

SANDY, OREGON, THURSDAY, JULY 28, 1949

No. 39

## FARM FACTS

What About Commercial Fertilizers?  
Agent Says It's an "iffy" Question

Continued use of commercial fertilizers improve or improve the soil? Allen Joy, Redkey, asked that one out of a series of questions during an office visit last week. We told him that his "iffy" subject. About that John Coulter, formerly of the John Sinclair, came in with the Soil Conservation Service, Chehalis, came in with a call. John Sinclair, our guest was in another room. We called a meeting forthwith and had a free for all discussion.

There are some of the ideas we are well agreed upon. Generally speaking, good agriculture is a continuous round of building up and then breaking it down. The primary use of commercial fertilizers is in using them to build up the soil. However, supplemental commercial fertilizers may be used to advantage and without detriment in certain instances. Fertilization of irrigated string beans is a good example.

**Use of Grass Effective**  
John Sinclair, Scot farmer told us that rotation pastures, those growing over a period of four to five years, are commonly used for building up soil humus in the British Isles. Pasture grasses and legumes in humid climates require large applications of the common fertilizer elements, nitrogen, phosphorus, potash and limestone. Nor can any better use be found for commercial fertilizers.

When plowed, these pasture lands have renewed fertility similar to plowing of native sod. We would point to many examples

here at home. Perhaps, some day, we may come to regard, what we now call permanent pastures, as rotation pastures. Like John Sinclair, John Rowsell from Hampshire, England, was a Nuffield scholar two years ago. He visited Clackamas county at that time. John Sinclair tells us that Rowsell started farming only 10 years or so ago on chalk land with only two inches or so of topsoil. By planting his fields to rotation pastures and fertilizing them heavily, he now has more than ten inches of topsoil. And, he has made his operations pay handsomely.

## FERTILIZERS FOR BERRIES?

Growers here have commonly regarded use of commercial fertilizers on strawberries and caneberries to be a good practice. We have questioned their value as far as strawberries are concerned except for phosphates applied at depth.

Several years ago a ten-year-old field of chewing fescue on the Red Soils Experimental area was broken up. The soil was then limed and nitrated to break down under composed fescue plants and roots. Following a vetch green manure crop this land was planted to Washington red raspberries and a fertilizer experiment started. Nitrogen phosphorus and potash fertilizers have been applied singly and in combination, in sub-surface bands and disced in.

All of which is unimportant. Superintendent Jack McDermid reports little significant response to these commercial fertilizers during the first two crop years.

That report is important. The point is that this land was renewed with grass humus prior to planting raspberries. The grass was grown with the aid of commercial fertilizers.

## HOW ABOUT MANURES?

Now in answer to those who will say, "Just give me plenty of good old barnyard manure," we devote the following questions and remarks.

1. We grant the value of barnyard fertilizers properly stored and applied.

2. Just how are we to obtain barnyard fertilizer in sufficient quantity for most farms without purchase of feedstuffs in quantity? This is particularly true on a farm on which the soil has previously been depleted.

3. Even if barnyard manure were available in quantity addition of limestone and phosphorus is desirable and will eventually become essential.

4. Barnyard manure is not produced on the farm without livestock.

5. Livestock is the next step in the farm program after the pasture is obtained, as illustrated in every nook and cranny in Clackamas county.

6. Commercial fertilizers are highly desirable we might say essential in the pasture program even including commercial nitrogen.

And so we are right back where we started.

Sinclair read this and laughed. He reports an Old Scotsman as saying, "Ye cannot use turnips to make dung and ye cannot use dung to make turnips."

## DDT FOR GRAIN WEEVIL

Grain weevil causing damage this year? If so, a good cleanup and spray application of DDT prior to harvest may save a good round figure during the next twelve months.

Here are a few suggestions. First, remove all of last year's grain from the bins. If local seed cleaners have available space they might treat last year's vintage

## 4-H Founder at O. C. Offices

T. A. (Dad) Erickson, Consultant on Rural Services with General Mills, Inc., and outstanding national figure in 4-H club work, was a visitor at the 4-H club office in Oregon City recently. Mr. Erickson or "Dad" as he is nationally known, is a symbol of all the fine ideals the four H's stand for. He was the first state leader in Minnesota and founder of club work in that state. Mr. Erickson has done much through the 4-H club program to develop happier family life, sounder communities and better managed farms and homes. He has most effectively encouraged parent cooperation.

Among the books which Mr. Erickson has published that have been of much value to leaders and members in the 4-H club program are "Guide Posts for Local 4-H Leaders," "Parents' Part in 4-H Club Work," and "The Church and 4-H Clubs."

Mr. Erickson was accompanied by L. J. Allen, State Club Leader for Oregon.

Clackamas County is fortunate in having had such an outstanding 4-H guest as Mr. Erickson states Myrabelle Paul, County 4-H extension agent in home economics.

