

FARM and GARDEN NEWS



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Soils of Northwest Deficient In 'Trace Elements' Essential For Maintaining Value of Major Crops

SEATTLE.—(AP)—Farmers once used nothing but barnyard fertilizer to build up their soil. Then the day came when they began to buy commercial fertilizers carrying nitrogen, phosphoric acid and potash. Now they are being told of another soil need—minor elements like zinc and boron.

Dr. W. L. Powers, soil scientist in charge at Oregon State College, told an agricultural clinic sponsored by the University of Washington of some of those needs in the Pacific Northwest. Under continued cultivation, he said, soils have become deficient in some of the minor or "trace" elements.

Some of these are essential for plant nutrition—elements like boron, copper, manganese, molybdenum and zinc. Others are essential in animal nutrition. These include iodine, sodium, chlorine and cobalt. Plant Troubles Overcome

Dr. Powers told farmers how application of some of these elements to deficient Pacific Northwest soils corrected various plant troubles.

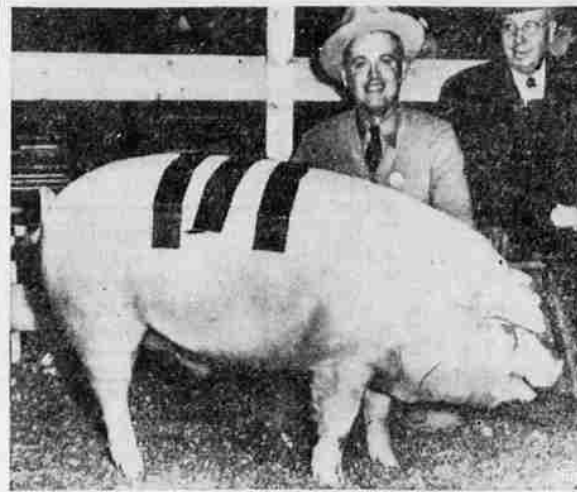
Boron was used in 1936 to overcome "yellow top" of alfalfa in British Columbia and Oregon.



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Buttermilk Diet Turns the Trick



Raised to pink-skinned plumpness on a diet of buttermilk, "48 Model," a 300-pound Chester White hog, won the grand champion award for barrows at the International Livestock Exposition in Chicago. Kneeling behind the ribbon-bedecked beast is co-owner Donald Brown, of Tip Top Farm, Flora, Ind.

en entering college at start of the Winter Term, January 3, reports Robert Koehler, director of dormitories. Normal turnover at the end of any term releases some space, he explains.

Prospective students are asked to make reservations for such rooms as early as possible. Those who write first may choose among all three of the dormitories. Room rent in Waldo and Snell halls is \$50 per term because of less complete and modern facilities than in the new Sackett hall where the rate is \$65 per term. Board charges are the same for all.

Truman Farm Program Faces Rough Treatment

WASHINGTON.—(AP)—Two major parts of the Truman administration's farm program appear to be in for rough treatment by a veteran Senate Democrat.

Senator Elmer Thomas of Oklahoma, who will become chairman of the Senate Agriculture Committee in January, has served notice that:

1. He wants flat and high price guarantees to farmers for their products, instead of a flexible schedule.

2. He doesn't want any international wheat agreements along the lines of the one fully plugged by President Truman in the last Congress.

"There are a lot of people who merely want to get the cheapest bread and meat possible," Thomas told a reporter. "They have not thought these things through. If low prices and depression hit our farm areas then, the whole nation will suffer again as it always has in the past."

Farm Prices in Oregon Decline in November

PORTLAND.—(AP)—Oregon farmers didn't receive quite so much for their crops this last month.

The U. S. Department of Agriculture said the average farm product price declined from mid-October to mid-November. Lower livestock prices were responsible for most of the drop, although the price on butterfat went down, too.

Champion Corn Growers Of Oregon Announced

CANBY, Ore.—(AP)—The champion corn growers of Oregon are Don Gardner, Canby, and George H. Moller, Ontario.

Moller was named Eastern Oregon champion at the annual state corn show here last week, for an average yield of 139.8 bushels an acre.

Gardner won in Western Oregon with 89.3 bushels an acre. Judges said the Western Oregon figure was lower because of the emphasis on foliage—used for silage—in that part of the state.

Stewart Wortley, McMinnville, won the Future Farmers of America title with 69.3 bushels, and Leroy Snyder, Albany, the 4-H club title with 86.2 bushels an acre.

Turkey Profits Often Depend On Timing Maturity

It's this season of the year when marketing is about completed that many turkey producers sit back to size up their check and ask: "My turkey flock averaged a dollar profit per bird; my neighbor's returned \$2—what made the difference?"

