

FARM and GARDEN NEWS

Wood Waste Use To be Described At Chemical Meet

NEW YORK, July 10.—(AP)—New uses for waste materials in the fishing and lumbering industries will be described at the Western session of the American Chemical Society at Portland Sept. 13-17.

Dr. Charles Allen Thomas, president of the society and executive vice-president of the Monsanto Chemical company, said progress in atomic research and recent studies of substances curbing animal growths would be other important topics.

The western session is part of the society's 114th national meeting. It is the first divided meeting, arranged to permit maximum attendance of the society's 57,000 members.

Dr. Vernon H. Cheldelin, associate professor of chemistry at Oregon state college, has been named general chairman of the Portland session which will have headquarters at the Multnomah Hotel.

Only one general session will be held. The remainder of the meeting will be handled through divisional programs. Among these are:

Agricultural and Food Chemistry—Utilization of wastes in the fishing industry; research on fish meal and vitamin-bearing oils; wood industry wastes.

Cellulose and Sugar Chemistry—Joined by agricultural chemistry division for a panel on chemistry of lignin, a major wood waste; sugars derived from wood.

Physical and Inorganic Chemistry—Advances in atomic science; paper on nuclear reactions.

Biological Chemistry—Metabolism of animals and substances inhibiting their growth.

Chemical Education—Employment of opportunities for chemists and chemical engineers.

Ceramic tiles, used as floor and wall coverings on many modern church buildings, were found on the walls and floors of the excavated palace of Amenhotep IV which served as a shrine to the Sun God 2400 years ago in Egypt.

Registered
Willamette Valley Bred
Romneys
from imported rams. Choice
selections now available. Oak-
mead Farm, Newberg, Oregon



YOUNG FARMERS—Jimmy Oerding, at the wheel of the tractor; Jeff Shirley, standing behind him, and Billy Oerding, are "learning to farm" by running this hay baler on the farm at Wilbur owned by William A. Oerding, who stands at left. Oerding says that his sons "love it." They had baled 6,000 bales when this picture was taken and were to start on a 100-acre oat field.

Population Gain In West Affects Animal Industry

Increase in population of the western states, and particularly the three Pacific Coast states, is having a most profound effect upon the production and marketing of animal foods, E. L. Potter, head of the Agricultural Economics Department at Oregon State College, told those attending a recent convention here.

Speaking before a joint meeting of the western divisions of the American Society of Animal Production and the American Dairy Science Association, Potter pointed out that while population here is up some 40 percent, there has been little change in resources for production of animal food. Poultry raising and dairying have been particularly affected he said.

"We seem to be rapidly approaching the time when the en-

tire dairy area of Washington, Oregon and California must be considered as a city milkshed area with the production of butter and cheese limited to the fluid milk "surplus," Professor Potter declared.

"Improved transportation facilities have made it practical to transport fluid milk over much longer distances. A few years back a large part of the dairying area of the Pacific Coast was too far from any fluid milk market and the farmer was obliged to convert his milk entirely into butter and cheese. Such areas are now very much smaller and they are shrinking day by day," he added.

The earliest known ceramists, forerunners of modern tile and pottery makers, existed from 12,000 to 18,000 years ago in the Nile Valley of Egypt.

Artificial dairy breeding associations represent one of the fastest growing developments in modern agriculture in the United States.



—News-Review Pictures

LIFE ON THE FARM—Laurie and Barrie Clumpner are brothers who live on the farm of their parents, Mr. and Mrs. C. R. Clumpner, on the North Umpqua Road near Glendale. Both are raising livestock as their project in the 4-H Club. Barrie, 11, is shown above with Ginger, a red Duroc sow, and her litter of seven pigs born May 19. The sow was a blue ribbon winner at the Pacific International Livestock Show at Portland last year. Laurie, 13, is shown at the right with his Guernsey heifer, Oregon's Kasette, a two-year old which he purchased at the Guernsey sale sponsored by the 4-H and the Future Farmers of America at the Oregon State Fair grounds last year. The bull calf is named Kasette's Bonnie Bud. Both are to be kept for Laurie's future herd.

'Buzzing' Wrecks Plane, Breaks Farm Boy's Leg

BELLINGHAM, Wash.—(AP)—Some days it's not safe—even on the ground.