## Former Governor To Speak During Jersey Club Meet

Charles A. Sprague, publisher of the Salem Oregon Statesman and former governor of Oregon, will be guest speaker at the annual picnic of the Oregon Jersey Cattle Club to be held at the Clackamas county fairgrounds, Canby, Sunday, July 31.

This announcement was made today by Charles E. Finnegan, president of the Clackamas County Jersey Cattle Club, host group for the event.

The affair begins with a potluck picnic meal at noon and Jersey clubbers from all portions of the state are expected to attend this keenly anticipated occasion.

cheaply and effectively. Home treatment is difficult. Anyway, to do a good job the entire granary should be cleaned and refuse burned.

Then spray floors and walls with a five percent solution of DDT being sure to get plenty of material in cracks and crevices. This procedure will pretty well eradicate weevil from the granary and eliminate trouble during the coming year.

Grain weevil are distributed from place to place on grain bags, grain and feed. They do not fly. One good cleanup, therefore, may be sufficient for several seasons.

## DROUTH GOOD FOR HAY

"It is an ill wind that blows good to nobody." So goes the old saying and we are thinking of it in connection with the current drouth which has dried up our pastures and some of our crops as well. That is the bad part of the situation. How about the good part of it? Well, for one thing we got up a supply of good hay. It looks now as if all of it will be needed, together with last year's carry over.

And then we are provided with excellent conditions for controlling quack and other creeping grasses by dry plowing. Here is our recommendation.

Directly after harvest is over do a thorough but rough job of plowing. The idea is to dry out the topsoil and to turn grass roots to the sun. The rougher and clodrier the soil after plowing the better. Nor is further cultivation prior to fall seedbed preparation necessary unless we get a heavy rain.

Dry plowing is hard on plow shears and takes plenty of power, but it is effective. Disc plows take less power but few are available here.

## Field Mice Hurt Berries in County

Field mice damage in berries has been observed in plantings throughout the county reports Leon Garolan, Jr., county extension agent.

Mice generally follow behind moles, using mole runways where they have access to roots. Most damage to berries is caused by mice feeding on roots, but also of some effect is the hot air which passes down to the root zones through the runways, drying the soil and roots.

Because of the severe winter, which drove field mice underground where they fed on roots, damage to berries is more widespread than in past years.

Poisoned wheat, especially prepared for field mice control, is available from the county agent's office.

## NURSERY TO START ON LOOP

Mr. and Mrs. Anton Murilo of Los Angeles have bought the Charles McCort home on the Loop highway east of Alder Creek. They plan on starting a nursery.

## County Ag. Office Lists Prize Cows

For the sixth consecutive month, Silky, a registered Jersey cow owned by Rex Ross, Monitor, qualified as an outstanding individual cow by producing in excess of 75 pounds of butterfat per month, according to reports of DHTA supervisors: Richard Gale, Milton Corum, and L. C. Berney. Silky made 75.2 pounds for June. Babe, who is also owned by Ross and has been on the outstanding list for four consecutive months, made 83.2 pounds. Flora, a registered Jersey belonging to Ross also qualified during the month of June with 79.6 pounds.

Fifteen other cows qualified during the month of June with a butterfat production of 75 pounds or more. These cows are: Queen and May, registered Jersey cows owned by Mrs. A. Vanderbeck, Marquam, with 78.2 and 86.9 pounds respectively; Doreen, a registered Jersey belonging to Dawson and Broderick, Molalla, with 75.3 pounds; Elsie, a registered Jersey owned by Johnnie Dawson, Molalla, with 75.2 pounds; Duchess, a Jersey belonging to E. O. Hoffman, Highland, with 85.6 pounds; Jane, a Guernsey-Shorthorn owned by Griffen and Leddy, Redland, with 76.3 pounds; Muriel, a registered Jersey owned by Zack Fitzgerald, Boring, with 75.7 pounds; Frankie and Judy, registered Holsteins owned by Dr. J. B. Harrison with 78.3 and 78.0 pounds respectively. Annie has been on the outstanding list for five consecutive months, now.

Katherine, a registered Jersey owned by the Edgecliff Jersey Farm, Mulino made 102.6 pounds of butterfat during June; Alice, a Jersey belonging to Milton Linder, Central Point produced 4.6 pounds; No. 12, a registered Guernsey owned by Stachely Bros., Central Point, made 88.0 pounds; No. 13, a Guernsey belonging to John Kunzman, Oregon City, produced 94.1 pounds; and Sue and No. 21, registered Holsteins owned by Rudolph Lischer, Rosemont, produced 95.6 and 76.6 pounds of butterfat during June.

