

FARM POINTERS

Cultivation to Kill Weeds

(From Department of Industrial Journalism Oregon Agricultural College.)

The principal object in cultivating row crops like potatoes or corn is to kill weeds. Many persons think their cultivation is largely for the purpose of stirring up the ground, but really the cultivation is principally to prevent weed growth, since weeds are the worst wasters of moisture we have. Cultivation should be just deep enough to sufficiently stir the soil to kill the small weeds, the experiment station finds. Deep cultivation which digs up a lot of moist soil not only costs more but may do much harm by tearing off a great many roots. When a field of potatoes or corn is free from weeds and has a loose dry layer of soil on top there is nothing to cultivate for.

Late Forage Needed

With dry weather shortening the pasture and the hay crops, late planted forage may be quite worth while on some lands that were prepared fairly early but have not yet been planted. Corn planted moderately thickly even as late as the middle of June makes a great deal of excellent green feed, fair silage, and when cut and dried in September makes a very good kind of dry rough feed. With good summer rain turnips sown in late June or July often make a great deal of forage for fall and early winter, the Oregon station has found.

Because of the considerable shortage of forage in California and the exceedingly dry season so far, as well as market condition for Hungarian vetch feed, it is desirable that a large part of the Hungarian vetch be made into hay which will probably have a greater value per acre than the seed if much of the crop is cut for seed

purposes, the experiment station suggests.

Many Squirrels Poisoned

Squirrel poisoning in the Klamath country is succeeding big this year, reports C. A. Henderson, county agent. Some 5000 pounds of oats poisoned by the government formula were prepared for distribution. A short time after the 40 acre fair ground tract was treated with some of this bait 137 dead squirrels were picked up in a 500 foot ditch. Property owners failing to clean out the rodents on their holdings will have that attended to for them by a county rodent inspector appointed for that purpose.

STATE MARKET NEWS

(C. E. Spence, Market Agent)

The New Hampshire Division of Markets is showing its section of the country what really is the matter with agriculture, or at least one of the things. It takes for illustration the potato crop of Minnesota, and shows that the growers portion of the retail price is 20 per cent, the country buyers' part 15 1/2 per cent, freight 13 1/2 per cent, city distribution 50 per cent and retail price 100 per cent. Commenting on this condition Commissioner Kelker says:

"Can any fair-minded person consider our distribution system efficient or just when the farmer who furnishes land, seed, fertilizer, labor and other necessary overhead, receives but one-fifth of the price paid by the consumer for his commodity?"

Co-operation in the east and middle west is taking big strides. A federation of all the dairy interests of the New England states is under way with consumer ownership of the factories for the manufacture of butter, cheese and by-products. Minnesota and Wisconsin are federating their creameries and cheese factories

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Burns, Oregon

and propose to bottle and sell their milk, sell their cream, butter and cottage cheese.

"The farmer who sees his market broken year after year by promiscuous crops dumping and speculative marketing, and who sees the middle men receive approximately four times as much per capita as the producer, is fast coming to learn that the principles of co-operative marketing must be substituted for unrestrained competition if the farmer is to exist in this day of organization"—Washington State Grange News.

How fast the farmers are learning is illustrated by a report from the Department of Agriculture of Wash-

ington, D. C., which states that up to April 1 of this year 10, 160 co-operative associations had made reports to that department. Doubtless hundreds of others did not report. Out of this vast movement results are coming. Co-operators are learning. They are federating and taking over the field where others have profited from re-selling their products, and when they learn to carry their products from the fields to the retailer, then will they be running their own business as the manufacturing industries run theirs.

In a lengthy review of the potato season of the Pacific coast states, H. L. Ringer of the federal service, of Portland, gives many interesting facts. He states that Oregon is considerably behind Idaho, Washington and California in production per acre. During the past three years Idaho has averaged 182 bushels to the acre; Washington 145; California 140 and Oregon 97. Irrigation has much to do with the difference in yields, and Oregon's late crop matures later. Mr. Ringer states that Oregon has a distinct place in the potato industry, but that growers must get a higher price for the products to offset lower production per acre, and that this must be done by

virile seed, better product and high grading standards.


The review states that State Market Agent Spence solved a large part of the difficulties by securing federal co-operation, and that because of grading, standardization and compulsory inspection Oregon's well graded stock soon advanced from the bottom to the top of the markets in California; that dealers early found little difficulty in enforcing acceptance of cars bearing a Federal-State certificate, while many cars rolling in from Clark County, Wash., without such certificates, were a loss to the owners when the market broke.

The co-operative associated Grange Warehouse Co. of Seattle is the wholesaler for 65 retail stores of the state. The movement is fast going ahead in our sister state, because the producers do less talking and more organizing than in Oregon. Sixty-five retail stores in a state, controlled by co-operatives, are bound to help both producers and consumers by market regulation.

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Nathan Leopold and Richard Loeb two youthful sons of millionaires, have confessed to killing Robert Frank, a 13 year old son of another wealthy Chicagoan. The young murderers are brilliant students of a private school in Chicago and the crime has attracted nation-wide attention. After they had killed the boy they attempted to secure ransom from the father and failed only because the father misunderstood directions as to the place to leave the money. Later investigation has caused authorities to connect the two youths with the death of Freeman Tracy, another former university student who

was found killed last fall, also other mysterious deaths and mutilations of recent happening. The boys claim they killed the Frank boy in the interest of science as they wanted to observe the effects of death.



