

# NEWS OF FARM LIFE

GRANGES

COUNTY AGENT'S REPORTS

CROP NEWS

DEPARTMENT OF AGRICULTURE NEWS



## Seed Sowing Is Best Propagation

### Expert Offers Information as to Methods and Varieties of Plants to be Grown.

By HENRY FREE  
Most plants are raised from seed in spite of the many other methods of propagation. There is no other way of increasing one's stock so easily.

Because most seeds endure a long period of dormancy they can be stored and used as wanted. Propagation by cuttings and other vegetative methods are controlled by the seasons.

Few seeds have 100 per cent germination chances. In planting it is always best to allow enough extra seed to cover the failure of a certain percentage to sprout.

Moisture and darkness is required by seeds for sprouting and ordinary soil provides the easiest method of supplying both. A point to remember is that very fine and small seeds must never be sown with more than a thin layer of soil over them.

A good plan is to have the covering layer of finely pulverized soil. Scatter the seed, rake in gently, and tamp the soil with a board to hold them firmly so that they will germinate.

It is a good rule to plant seeds two or three times as deep as their size, whether in rows or sowing broadcast. Plant somewhat deeper in sandy soils, as these are drier and will require more moisture. Germination of generally handled seeds is in a few weeks, but in some cases it is much longer.

### Suggestions on Varieties.

While many seeds can be sown where wanted, there are others that must be transplanted into their final location.

Chief among these are the following: Agave, African daisy, China aster, Swan river daisy, cosmos, Cape Marigold, godetia, strawflower, lulsam, marigold, zinnia, nemesis, Drummond's phlox, petunia, sulphurea, salvia, schizanthus, sandalwood, blue lace flower, four o'clock, scabiosa, verbena, verbena, and Madagascar periwinkle.

Vegetable plants such as tomatoes, peppers, the cabbage tribe, celery, cauliflower, eggplant, asparagus and rhubarb must also be transplanted. Most garden peonies, crochisms, plants, trees and shrubs improve if they are sown in a specially prepared seedbed and later transplanted.

Seeds being shallowly planted are likely to dry out and must be watered with a gentle fine spray, preferably in the late afternoon.

### Not Too Much Water.

While moisture is a prime necessity, it is not advisable to keep a steady watering. You can avoid this and still keep seed flats or pots moist, by shading them with lath screens, muslin or paper. A sheet of painted or ground glass can be used on small flats or pots.

Take care that too much moisture does not accumulate, make the covering during heat of day to permit passage of air. A grouping of flats and pots in cold frame permit simple use of a large screen.

As soon as the seedling makes its second leaf, it should be transplanted or pricked off. Use a pointed stick if plants are too small to handle.

Transfer each seedling to the flat individually, plant about 1 inch apart, and gently press each in place. When these touch each other, in a week or two, they are ready for transplanting into pots or into permanent quarters.

Water a pan-sprayed seedling very gently with a fine spray. Damping-off, due to a growth of fungus, is prevented to a degree by the use of formaldehyde dust incorporated in the soil. Fencing the soil with charcoal is also beneficial.

After the seedlings have been planted, they should be given a good watering and should be shaded from the direct sunlight for a few days. Having recovered from their slight shock, they must be allowed plenty of air and light.

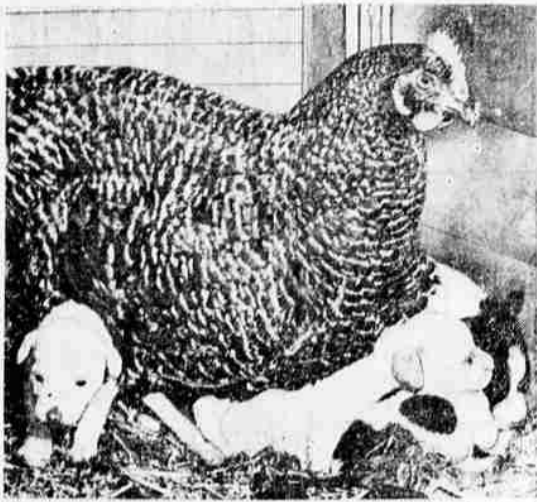
Pinch the seedlings back to encourage better roots and stockier top growth. Do not allow them to remain in flats or pots too long as plants become lanky and weak.