Among the host of possible answers, Noel Bennion, D. S. C. extension poultry specialist, says age of the bird at the time it was killed is a profit factor too often overlooked. He points out that it is a mistake to market turkeys before they are in prime condition; it is also poor economy to hold them after they are ready for market.

Efficient producers, according to Bennion, know that hen turkeys reach prime condition at 24 to 26 weeks of age. Toms are normally two weeks slower—26 to 28 weeks. Marketing plans are made with those facts in mind, Bennion declares. If the utmost profit is to be received.

The amount of feed required to produce a pound of gain gradually increases after market turkeys, both toms and hens, reach prime condition. Figures released by Bennion indicate feeding requirements for hens increase faster than for toms. He cites this example: If hens are ready for market at 25 weeks and are held over, it would take about 9 pounds of feed to produce a pound of gain the 26th week, 11 pounds the 27th, and 14 pounds the 28th week.

With toms it takes about 6 1/2 pounds of feed to produce a pound of gain during the 26th week; 7 pounds at the 27th week; and 7 1/2 pounds of feed for a pound of gain at 28 weeks.

Toms will eat about 50 percent more feed in a week than hens, Bennion states, but they still produce the cheapest gains, as they grow more quickly.

It requires from 4 to 4 1/2 pounds of feed to produce a pound of gain with a 25 pound tom while 4 1/2 to 5 pounds of feed is required to add a pound to a 15 pound hen.

Nut Kernel Shriveling Blamed on Hot Weather

VANCOUVER, Wash.—(AP)—Grow better nuts and make the country Northwest fibert - conscious speakers told the annual meeting of the Nut Growers Society of Oregon and Washington here.

M. P. Cady, Hillsboro, society president, advocated a sales program to "promote fibert and walnuts from these parts. William Christensen, Hillsboro banker, said the way to increase net income is to improve quality and get higher yields.

The nut growers' traditional opposition to reciprocal trade treaties was expressed by a number of speakers from the floor.

A plea for peace between co-operators and independent nut packers was made by William Chandler, Hillsboro, representing the independents.

John Painter, Oregon State College entomologist, told the growers he blamed hot weather for the widespread kernel-shriveling in this year's walnut crop. Others previously had blamed too much rainfall, but Painter said this was only a minor contributing cause. He said hot weather the first 11 days in September was the principal factor.

Landowners Share In Profits from Beavers

SEATTLE.—(AP)—The comeback of the beaver in Washington is underlined by an increasing number of contracts signed by landowners to have the fur-beavers "cropped" from their lands, the State Game Department reported.

Under the contracts, the Department traps out surplus beavers, leaving a "seed crop" to insure survival. The landowners share in the proceeds from the sale of pelts.

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VICKS VAPORUB

the FEED BAG

No. 50 Published Weekly by the Douglas County Flour Mill, Makers of Dec. 13, Vol. X UMPQUA CHIEF FLOUR and Umpqua Brand Poultry and Dairy Feeds 1948.

Now Is The Hour.

Just sitting on our—uh—easy chair and waiting is easy work, but the trouble is, it just doesn't pay very well. When we want dough we have to do a little planning ahead.

People who bought and fed Umpqua Feeds the past year made pretty totable good returns on their investment of money and hard work. We think the opportunity for very favorable returns the coming year is also good. There are several ways to make money out of feed, and the method we follow is only one of them.

For the man who likes cows, and likes to milk them, putting UMPQUA MILKMAKER into one end of a cow and talking milk out of the other, has paid excellent dividends for the past several years. For those who like turkeys, we know of several who figure on cleaning up four bucks a head this year. (We have heard an even five dollars clear mentioned.) The man who raised 2000 head didn't have to hire much outside work either. And we haven't talked to many loggers who think they made \$8000 clear in eight or nine months.

Then there is the guy who raised broilers. If he used UMPQUA POULTRY FEEDS, he probably got four bits a head more than he spent. And he could've raised a lot of them, if he put his mind on it.

Not to forget the man who sold hatching eggs. We won't mention any figure, except to say that the price ranged as high as a dollar a dozen in many instances, and the average price was near 80c for the year. And, if you must know, the feed cost of a dozen hatching eggs will run under 40c if you use UMPQUA BREEDER'S MASH.

But now is the time to make your plans for getting in on some of this dough for 1949, 'cause 1949 is just around the corner. If it's to be turkeys or chickens, broilers or hatching eggs, pigs or lambs, begin scouting around.

