

FARM and GARDEN NEWS

Garden Mulch Kills Weeds And Keeps The Soil Moist

Mulches covering the soil around growing plants are a substitute for cultivation which is growing in favor. They have long been used by practical gardeners, and various materials have been tried for covering the ground, to prevent weeds growing and shade the surface. Paper mulch, and even stones

and slabs of concrete have been experimented with. But tests by the Ohio state experiment station, emphasizing the importance of soil aeration, indicate that the best mulching materials allow free circulation of air through the top eight inches of soil. Mulches of fresh organic material, such as manure, straw, alfalfa,

Three-Day Willamette Valley Tour Will Show Grassland Pasture Crops

Plans are underway for a three-day Willamette valley grassland pasture tour with scheduled stops at outstanding farms in five counties, announces Roger W. Morse, OSC extension dairy specialist. The tour dates are May 23, 24 and 25. Morse is heading a committee of OSC extension specialists and county extension agents who are making the tour arrangements. Mem-

Record Seed Crop Still Inadequate To Supply Needs

The ladino clover seed crop of 1949 of 3,390,000 pounds of clean seed was the largest ever produced in this country but even so, reports the U.S. Department of Agriculture, it may not be large enough to supply the demand for seed because the crop has become so popular in large sections of the country.

Why Manganese Helps In Growth Of Plants

BERKELEY, Calif. —(AP)—For some time it has been known that plants will not grow unless there is manganese in the soil they feed from. This was discovered by plant nutritionists P. K. Stumpf and C. C. Delwiche of the University of California College of Agriculture. Now, working with graduate students W. D. Loomis and C. Michaelson, they have found out why manganese enables a plant to grow. They discovered a new enzyme in plants that enables them to utilize glutamic acids one of the building units of protein. Without manganese, this enzyme doesn't work and the plants stop growing. No other metallic element is known to have this effect, and studies are continuing in the hope of increasing crop yields.



READY FOR TRIANGLE Chick Starter

Triangle's amazing new chick starter in Krumbled form is making new records for healthier, faster growing chicks. This size is coarse enough for easy feeding yet small enough to be safe for the smallest chicks. Give your chicks a good start with Triangle Krumbles.

Sold locally by Page Lumber & Fuel Co.—Roseburg Sutherland Fruit Growers—Sutherlin C & S Feed Store—Oakland Alsop's Feed Store—Myrtle Ck.

DISSTON-MERCURY CHAIN SAWS

One and Two-Man Units
Certified Sales and Service

Also

- Axes • Wedges • Sledges • Handles
- Hard Hats and Hat Bands
- Scale Sticks, Tapes, Etc.

Dealer for Cox Chipper Chains and Edwards Wire Rope

For Rent—12 H. P. Saws by the day or week

CARL J. PEETZ

920 S. Stephens Phone 279

Fertilizer Tests Slated At Owyhee

An extensive fertilizer test program has been established on the Owyhee irrigation project by the OSC agricultural experiment station to determine the effects of fertilizers on sugar beet tonnage and sugar production. Twelve different fertilizer treatments of nitrogen, phosphorus and potassium are planned, with radio-active phosphate to be used in one trial to study phosphorus uptake of beets.

Second Spraying For Walnut Blight Is Recommended

Time for applying the second spray or dust for the control of walnut blight is now, according to information received at the county extension office from the state college experiment station. The same spray and dust formulas used for the first or "prebloom spray" should be used, states county extension agent, J. Roland Parker. Bordeaux spray 4-2-100 (4 pounds of copper sulphate, 2 pounds of quicklime or 2 pounds of hydrate lime in 100 gallons of water) is the standard spray recommendation. A summer oil emulsion, at the rate of one pint of oil emulsion to every 100 gallons of spray should be added to the Bordeaux mixture to reduce the severity of leaf injury in the event that conditions favor its development.

Basic Support Prices For Cover Crops Listed

Basic support prices for winter cover crop seeds under the government's 1950 price support program have been set as follows: hairy vetch, 14.70 cents per pound; common and Willamette vetch, 6.57; crimson clover, 16.30 cents; common ryegrass, 7.34 cents. J. F. Bonebrake, Chairman of the Douglas County PMA Committee, points out that national basic rates apply to most of the seeds. For hairy vetch, which is widely produced, State rates have been established. In Oregon the rate for hairy vetch seed in all counties is 14.50 cents per pound.

THE FEED BAG

PUBLISHED WEEKLY BY THE DOUGLAS COUNTY FLOUR MILL, MAKERS OF UMPQUA CHIEF FLOUR AND UMPQUA BRAND POULTRY & DAIRY FEEDS

Vol. XII, No. 20. May 15, 1950.

Strictly Non-Advertising

We attended a convention in Portland last week, and had the good luck to hear some wonderful and thought-provoking speeches. We wished every thinking American could have had the privilege of hearing these talks, and that every careless and easy-going voter would have had to hear them. Still, thank God, you can't force Americans to listen and think what they don't want to—not yet.