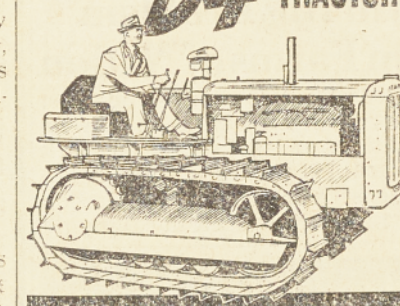
High production of dairy animals is achieved through good breeding, testing, culling and good feeding and management practices, say Don Coin Walrad, county extension agent.

## Warnings on DDT By OSC Booklet

While DDT residues are not as acutely poisonous to humans as many other common spray materials, care is necessary with vegetable to see that residues left are kept low to avoid any danger from daily consumption, reports Dr. R. H. Robinson, chemist, and Leon Terriere, research assistant, in an OSC experiment station circular of information, "DDT Residue Problems on Vegetables."

DDT at proper concentrations and under approved methods described in the circular may be used safely on practically all garden crops except spinach, lettuce and similar leafy vegetables. With broccoli and tomatoes not late applications are recommended. With beans no applications after pods are three inches long are recommended except where processing will remove residues.

## THE NEW "CATERPILLAR" D4 TRACTOR



with 43-Drawbar H.P. - 48 Belt H.P.

## Means more work done

Higher average working speeds are yours with the new Diesel D4. Travel speed in each gear remains the same but 20% more pull at the drawbar makes it possible to do many of your present jobs at one speed higher. For example, former second gear loads at 2.4 M.P.H. may now be pulled in third gear at 3.0 M.P.H. ... 25% faster travel. And instead of returning up adverse grades in fourth gear (3.7 M.P.H.) the increased power makes fifth gear travel (5.4 M.P.H.) practical on many jobs ... a speed increase of 46%.

## HESSEL Implement Co.

Phone 229 Gresham, Ore.

## Top Guernsey Men Receive Prizes at County Club Show

H. F. Boeckman, Wilsonville, and Eob Matlock, Beavercreek, proved themselves to be champion Guernsey cattle judges at the July meeting of the Guernsey Cattle Club which was held at Selander's Alder-Dell Farm near Sherwood.

Boeckman won a show halter donated by Buchanan - Cellars Company, Canby, by scoring a total of 355 points out of a possible 400 in judging four classes of Guernsey cows. Matlock topped the 4-H and FFA group by scoring 325 points to win a brush and comb donated by the Guernsey Club. Several 4-H members failed to put their names on the score cards.

Approximately 85 people attended this meeting of the Guernsey Club which started off with a potluck lunch at noon. Hans Leuthold, President of Oregon State Guernsey Club was a visitor. Elmer Meadows, field representative of the American Guernsey Cattle Club acted as official judge for the judging contests.

## BORING COUPLE HAS SON

BORING—A son was born to Mr. and Mrs. W. E. Davis, at 3:30 a.m., Thursday at the Emanuel hospital, Portland. The boy weighed six pounds, eight ounces.



Another 30 million acres will burn this year --

Unless YOU are careful. REMEMBER ONLY YOU can prevent forest fires!



WALRAD INSURANCE AGENCY

Phone Sandy 861

Main Street

Sandy, Oregon

73 Years of Service to This Community



Congratulations to the Sandy Pioneer Society.

We hope you have an enjoyable picnic Sunday.

**BAKED BEANS** Heinz 1 lb. tin 17c  
**FLOUR** Occident 25 lb. apron bag \$2.09

## GROCERIES

**JELLO** 2 pkgs. 15c  
**WAXPAPER** Zee roll 27c  
**Occident Devil's Food**  
**ASPARAGUS** Walla Walla, 10 1/2 oz. tin 19c  
**Cake Mix** pkg. 35c  
**CORN** Mission cream style No. 303 tin 13c  
**FRUIT COCKTAIL** Shurtline No. 1s 19c

## PRODUCE

**Albers Flapjack**  
**Pancake Flour** 4 lb. bag 47c  
**Lumber Jack Syrup** gal. \$1.89  
**Grapes** Seedless 2 lbs. 35c  
**Corn** Fresh, green 6 for 25c  
**Tomatoes** lb. 18c  
**No. 2 Potatoes** 50 lbs. \$1.29

## MEATS

**PORK FEET** Armour's, 14 oz. glass 35c  
**TREET** 12 oz. tin 39c  
**TUNA** Coral solid pack tin 37c  
**SARDINES** Tomato Sauce 8 oz. tin 2 for 27c

*What's Cooking?*  
**IT'S BEST FOODS**  
*Real Mayonnaise*  
Get Your FREE Recipe Folder From Us Today  
Pint 41c  
Quart 75c