Lyle Weston, 16, was guiding a team of horses and hay rake in a field near his uncle's farm north of town.

His brother, Charles, 23, a student pilot, "buzzed" the farm from the air. He misjudged the distance, couldn't pull out and the plane crashed into the field, just ahead of the team.

The horses shied. The hay rake jerked. And Lyle fell off and broke his left leg.

Charles was not injured. But the plane was a complete loss.



Bird's feathers grow only during short moulting seasons, and not throughout the year.

Mosses are essential to many higher plants, conserving moisture and preventing erosion.

Elgarose 4-H Stock Club Holds Business Meeting

The 4-H Stock Club at Elgarose met Wednesday at the home of Michael Wooten with Andrew Hanson, local leader, in charge. Donald Sundberg, president, conducted the business session. Donna Sundberg, song leader, led the group in singing. Glen Hanson then led a yell.

New members admitted to the club were Carla and Teddie South, Dixie Wooten was a visitor. Those attending the meeting included: Donald and Donna Sundberg, Glen and Donald Hanson, Carla and Teddie South, Joe Sands, Sally and Dick Brown, Michael and Dixie Wooten, Mr. and Mrs. George Sundberg, Mr. and Mrs. Lee Brown, Andrew Hanson, and Mr. and Mrs. Vern Wooten.

Mrs. Ruth Wooten served refreshments. Next meeting of the group will be Aug. 11 at the home of Joe Sands.

More Cover Crop Seed Sought For European Farms

Oregon growers of cover crops seeds may be asked by the federal government to step up production of these seeds next year to provide supplies for export to Europe under the European Recovery program, states E. R. Jackman, O. S. C. specialist in farm crops.

Meetings of growers, seed dealers, county AAA committeemen, and county agents have been held in the Willamette Valley during the past month. Present was a representative of the grain branch of the Commodity Credit Corporation to obtain data on probable seed production this year. Estimates of what incentives would be required to obtain increased production next year were also requested.

The CCC representative, W. H. Youngman, Washington, D. C., was told that the acreage of common and Willamette vetch and common ryegrass to be harvested in the Willamette Valley this year will be considerably below last year's acreage. Much of the seed yield from the volunteer ryegrass may also be low. Youngman learned that the hairy vetch acreage is about normal, but much of this is volunteer and yields are uncertain.

Stronger Support Needed
To obtain increased production of hairy vetch next year, a government support price higher than the present 12-cent figure would be necessary, growers stated. Restoring a support price on both common and Willamette vetch might bring some increase in acreage, Jackman believes. A higher support price on Austrian winter peas would bring increased acreage on that crop. At the meetings, it was recommended that the government make known by July 15 production goals and support prices for seed crops. Thus, farmers can plan their acreages for fall planting accordingly, Jackman states.

Youngman stated that the amount of seed which the United States will need to supply under the European Recovery program has not yet been determined. British and Danish farmers will furnish common and perennial ryegrass to meet German needs. Hungary has been the major European source of vetch seed, but production there has been seriously disrupted. Jackman explains that vetch and peas are used on small European farms for green feed for livestock.

Prize Bull Given Pituitary Gland

AMES, Iowa.—(AP)—Royal Rupert 90th, a prize \$38,000 Hereford bull, has had something added—a pituitary gland.

Prince Rupert, always a prize bull but never a father, underwent an operation aimed at correcting his sterility.

Dr. M. A. Emmerson of the Iowa State College Veterinary Department performed the operation, which was the transplanting of the pituitary gland of a slaughtered bull into the right flank of Prince Rupert.

The veterinarian said it would be a week or so before the success of the transplanting could be determined. It will take several months more to learn if the operation corrects the sterility.

In just an hour and three-quarters, Dr. Emmerson removed the pituitary gland from the base of the brain of a two-year-old bull, slaughtered at Des Moines, rushed here and transplanted it in Prince Rupert.

The prize animal is owned by Gov. Roy Turner of Oklahoma.

Bears use moss plants for bedding for their long winter hibernation.

Ten-Pound Jap Petunia Seed Crop Worth \$48,000

WASHINGTON.—(AP)—The Japanese are getting ready to harvest a 10-pound crop—worth in pre-war prices about \$48,000. It is the double petunia seed—to be imported here for the first time since before the war, the Agriculture Department says.

