4-H Leader.

The scholarships were made possible by a grant of \$10,500 from the Sears Roebuck Foundation to the National 4-H Club Foundation.

The program will include lectures by prominent psychologists and educators who will explain different aspects of human motivation and behavior. Laboratory sessions will give the agents a chance to apply principles learned from the lectures to actual "growing up" problems of young people.

New Bulletin Aid To Sheep Management

It is questionable economy to feed more than 100 pounds of grain annually to a ewe and her offspring, says John H. Landers, Jr., in a new Oregon State College extension bulletin, number 723, "Sheep Management in Oregon."

Copies are available free from the county extension office or directly from Oregon State College. Landers, a county extension agent - at - large, says increased costs which have cut down large sheep operations in Eastern Oregon and the increase in small farm flocks, has made sheep management a problem on farms not previously concerned.

He discusses buildings and fences, labor, rams, ewes, diseases, lambing, docking and castrating, feeding pastures, shearing, marketing and parasites. Landers explains that labor involved in raising small flocks is small but dogs frequently become a problem, especially in densely populated areas.

Winter feed requirements usually run about 300 pounds of good quality hay per ewe. A main disadvantage to the small flock, he adds, is the cost of the ram per lamb sired.

Douglas County Poultry Meet Due Saturday

The second annual poultry field day will be held at the Douglas County Fair Grounds on Saturday, June 7, according to Wayne Mosher, assistant county extension agent. Starting time for the meeting will be 10:30 a.m. DST. Plans have been made for a free ham sandwich lunch at noon. The meeting will close at about 2:30 p.m. C. W. Norton, of Northwest Poultry and Dairy Products Company, will be one of the featured

Committee Urges Better Use Of Water Resources

Water is Oregon's great recurring resource.

That's what Marshall N. Dana, Portland, said while giving the report of the agricultural relations committee at the recent agricultural conference at Oregon State College. The committee recommended, Dana added, that every town and community dependent upon central water systems plan on doubling its capacity for storage and delivery within the next 25 years.

Oregon must plan on an additional million persons within the next 25 years, he said.

The committee recommended for those waters within the state that all interests be coordinated in over-all planning for a multiple use program based on six points: domestic, agriculture, industrial, hydro-electric, fish and wildlife, and recreation.

An industry section of the committee suggested that industrial

development be sought that will utilize products of farm and forests. It was their idea that research at Oregon State College lend every effort toward finding new products, processes, equipment and methods to facilitate the program, especially with reference to wood and agricultural wastes.

Farmers will want to irrigate an additional million acres of land during the next quarter century, the committee visualized. Industrial expansion to take advantage of hydro-electric power and to serve the growing population will double or treble water demands.

Recommended for farmers was the development of at least 3,000 on-farm storage dams with a capacity of a million acre feet of water. Hoped for development of public projects to store upwards of 3,000,000 acre feet of additional water on presently known sites in order to put in motion expanded irrigation was also expressed.

Studies Show Better Grading Of Hop Crops

Some of the standards used for many years by the hop trade to judge hop quality may be on the way out as a result of studies at the Oregon State College agricultural experiment station.

Hop quality tests at OSC, made in cooperation with the United States department of agriculture, have shown that some physical factors are not good measures of soft resin content, which is the important thing in hop quality.

Discoloration, general appearance and damage, long used to help determine hop quality, proved unreliable as a measure of quality, x-ray which caused by own, mildew or sooty mold. Some reddish or yellowish-colored hops are far richer in soft resins than green-colored hops, the tests showed.

Color and condition of lupulin also were determined to be poor measures of soft resin content.

Several other physical factors, the studies to be definitely related on the other hand, were shown by hop quality. Broken hops, for example, contain less soft resin and are generally of poorer quality than whole hops. Moisture content was found to affect the amount of broken hops. Lupulin content, estimated physically, also was discovered to be a reliable indicator of total soft resin content.

Tests were made at OSC on the 1949 and 1950 hop crops. A detailed summary of the 1950 crop tests has just been published by the experiment station as circular of information 511. Authors are G. R. Hoerner, USDA pathologist; D. E. Bullis, OSC experiment station chemist; and D. D. Hill, OSC experiment station agronomist.

Copies of the publication are available at county extension offices or direct from the college.

4-H Leader To Give Talk At Lookingglass Church

Rev. Marion Kummer, Douglas County 4-H Club leader, will be guest speaker at the Lookingglass Church on Sunday, June 1 at the regular worship service at 11 A.M. Daylight time.

speakers. He will explain processing and handling of poultry by a processing company and answer questions from the audience. Mr. Norton is head of the company owning the local processing plant through which most of our local poultry meat is marketed.

Enforcement of the Oregon egg law will be discussed by one of the state inspectors, John St. John. Mr. St. John has been doing some of the inspection work over the state and will discuss what is being done and what should be done to help with enforcement. All interested persons are cordially invited to attend.

of commission game agents and trappers, who are checking streams opened for the November 15 to January 15 beaver season, show no appreciable effect on the beaver population. Farmer complaints of damage to fruit trees, blocking of ditches and drainage tiles, and holes in the dikes by the aggressive rodents have not diminished.