## BEST FOODS

**SANDWICH SPRED** Pts. 41c; Qts. 75c  
**H. R. MUSTARD** 1/2 Pt. 10c  
**NUCOA** 2 pound package 57c

**Ken-L-Ration**  
2 cans 27c

**Palmolive Soap**

Reg. Bars

3 for 23c

Bath Size

2 for 23c

## F A B

2 pkgs. 43c

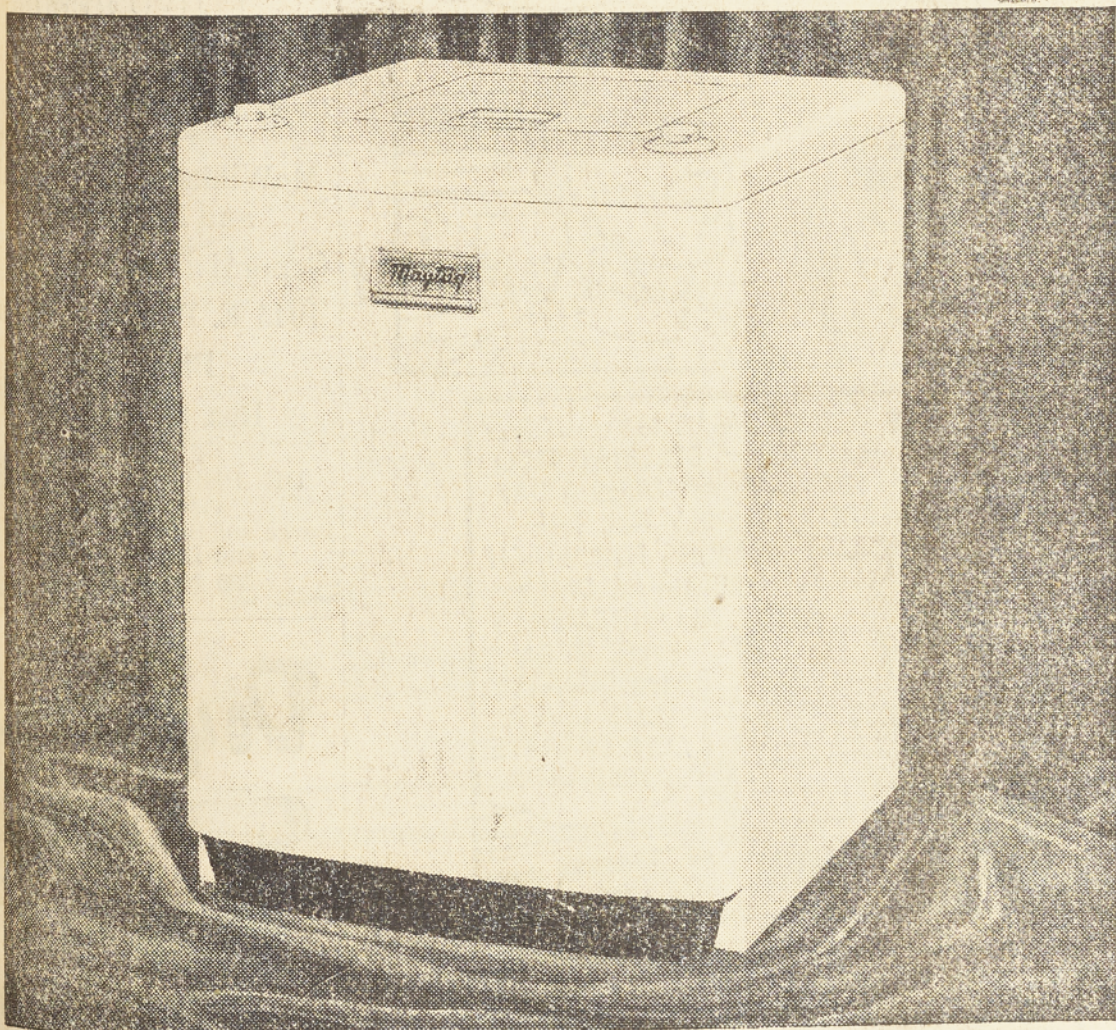
Phone 91 SANDY  
**MEINIG'S GROCERY**  
HARDWARE and FEEDS  
Greater Savings Every Day!

It's here...at

## SANDY AUTO PARTS

The *Maytag* Automatic Washer

that gets clothes clean!



Beautiful—Speedy—Completely Automatic

Only Maytag could build an automatic like this!

It features the famous Maytag Gyrafoam washing action that gets your clothes spotlessly clean.

What a worker it is! Playclothes, grimy overalls, baby garments, rugs, lingerie... everything is washed with perfect safety.

All the work is done for you. Just put in the clothes, set two simple dials. Then... your time's your own until you're ready to take out your washing.

Genuine Maytag construction in every part means years of superior performance.

Come in today to see this better automatic in action.

Beautiful  
Dependable  
Thrifty

LIBERAL TRADE-IN,  
EASY MONTHLY PAYMENTS

## SANDY AUTO PARTS

Phone 721

Loop Highway

Sandy