

# AGRICULTURE AND LIVESTOCK NEWS

Up-to-date Information to Help Develop Progressive Farming

## COST OF LABOR FAVORABLE TO ROAD-BUILDING PROGRAM

Labor costs on Federal-aid projects under construction this year indicate that there will be no drawback along this line in the building of roads during the coming season, according to the Bureau of Public Roads United States Department of Agriculture. The price for common labor ranged around 25 or 30 cents an hour in a great majority of the States, being somewhat lower in the Southern States and going up to nearly 50 cents an hour in the Pacific States. The prices of teams reported were in a great many instances as low as the 1914 level. It is probable however, that there will be an increase when the farming season begins as teams have always been cheaper in winter.

### Dairy Cows Paid

Further evidence of what can be done with dairy cows in the Prineville district is furnished by the experience of John Remmling who went into debt \$10,000 about 12 years ago for an unimproved ranch near Prineville borrowed the money with which to purchase purebred Jersey cows and now is one of the well-to-do farmers of the district. Recently he tested a group of eight of his Jerseys which in one month showed a total production of 337.76 pounds of butterfat. This brought \$124.97 and 4013 pounds of milk was worth \$20, a total of \$144.97. Feed for the group cost \$47 leaving a net return of \$97.97, or an average of \$12.24 per cow. Mr. Remmling figures the value of each calf produced at \$200.

### Has 3200 Baby Chicks

J. H. Brown, living on route 1, Oregon City has about 3200 baby chicks, of the March hatch. He has four buildings each 16x30 feet, with shed roof, windows in south only and the door to each faces east. Across the end of each building is a partition one foot high, four and a half feet back from the wall allowing for a pen 4x16, with the two feet next to the south wall covered the cover being boards with canvas covering, the canvas hanging down in front of the housing to serve as a curtain with several holes cut near the bottom to admit light through the curtain. The curtain falls to within three inches of the floor. When the chicks become old enough to jump over the one-foot partition they are allowed to run all over the building when weather is moderate.

The building is heated by a radiating system, which is home-made. The stove of each building is in a little room 4x6 built off from the east side, but has no floor in it. The stove sits on the ground. This little room is also fixed to serve as a ventilator for the building.

The chicks are not fed for 72 hours after hatching as Mr. Brown says his success has been in not feeding them too soon, as many will die from stuffing themselves if fed sooner. —Oregon Farmer.

### THE SILO

Some values of the silo are set forth by National Tank and Pipe company as follows:

1. A Silo is a pasture under cover. Its crop is always ready when the pastures dry up in summer or the rains and snow come in winter.
2. All of the feed value of a crop is conserved when stored as ensilage.
3. Added to the feeding value of silage is its value as a substitute for green feed.
4. As a supplement to ensilage, it is possible to use up otherwise poor feeds.
5. Ensilage is palatable and like green feeds, has a beneficial effect upon the digestive organs.
6. Aids greatly in balancing the rations. Corn ensilage with clover or vetch hay makes an almost perfectly balanced ration.
7. Saves more of the crop than can be saved in any other way. In some instances the saving amounts to 50 per cent.
8. Greater return can be secured from the land when the crop is put in the silo than when it is cured in the ordinary way.
9. Silage saves half the hay. Ask the man who has one.
10. Surplus feed in years of abundance can be carried over to years of scarcity. Good silage will keep for years.
11. When corn or sunflowers are made into silage, the land is left in good condition for the following grain crop.
12. More livestock can be kept with silage than without it. In other words, the silo increases the size of the farm.
13. Makes it possible to keep sheep in during lambing season and in bad weather.
14. The value of straw and hay is greatly increased by feeding it with silage. Straw is worth several dollars a ton more when fed with silage.
15. Silage increases the milk flow and total butterfat.
16. Silage keeps young stock thrifty and growing better than dry fodder.
17. It produces beef and milk more economically than dry hay.
18. There is no rain-spoiled crop and no big losses due to frost if you make crops into silage.
19. More feed can be stored per cubic foot in the form of silage than in any other form of roughage.
20. Farmers who have them, say silos are the most profitable buildings on the farm that silos pay for themselves in a year or two, that 25 per cent more livestock can be kept on the same farm and that they do not

see how they could possibly get along without a silo now that they have used one.

## SUCCESSFUL HOG RAISING

(By T. B. Johnson)

During the years I have been producing hogs I have made a study of feeding and care of them. To begin with I take the best of care of the sow before farrowing, and sow and litter after farrowing. I have my breeding pens arranged with a "Creep" where the small pigs can eat, without being disturbed by the older hogs. Shortly after farrowing I make available for the little pigs a mixture of mill feed and skim milk thin enough so they can drink it. When they are five or six weeks old I provide a ration of chopped wheat or corn, and also let them run on clover or alfalfa pasture. With this way of handling the pigs practically wean themselves at from six to eight weeks of age, and the process is so gradual as to not hinder their growth in any way. When they are from seven to eight weeks old I begin to feed them ground wheat and oats mixed one-third oats and two-thirds wheat, in self-feeders placed in alfalfa pasture. These feeders as well as pure water and plenty of shade is provided for them at all times. At the age of four months I change the feed to either chopped wheat or corn, and give them free access to salt trough at all times as well as to a solution of lime water and 20 per cent copperas. Once a week during the summer months I give them a 20 per cent mixture of sulphur with wood ashes. Some people feed soft coal, but I consider this a detriment. A properly constructed self-feeder is the most economical way of feeding hogs for market. Handling hogs in the above manner has permitted me to have them well finished for market at the age of about six months when they will weigh from 180 to 225 pounds per head, which is the weight most suitable to the packer at this time. At the age of eight months my hogs weigh from 240 to 280 pounds.