## News of 4-H CLUBS

According to County Club Agent E. A. Britton, 200 marketing essays have already been received and checked over. They will be returned to the leaders of each marketing group this week, with a ribbon for each member. So far, Mr. Britton states, the essays have been exceptionally fine and certainly have been sent in on time. There are a few yet to be sent in. These are expected in the early part of this week.

The marketing day program, as arranged by the agricultural committee of the Roseburg chamber of commerce, will be held on Saturday, April 13, which is the same date set for the high school girls county play day. Full details of the program will be sent out to each leader of marketing groups. Each leader, of course, being the

## Takes Pups Under Her Wing



When puppies were born to fox terriers owned by Robert Smith, of Sacramento, Calif., this hen muscled in and took charge of them. The mother only gave their offspring at feeding time, when they lean forward to drive off the "pupping" hen.

## FLAPPER FANNY

By Sylvia



"Now, let's understand each other—do I hafta be a fine, brave, big girl or can I yell?"

teacher of the eighth grade.

Some inquiries have been received by the county club agent asking why certain children who are in the eighth grade were not allowed to take the marketing project. "This project," explains Mr. Britton, "has been offered to every eighth grader in the county through the teacher, of course. No pupils excepting those who have completed the marketing project will be invited to participate in the marketing day program."

The Roseburg Kiwanis club is taking its program and a number of guests to the Azalea grange at Azalea Tuesday evening of this week. The Azalea grange has a new stage and some new light fixtures, and is all set to receive the Kiwanians and their friends. The Kiwanians go next week to South Deer creek.

The "Coca Cola" entertainers go to Elgarose community on Thursday night of this week, where they are looking forward to having a highly time. "People of Elgarose report their hall all ready for the program and they, too, will look forward for a fine time. The "Coca Cola" program will be given to the Garden Valley Ladies club next week.

The 4-H local leaders will hold their April meeting at Wilbur Monday evening, April 8, at eight o'clock. The meeting will be held in the school building. Plans for marketing day will be completed and during the same evening plans will be completed for the spring 4-H club later, one of which will be held in the south end of the county on Tuesday evening, May 9, at Canyonville, another at Prich in the north end of the county Friday evening, May 10, and the other at Roseburg for the central section Saturday, May 11.

The Women's Auxiliary Wool Growers association has sent word to County Club Agent Britton that they will again back up the 4-H sheep growing project in Douglas county by offering a special award of \$5 to a 4-H girl member exhibiting at the County Fair Lamb show on the following basis: The must be a first or second-year exhibitor, he must be interested in sheep and wool, he cannot be a high place winner at the show but must have shown real interest and must have done a good job of fitting and showing, his clubman-ship for the year must be good—attendance and participation in his club activities he must submit an acceptable record book, if possible the award is to be given to the

## Fight Plant Pests When Both Young

Getting rid of the insect pests when plants are in their infancy and most vulnerable to damage is half the battle. No application of insecticide is so important for cucumbers or tomatoes, for instance, as the one made when plants are but a few inches tall.

In the last few years notable contributions have been made to the effectiveness of insecticides, although they are based on age-old practices, utilizing the dried flowers of pyrethrum which have been used for centuries for insect powder; and a substance called rotenone, which is obtained from the roots of derris, an Asiatic plant which has long been used by savages to kill fish.

Considerable change in spraying and dusting methods have resulted from these two substances. Both are known as contact poisons, which means they kill what they touch, and they have the advantage of being harmless to man and domestic animals, while being death to insects of all kinds.

### Nicotine and Arsenic

Prior to the development of these materials, a carbide was used to use a contact poison to kill aphids and other insects that drink plant juices; and a stomach poison for the leaf eaters. Nicotine was the most reliable contact poison and arsenic was used for the leaf eaters. A number of preparations are now offered under trade names which furnish all-around protection, by combining both pyrethrum and rotenone in one spray.

Although it is possible to get each of these substances separately, they are usually prepared in a mixture which needs only a dilution of water.

Rotenone, government experts say, is thirty times as powerful as arsenic as a stomach poison, and fifteen times as powerful as nicotine as a contact poison. It is harmless to warm blooded animals, but keep it away from gold fish. Both pyrethrum and rotenone are inclined to be unstable, which means that they lose their power under certain conditions. In purchasing trade preparations of these materials inquire about this and be assured that your product will not lose its effectiveness before you get a chance to use it.