A department spokesman said the seeds used to bring up to \$300 an ounce, "but there is no way to tell just what they will bring in today's inflated market."

None of the seed will be sold in Japan. A 20-pound harvest is planned for 1949—which would about equal the amount exported annually before the war to the United States, the United Kingdom and other countries.

For those who are interested: An ounce contains about 280,000 seeds.

Permit Reminder Given As Fire Season Nears

During the closed season, which begins May 15 and ends Dec. 31—unless these dates are extended—Oregon law requires a permit for the burning of grass, debris, or other materials. Fire permits may be secured from fire wardens in many communities or from the district fire warden.

While the law permits the burning of small quantities of materials at a distance from forest land under safe conditions, it is recommended that a permit be secured from the local fire warden in rural communities and from the fire chief in towns before burning grass or debris.

Under the law the entire burden of responsibility is placed on the individual starting the fire. If the fire gets out of control, that is evidence that the burning did not comply with the law.

Higher Wheat Loan Rates Established for Oregon

PORTLAND, July 12.—(AP)—Wheat loan rates in Oregon will average 16 cents higher this year than in 1947.

The Federal Department of Agriculture, announcing the rates, set a Portland terminal rate of \$2.19 a bushel for No. 1 soft white. County rates:

Baker \$1.90; Benton \$2.04; Clackamas \$2.26; Crook \$1.98; Deschutes \$1.98; Douglas \$1.97; Gilliam \$2.03; Harney \$1.80; Jackson \$1.95; Jefferson \$2.04; Josephine \$1.93; Klamath \$1.96; Lake \$1.94; Lane \$2.01; Linn \$2.03; Malheur \$1.85; Marion \$2.05; Morrow \$2.02; Polk \$2.04; Sherman \$2.04; Umatilla \$1.97; Union \$1.90; Walla Walla \$1.89; Wasco \$2.05; Washington \$2.07; Yamhill \$2.06.

Farm Holocaust Caused By Stray Barking Dog

STOCKHOLM, Minn.—(AP)—A stray barking dog aroused the ire of Arnold Maki, 21, employed here on the Orville Titrud farm. He grabbed a shotgun and went out into the night.

He tripped, the gun discharged and hit a dynamite pit, setting off 100 pounds of the explosive. In an ensuing blast ripped off Maki's clothes, broke windows in all the farm buildings, moved a machine shed off its foundation and stripped trees of their leaves. Maki, cut, bruised and badly shaken, was taken to a hospital. The dog, apparently unharmed, hasn't been heard from since.

Liming Cheapest During Dry Weather Months

Liming Cheapest NO 4 Farm P
In Western Oregon counties where liming is done to advantage, farmers should be ordering and applying limes to a new low. Lime is most easily and economically applied when bulk spreader trucks can get on the fields. Liming fields during the summer months permits preparation of the fields for both fall and spring seeding. Bulk limestone is available and can be secured by placing orders through the local Agricultural Conservation office in the Pacific building.

Mosses may look like tiny evergreen trees, roses, ostrich plumes or any of hundreds of bizarre shapes.

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We meet all specifications in our concrete mix, that means quality and long life for your concrete. If you are buying concrete see us for long lasting quality and experienced service that has made our business grow. Six mixer trucks to serve you. No job too large, none too small.

PRE-MIX Concrete Co.
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Vol. X Published Weekly by the Douglas County Flour Mill, Makers of July 12, 1948
No. 28 UMPQUA CHIEF FLOUR and Umpqua Brand Poultry and Dairy Feeds

Up-to-Date Research

We find some interesting reading in the current farm papers. How would you like for us to pass some of the best of it on to you?

There is a nice story in the last "Country Gentleman" called "Operation Hardware." This article states that almost 1% of the animals in one large dairy of 1200 cows died from being stabbed by wire in the feed. This included Rag Apple, sire of 15,000 calves. (What a cow!)

This wire was mostly baling wire left in baled hay. It proves that great care should be taken in handling baled hay, that no short pieces of wire are left to be accidentally eaten by the stock. But in addition to baling wire, a great deal of other hardware, including bolts, nuts and odd chunks of metal are removed.

Since this sort of metal poisoning causes approximately half of the loss in cattle, we knew you would be interested to know what the Douglas County Flour Mill is doing to protect your cows. We have a big electric magnet over which all our feed passes. Several times each year this magnet has to be cleaned, and you would be surprised at the enormous amount of metal junk it takes out of UMPQUA FEEDS.