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RADIO HINTS



When you buy a phone plug be sure that the insulating piece which insulates the tip from the sleeve is in good condition. If it is cracked or broken you will get a short circuit and your set is useless.

Any storage battery that has a solution which after charge will not give a hydrometer reading of more than 1.200 should be taken to a storage battery service station and a new solution obtained.

Never solder the wires on a mounted socket unless you are positive it is made of bakelite. Composition will melt as soon as the heat of a soldering iron is brought near it.

Be sure to wire your meters properly. A voltmeter should be placed in shunt or across the battery leads, while an ammeter should be placed in series or on one side of the battery only.

Did you know that a little vaseline placed on the terminals of your storage battery will prevent corrosion? Try it.

Many of us are building tiny, portable one-tube sets to take with us in the country. You can make a dandy set with a four by four-inch panel and five-inch baseboard, carrying a W112 tube. Use an ordinary spider web coil to save space and a tiny tube socket, with a triple 0-5 small condenser.

When tightening the connection posts on a transformer, after the wires have been fastened to it, never force them tight by using connections on the inside which cause you are liable to loosen the screw not easily be reminded.

This Week



By Arthur Brisbane

USED CARS FOR EUROPE. A TEXT FOR FORD. WHAT IS A CAREER? THE JUDGE'S COCKTAIL.

When the automobile arrived, old-fashioned carriages, Victorias, broughams, etc., became worthless here, and a market was found for them in South America where they did not give up horses and carriages so easily.

Lately the American problem has been "how to get rid of second-hand automobiles." Europe, it seems, will help solve that problem.

A company, formed to ship second-hand cars to Europe, sends over bargains by the shipload. Money is not as plentiful there as it is here. The "used car," at a whittled down price, is attractive. Unloading of used cars abroad will be a good thing for Europe, which needs economy, and a good thing for the United States, where millions need "a bigger or better car."

The Senate Agricultural Committee, 11 to 5, voted against Ford's Muscle Shoals offer and took up Senator Norris's bill.

Senators that refused Ford's offer are hurting farmers and hurting themselves. But that doesn't console Ford, who must now find his consolation in the 146th Psalm. Verse 3 is especially recommended: "Put not your trust in princes, nor in the son of man, in whom there is no help."

The unreliable son of man in this case seems to be Mr. Coolidge.

Chlorine gas that wiped out battalions in the great war, will be used on a bigger scale of destruction against germs of influenza, pneumonia, and other diseases. That's a better war.

Exclusive clubs in New York decide to suspend their visitors' list during the Democratic convention. This is presumably to oblige mem-

bers that occasionally dream political dreams, on their own account, but would not like to push the thing so far as to "invite those political chaps to one's own club, don't you know." We really have an American aristocracy, a poor thing, but our own.

The Methodists, with "gospel forward" for their hymnals, voted a 13 in their general conference to lift the ban on dances and theatres. The old rule was no amusement "except those which can be used in the name of the Lord Jesus." Now amusement and religion can be kept separate, as education and religion are separate in public schools.

Charles H. Mayo, great surgeon, says cancer will be conquered "within a few years." Already seventy to eighty per cent of cancers can be cured "if taken in time." Remember that over-eating is one of the principal causes of cancer. Keep your system light, clear, clean, full of energy, and it will deal with the diseases that attack it. Overloaded, it is helpless.

Miss Gildersleeve, dean of Barnard College, tells the girls that marriage is not ENOUGH for women now. Each girl must have a career, as well as a husband. What is a career? Beethoven's job was music. Michelangelo's was art. Did not their mothers have a career, when they created them? Or must they also paint pictures and write music? Is not the creator as great as the thing created?

Mothers are the creators, men are only the product, depending for their fame on what their mothers give them.

It would horrify you to read about a female gorilla capturing a young girl, skinning her, to use the skin as sandals. That never happened. But European ladies are having sandals made of the "soft and pliable" skin of monkeys, guaranteed not to "squeak." In a gorilla that would shock us. It's all right for a lady.

Rebecca West, an intelligent young English writer, back in London, tells of a judge in the Middle West "who danced the tango with passion rarely exhibited in public places. And afterward gave me a wonderful cocktail made of a brand of white fire out of a silver flask the size of the Ascot Cup."

At his invitation she sat on the bench with him next day and saw him fine a colored lady, seventy-five years old, \$50 for carrying a pint bottle of moonshine whiskey. She presents that as a sample of our "respect for law."


Doen



Indo John

If we take the general average of the people as they come; they're voluble on some things, while on others they are dumb. . . . And, you're forced to this conclusion—if you'll only take the pains—that they're more inclined to money than an overplus of brains. . . . I wouldn't do injustice to the chick or child of man, who pins his faith to dollars and replevins all he can—but we can't dismiss the question from the feller that reflects, how brains compare with dollars in acquirin' men's respects! Sometimes the man with millions creates an awful stir—while the baggy-kneed philosopher is one we're sorriest for. . . . The fat-head with the fortune that's been handed down to him, may write a fast-rate poem,—but his chance is mighty slim!

I FEEL GORRY FOR THE BAGGY KNEED PHILOSOPHER



Judge's Joke



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