Nicotine and arsenic are still used in the garden effectively, a point of arsenic powder to ten pounds of pyrethrum is probably still the best check of the striped beetle for cucumber and squash vines, or for other caterpillars and beetles. It will burn the leaves, however, if you apply too thickly.

## Oregon License Required for Sales of Plants

A recent check of places selling penny and lily plants developed that this type of plant is being sold by many without the necessary state license, reports the state department of agriculture. Violators will obtain licenses or discontinue sales.

Sales of these plants may be made without license only up to \$20 worth and then only when the plants are given incidental to farming operations and are sold unaccompanied by any form of advertising. This bars even a placard.

## Satin Moth Quarantine Includes More Counties

California has revised its satin moth quarantine to include three

more Oregon counties which became Oregon last year, Director J. D. Mickle of the state department of agriculture has been advised. The revised quarantine prohibits shipment of any variety of willows or poplars or parts thereof from Hood River, Clatsop and Lane counties, as well as those previously included: Benton, Linn, Clackamas, Clatsop, Columbia, Marion, Multnomah, Polk, Washington and Yamhill.

Only condition under which willows or poplars can be shipped into California from these counties is that the stock be grown in a county free from satin moth and only stored in these counties. Such stock must be accompanied by a certificate from an authorized inspector showing that it did not come in contact with satin moth or areas where stock infested with the moth had been stored.

## Pine Tree Grows Around Mountain Sheep's Skull

JACKSON, Wyo. (AP)—About 200 years ago—as Keith Stilson, a Jackson Hole guide, figures it—an Indian was lucky enough to bring home some mountain sheep steak for dinner.

After dressing the carcass the Indian hung the skull on a small tree and forgot about it. Recently, Stilson saw a peculiar growth on a big pine tree and examined it. Completely embedded in the trunk about five feet above ground, was the sheep's skull.

## Daffodil Shipments From Curry County Are Heavy

Curry county bulb growers completed shipping 1,000,000 cut daffodils just before Easter, reports C. A. Cole, horticulturist with the state department of agriculture. Chief markets for these flowers were San Francisco, Seattle, Portland and some eastern points.

## Farm Program Is Topic at Pomona

### Myrtle Creek Meeting Hears Report on Crop Surveys and Address by State Master.

Much interest is being shown in the agricultural program for the granges of the county, Fred A. Goff, agricultural chairman, and grange deputy, reported at a meeting Saturday of Douglas county Pomona grange at Myrtle Creek. The program was adopted Jan. 26 at a meeting of grange masters and agricultural committee chairman at Roseburg. Good progress already is being made, Mr. Goff reported.

He also announced a county-wide survey shows estimated increases in the turkey industry, dairy cattle and nuts. Sheep and wool prices are favorable, he said, but foreign imports of nuts, sheep and wool may have an effect on markets.

Stress was placed on the program for beautification of grounds surrounding grange halls, a project proposed for adoption by all granges for the current year.

Saturday's meeting was well attended with representatives present from Melrose, South Deer Creek, Myrtle Creek, Evergreen, Glendale, Camas Valley, Riddle, Riverside, Azalea, Kellogg and Sundaide subordinate granges.

State Master Ray W. Gill was present and spoke briefly.

Mrs. Alice Goff of Melrose grange was elected an alternate delegate to the state grange, which meets at Salem in June.

It was announced the next meeting of Pomona grange will be held with Azalea grange, June 29.

### Lecturer's Program

The afternoon session was devoted to a program presented by Paula Anderson, lecturer. The program was opened by musical

selections by Curtis Nichols and Charles Pope of Azalea Young Grangers association. Cornelius Miller, district YGA chairman, spoke on the accomplishments of the young people's group in Douglas county. Curtis Nichols and Dorothy Tanner of the Azalea group presented a guitar and harmonica duet. Floyd Felt of Melrose YGA gave an interesting reading, which was followed by two vocal selections by Roy Wickstrom and guitar and harmonica duets by Roy Wickstrom and Wayne Nelson. A tap-dance number by Opal Chaney and June Potter was followed by a duet by Clara and Peggy Ellifson of Myrtle Creek. A short skit, entitled "The Poor Little Match Girl," was given by Cecil Benny, and a short pan-

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