Uncle Hank Says:

MAN WHO THINKS EVERY BODY ELSE IS CROOKED, USUALLY NEEDS A LITTLE WATCHIN' HIMSELF

You Gotta Have Production

Are your hens fighting emenacanthus stramineus? If so, you can figure egg production will be cut at least 11%. Also, mortality will be nearly 4% heavier. You can get Black-Leaf-40 at the Flour Mill, and get rid of those emenacanthus stramineus quite easily. (If the guy had said chicken lice it would have saved us paralysis of the tongue trying to pronounce it.)

But when you hear a parade of speakers, representing the best brains of our beloved Pacific Northwest, and each one fearing the same things, you also begin to wonder how much longer Americans will be allowed the glorious freedoms we have come to take for granted.

On That Bum Feed

Mrs. Chas. Hughes, Winston Hill, 48, this 4 weeks old having arrived. Started out with 486 (from a case and a half of eggs), but a couple died, and she killed half a dozen more.

Our Non-Political President

You know we're getting kinda fed up with these dam dedications. Grand Coulee Dam has had more dedications than we've had birthdays.

For instance, there was Prof. U. G. Dubach, a native of Switzerland, who came to America to enjoy the American way of life. He reminds us that from the time of Christ, twenty one civilizations have waxed and waned. He mentions Greece first among this parade, and the British Empire as the last to lose power. He wonders if America is to follow Great Britain. And who will take over America's place as leader?

BOUNTY FROM THE GOVERNMENT, WE GIVE UP A FREEDOM.

Maybe you don't believe that. But Mr. Farmer, after taking price support, can you plant as much of whatever you want to plant as you jolly well please? Certainly not. You have crop controls, acreage allotments, and penalties. And that's just a sample.

Time to paint and wallpaper. It's Spring. Large stock. Prices right. PAGE LUMBER & FUEL. 164 E. 2nd Ave. S. Phone 242

Why does the Government need so much money? Why are our taxes high? Because too many pressure groups have the "Gimmies." America has the worst case of "Gimmies" in the history of the world. And what are the "Gimmies?"

Was This Cop Married?

The motorcycle cop pulled up alongside, took out his book and said: "I clocked you at 45, Mister."

GREEN WOOD PLANER ENDS SPECIAL THROUGH MAY

Why pay more this fall? Call us now and save on winter wood. Just phone 465.

It's the group that wants price supports on wheat, tobacco, eggs, or whatever they happen to be producing. And at taxpayers expense. It's the group that insists on compulsory medical insurance. At taxpayers expense. It's the groups that want the Brannan Plan, with cheap groceries and high prices to the farmer, all in the same package. And who will pay for that; and how much? Could it be the taxpayer?

Keep 'em Healthy

Egg production and mortality are more favorable with perfectly healthy pullets. With MEGASUL in UMPQUA STARTER FEEDS and optional in developer, coccidiosis has been held to a minimum. Pullets never did look better. Now, don't let worms undo all this fine start. Keep your birds free of intestinal worms with our Wormer Mash, or with P. N. Lederle worm tablets. So cheap you can't afford to take chances.

ROSEBURG LUMBER CO. HEAT-FUEL-SAWDUST-WOOD TELEPHONE 468 ROSEBURG, OREGON

NEW FERGUSON SIDE-DELIVERY RAKE

Moves hay gently... AND FAST!

True "sideward" raking action with the unique Ferguson six-bar offset reel moves hay 50 per cent less distance from swath to windrow. Tractor-mounted... power take-off driven... Finger Tip Controlled. Surprisingly low in price.

Free Demonstration on Your own Farm!

Now On Display

FREEMAN ONE MAN AUTOMATIC TWINE-TIE PICK UP HAY BAILER.

Bales up to 7 bales per minute

Come in today and inspect this newest baling machine at...

LEE MORTENSEN, Inc.

200 S. Pine Phone 1486-J

Santiam Cooperative Notes Business Boost

STAYTON —(AP)—The Santiam Farmers cooperative reported a 45 percent increase in business volume last year—a more successful season than many of the Willamette valley cooperatives.

It's Here! MODERN TRACTOR POWER FOR SMALL FARMS... THE NEW MASSEY-HARRIS Pony

PROCRISTINATION IS THE THIEF OF TIME

DON'T NEGLECT THIS LAST GESTURE OF RESPECT FOR YOUR LOVED ONE

We have a full line of markers, memorials and monuments, the finest in Oregon.

The new I-10w Pony... the latest addition to the famous Massey-Harris tractor family. Now, top tractor performance for even the smallest farm. It's a husky little tractor with plenty zip to do a faster, easier job of your work. And you'll like the complete line of mounted tools to go with the Pony... everything you need for a good, clean job of plowing, discing, planting, cultivating or mowing.

BLAESING GRANITE COMPANY of Roseburg

S. L. Terstege Southern Oregon Sales Manager Rt. 1, Box 155 Roseburg

Come in soon. Let's talk over the advantages of a Massey-Harris Pony on your farm.

Carl Koch P. O. Box 962 Roseburg

F. D. Bringle P. O. Box 101 Sutherlin

ROSEBURG GRANGE SUPPLY

222 Spruce St. Phone 176