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IS THE PRES. HONEST?

Sometimes when we read or hear utterances by our president, in which he bemoans his opposition for trying to prevent him from "bringing lasting peace to the world," and other Utopian dreams he has, we think he is really honest, but just misguided.

But when he comes out, as he did in a speech last week, from which we will quote a few words, (not verbatim), we think he couldn't be honest, if he believes what he says. And if he doesn't believe it, he can't be honest either.

In berating private power companies he says: "These monopolies keep two sets of books; one for tax purposes, and the other for the purpose of establishing rates. The latter showing huge differences."

Now, if the President KNOWS this for a fact, why in thunder doesn't he have his department of justice do something about it. Goodness knows he needs something to take the public mind off the rottenness which so completely permeates his administration!

If these power companies are actually evading taxes, as he says, they should be prosecuted, and he could have it done. And if he fails to have it done, he certainly must be accused of dishonesty. WHY is he dishonest in this respect?

On the other hand, if these companies are not guilty of the law violations he accuses them of, what can we call his statements? Only one short ugly word, and a fighting word at that, can cover the situation. Abraham Lincoln said: "You cannot further the brotherhood of man by encouraging class hatred." We suspect Pres. Truman's words of accusation against the power companies is mainly for the purpose of "encouraging class hatred." If so, then his oft expressed wish to establish the "Brotherhood of Man" all over the world must be a false pose, for purely political purposes.

Other quotations from Abe might well be considered by the president. "You cannot bring about prosperity by discouraging thrift. You cannot help the wage earner by pulling down the wage payer. You cannot help the poor by discouraging the rich. You cannot establish sound security on borrowed money. You cannot keep out of trouble by spending more than you earn. You cannot build character by taking away man's independence. And you cannot help men permanently by doing for them what they could and should for them-

selves." Is Honest Abe right? If so, Honest Harry is wrong, for he is going diametrically opposite to every one of Lincoln's principles. We sadly fear that honesty in the highest places is more a wish than a fact.



Switching land that produced up to 168 bushels of corn per acre to pasture and hay sounds crazy. Yet Carl Harvey, an Indiana farmer did just that. Now he makes more from the hay and pasture than he ever did from his cornfields.

Up until quite recently, we have seen thousands of acres of land in Douglas County on which we doubted one could raise a disturbance with forty rod whiskey. But now, we know that even such land will bring fine cash returns if seeded to pastures and meadows.

A couple of weeks ago we had the pleasure of going along on a "grass tour" sponsored by Co. Apt. Roland Parker. We saw wonderful stands of sub-clover and lotus on land just like we describe above. Not only will these forage crops grow well, but they will improve the land and increase its productivity while making money for the owners.

We have a natural climate for livestock and poultry production. But we can't make much money ranging them on tickle grass pasture and Tipton weed. Sub-clover and lotus will choke out those weeds, and make Douglas County a real "Land of Milk and Honey." Milk from the grass and honey from the clover and lotus blossoms. (See the Flour Mill about seed.)

DIVORCE GROUNDS

Lois: "I'm so mad I could bawl! Last night I dreamed some blond was flirting with Jim, and he was lapping it up like a kitten laps warm milk."

Helen: "But why get het up about a dream?"
Lois: "Well, after all, if he would act like that in MY dream, he wouldn't stop at ANYTHING in his own."

ALL MASH vs. MASH SCRATCH

In a 3-year experiment in Wyoming, using New Hamps, egg production was better with a 17 per cent all-mash ration than with a 25 per cent mash-scratch ration. White Leghorns also gave better production, though not quite so pronounced.

Feed cost per dozen eggs was less on the all-mash ration; and mortality was lower in each year of the test. Labor was definitely much less, as would be expected.

At the Douglas Flour Mill we have an excellent all-mash ration, which we call UMPQUA CAGE RATION. It so happens that we have made this ration to analyze just 17 per cent protein. It includes extra oyster shell and sufficient grit. We recommend it to anybody under practically any condition, whether you use cages or floors.

Umpqua Cage Ration is complete in every way, and is well enough fortified in vitamins and minerals to make an outstanding Breeder's Mash. With hot weather coming on, your birds will need more protein, and less scratch grain. You will also want to go fishin' occasionally. Using this ration, you can feed when you want to. Fine also for those of you with small sideline flocks, or small pens for your own eggs and meat.

ON THAT BUM FEED

We sold our exp. turks last week. Age 46 days, average weight for Belts and Bronze 3 lb. 7 oz., feed conversion, 1.76 pound feed to produce 1 pound turkey. We had better wts. on our Kindergarten Feed, but slightly greater costs about offset it.

You can get just as good results with UMPQUA TURKEY FEEDS. Maybe even better, but watch your sanitation. It can get Gosh-awful dirty around feeders and waterers in a few hours. Keep your equipment clean and on the move. It will pay in lots of ways. But by all means, watch your costs, which will mean using the best feed for the least money. UMPQUA TURKEY FEEDS.

Jones: "Your wife seems to be completely recovered from her nervousness. What happened?"

Smith: "Easy! The doc told her nervousness was just a sign of old age."