You will have to watch your hay, but you may feel certain that UMPQUA MILKMAKER will never cause you any loss from metal poisoning. All the nails, bolts and other pieces of sharp metal that shakes out of machinery used to process feed products is electrically removed from ALL UMPQUA FEEDS.

In the Good Old Days

May I have Tuesday off, Sir? And why, may I ask?
25th wedding anniversary.
Listen, Smith! Are we going to have to put up with this every 25 years?

Lice Eat Feed

Although very, very few animals or birds die as a result of lice, flies, grubs and other parasites, the cost to the grower amounts to an average of 10% of all the feed he puts out for his stuff. Mind, we said 10% on the average. If you are just ex-

actly average, it means you are wasting 10% of your feed. And feed is too high priced and too scarce to waste.

If you control parasites better than average your loss will be so much less, and if your management is below average it would possibly be the cause of financial loss, wasted feed, and wasted energy.

In one experiment 27 calves treated with insecticides made 73 lbs. average gain more than 28 untreated calves, all being on the same pasture. To save feed, save money, to be kind to your animals, and to profit handsomely by so doing, get your insecticides at the Flour Mill. We have sprays for flies, cattle grubs, lice, mites and pills and medicated feeds for inside jobs such as tapeworms and roundworms.

A beggar asked a man on the street for a dollar, claiming he hadn't eaten for three days.

"If you're so bad off, why don't you ask for a quarter, which you would be more likely to receive?"

"Listen, Mister; give me a dollar or give me a quarter. That's your business. But—don't tell me how to run MY business."

Need Pin Money?

The 1948 turkey crop is reported away below last year, which was way below the previous year, which was way below the year before that. Poultry storage is low. Turkeys in storage much below normal. Shell eggs in storage about 80% of the 3-year average.

This all points to a good opportunity to make some Xmas money by putting in some fall chicks for fryers. The price should be good, according to the above figures, and it might even be possible to sell the pullets at a premium, since egg prices are going to be high during the winter. Better get your order in quick for these fryer chicks, tho.

Attention Turkey Men

Most turkey growers feed compressed turkey feed nowadays. This feed is commonly called "Pills," "Pellets," "Paks," etc., and comes in various sizes, such as "starter," "grower," "developer" and "finisher."

The smaller the size "pill," the slower the job of making the

stuff. The bigger the birds get, the more it takes to satisfy them. So it eventually gets to the point where we couldn't make enough "starter" pills to keep our customers' flocks going.

In spite of a smaller turkey crop this year, so many of the growers are using UMPQUA TURKEY FEEDS that we are rapidly getting to the limit of making those small "pills." We suggest that you get your birds in the habit of eating larger pills as soon as possible. It will cost you less, and your birds will do as well on the larger pills.

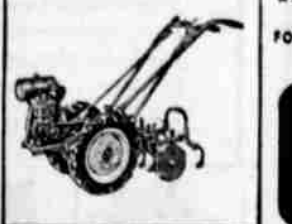
For instance the starter pills cost \$5.85, what we call our "Small Grow Pills" are \$5.10, and the regular grower pills are \$4.90. Protein is 24%, 22% and 22% respectively, so you see what we mean? We predict that you will be pleasantly surprised in regard to prices, too. We are going to cut them shortly, way it looks now.

"When my daughter was 17 years old I gave her a key to the front door."
"That was the proper modern spirit, my friend."
"Oh, I don't know. She quit busting the milk bottles crawling in through the pantry windows."

DDT for Lice and Mites

We are often asked if DDT will kill lice and mites. We have always shied at the question, because the people who make it haven't always agreed on it. But now comes a guy along who has tried it, and swears it will do the trick. He uses a 50% wettable powder, mixes one pound with 3 gallons of water and just sprays Heck out of the house. Then he says he can spray the hens and that takes care of the lice in a few days. You could get the DDT here at the Mill, and get that fine three barreled sprayer to put it on with, and maybe make a killing.

Most of us make an impression. But it's seldom the impression we think it is.



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BE SURE TO COME IN and see our showing of Bolens HUSKI 2-Wheel Tractors and "Packaged Implements." We'll be glad to tell you all about them.

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