Say, why not drop in and talk the deal over with us. We can sure give you lots of advice—free advice—and we feel certain it won't kick back in your face either. If we even remotely suspected it would, we wouldn't give it, free or otherwise. Sure, come in, and we can put you in the way of making some money, and making yourself a good job.

Old Age Troubles.

We read a piece in the paper the other day saying Oregon soil is beginning to show the effects of old age. And if we had been used as rough as most Oregon farms for a hundred years—well, we might not even be here. So, it said the soil was depleted of minerals from a hundred crops taken off and nothing put back. So it won't produce like it used to. We can understand that too.

Then it says that sawdust would help the soil. Now we have kicked like a hay steer about the mills burning all the sawdust and wood waste. But after all, they don't know any better, nor give a darn, if they did. Why can't we farmers make a deal and get some of that waste back on to the poor old soil.

That's fine, but we have a better plan even than that. We have seen dozens of fields brought back into extremely high production without extra cost to the farmer. He even made money while bringing his fields back to a high state of fertility.

How did he do it, you ask? By raising chickens and turkeys and putting the manure back on the fields. There is a profit in the poultry business that never shows on the books, but it is a very real profit, nevertheless. We can leave some fertility to posterity, so starvation won't stalk the land, and make ourselves some dough at the same time. Why don't we try it?

The family and their guest had just sat down to the table. "Betty," said Mom, "why didn't you give Mr. Brown a knife and fork?"

"Well, what's the use, Mom? You said he eats like a horse."

Classified.

HOW YOU FIXED for turkey saddles? More birds this year. Better prepare to protect your breeder hens. The saddle will pay for itself three ways: more eggs, more fertility, better price for hens later. Get your saddles at the Douglas Flour Mill.

GOOD MARKET year round for hatching eggs. Have you enough heavy duty cases? 40 cases for sale. Phone Mrs. H. A. Watzig, 679-R.

On That Bum Feed.

Mrs. Bob Matthews of Garden Valley reports her 125 Leghorn pullets are giving her better than 90 eggs a day.

And Bill McFarland can't tell that. His New Hamp's are producing 75%, and have been for many weeks. He's selling them for hatching, and gets a very high percent that grade tops. Ah, you can't beat UMPQUA FEEDS.

Need New Brooder Stoves?

If you have wood, or can buy it reasonable, or if you just like wood burning brooders, see our Oakland store. We have a mess of new Buckeye wood burners at only \$17.50 apiece. 500 chix size. Now, if you are looking for bargains, there's one for the book.

Sheep Cubes.

We made up a carload, but after the last issue of "The Feed Bag" we sure peddled them fast. But we have another batch. Come in. At \$60.00 a ton, it's like buying dollar bills for six bits.

A business college advertised thus: "Short course in accounting for women." Gosh, don't they know there's NO accounting for women? (Aw, Mom!)

And Johnny brought home a note from teacher. It says "Johnny is smart, but spends too much time with the girls. I'm trying to figure how to stop that."

Next AM Johnny took the answer back to teacher. "If you finger it out, let me know. His Dad is the same way."

Fast Farming.

We used to disc, then plow, disc again, harrow, "clod-mash", and if it rained, we did most of it all over again. Now we go modern. We do it all in one operation with a "ROTOTILLER," made by the Frazer Kaiser outfit. Come into the Mill and look it over. You can save time and money by farming the modern way. You'll go broke farming the old system.

Yes, just to help you out as much as possible, we have decided to display this modern machine in the warehouse. Why do we want you to raise lots of grain, when we have it to sell. Well, we figure you'll overproduce your livestock when you raise lots of grain, so we'll have to sell you enough to finish the livestock out.

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CONTOURS And TERRACES
Boost Crop Yields

MORE than 30 per cent average increase in crop yields—that was the reward of 9,000 farmers recently checked on results of their soil conservation program. Terraces and contours were responsible for much of this extra yield. By holding rainfall, they provided "natural irrigation" for slopes.

Almost all crops will respond to better moisture control. If you have sloping fields, farming on the contour, terracing or strip cropping almost certainly will pay you a profit.

Terracing is no longer a job for engineers and heavy machinery. You can build terraces successfully with your regular farm equipment. Allis-Chalmers has developed practical methods of terracing, strip cropping, and building graded waterways with your farm tractor and tractor plow.

The Allis-Chalmers handbook "You Have What It Takes To Contour and Terrace" will show you where you need terraces and how to build them. Ask us for a copy... it's free.

Listen to the NATIONAL FARM AND HOME HOUR with Everett Mitchell... every Saturday... 7-8C.

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