I believe most farmers will concede that hog production at this time is a profitable business. So far as I am concerned I have always found the production of hogs to be profitable and I see no reason why they should not be profitable for all time to come when properly raised and cared for.

### O. A. C. Correspondence— FARM REMINDERS

**Hannchen Barley Beats Oats**  
Hannchen Barley has usually produced more pounds of feed an acre at the experiment station than oats. It is the best spring cereal for medium to late planting. Two bushels to the acre are usually seeded.

**Haywire Kills Cow**  
The veterinary department recently performed an autopsy on a cow that had died suddenly, following symptoms of pneumonia. The post mortem examination disclosed a piece of baling wire that had penetrated the pericardial sack and worked into the heart muscle for more than an inch. These cases are not uncommon and each emphasizes the fact that the utmost care should be used in cutting open bales of hay to see that no small pieces are left to get into the cow's mouth. Quite often the damage results from careless baling, allowing small pieces of wire to get in the bales.

**Loganberry Spray Control**  
Loganberry anthracnose can be controlled by spraying with Bordeaux 4-4-50 as the new leaves and shoots develop. The spray should be repeated just before blooming.

**"Shot" Hole Borer Due Soon**  
The shot-hole borer that attacks all varieties of trees will begin to appear soon. The evidence of the attack shows as small shot-like holes that tunnel through the bark and into the wood. Always use every effort to revitalize by better care when trees have been attacked by the borers. A good wash to be applied to the surface of trees consists of water, 3 gallons soft soap or liquid fish oil soap, 1 gallon and crude carbolic acid one pint. Three application at 10 day intervals are good to apply to the tree trunk.

Wilhelm Hohenzollern, well known wood sawyer of Doorn, Holland, and who once achieved quite a reputation as an emperor and war-starter, is now using an Oregon-made drag saw in his private lot. This information has been received by P. A. Combs, president of the Beaver State Motor Company, makers of Beaver drag saws, from an English saw agent. The ex-emperor's drag saw is a Beaver, made at Gresham.

**How's This for Lumber?**  
Oregon juniper, once regarded as useless, now is one of the most costly woods on the market. When converted into small slats for making lead pencil it sells for approximately \$270 per thousand feet board measure, according to C. S. Hudson of Bend, the leading spirit behind the local juniper "refining plant." The Bend juniper mill employs 30 or more people and supplies lead pencil stock to practically all the large pencil factories of the East, and to some in Europe.

**Longshoremen Fight**  
The longshoremen strike in Portland has assumed ugly aspects. Strikebreakers are assaulted and lawless acts are plentiful.

One of the most dangerous assaults was that made upon a strikebreaker

Frank Henderson by a strike sympathizer who threw into his face a bottle of oil of mustard, which would likely blind the victim or at least burn his face severely. At the hospital, Mr. Henderson is in a serious condition though it is believed he will recover without the loss of his eyesight.

### MY PA

My Pa c'n make th' finest kite  
At any feller fleg;  
'Th' cross-sticks balanced up jus' right  
An' tall all fixed and tied.  
'At is, my pa he says he can,  
But it jus' seems somehow  
'At ev'ry time I ast him to  
He says, "I'm busy now."

My pa can take a willer stick  
An trim it nice an' clean,  
Then make a whistle jus' as slick  
As any feller's seen.  
'At is, my pa he says he can—  
He can, too, bet a dime—  
But when I ast t' make me one  
He says, "I haven't time."

My pa c'n catch th' mostest fish  
Of any man I know.  
He's caught an awful lot, I guess;  
At least he's told me so.

**Her Principle**  
Saphed: Will you trust me with your life?  
Miss Sweet: No, indeed. Cash down is my motto.—Wayside Tales.

## OREGON INDUSTRIES

Weekly Record of Industrial Conditions Gleaned From Reliable Sources Over The State

Ashland—Many residences under construction.  
Eugene lets paving and sewer contracts.  
Peoria—Plans made for handle factory to employ about 30 men.  
Hermiton—4000 acres adjoining Umatilla project to be reclaimed.  
State tax reform committee preparing to initiate bills for state income tax and to repeal millage tax for higher education.  
Roseburg—Canning of broccoli to become an industry.  
Marshfield—Contract let for logging 1,000,000 ft. spruce and cedar.  
Grant county to have summer resorts at Strawberry and Magoon lakes.  
Astoria—Factory for barrel hoop making assured.  
Port of Astoria for March shows 120 per cent increase.  
Hillsboro—Second, Third and Jefferson streets to be paved.  
Reedsport—\$60,000 road contracts let.  
Hood River—City constructing \$20,000 reservoir.  
The Dalles—\$25,000 garage to be erected.  
Baker—\$700,000 to be spent on highway and railroad improvements.  
Marshfield—\$17,000 rig purchased to start drilling oil well.  
Astoria—Bids asked for paving 2.3 miles market road.  
Wendell—Booth-Kelly lumber mill re-opens May 1. 200 additional men

Rainier—New sawmill to be built here will employ 25 men.  
St. Helens—Local company ship 2 carloads paving blocks to Portland.  
Cloverdale to get new theatre, recreation hall and garage.  
Vale—\$18,500 contract let for new waterworks system.  
Maupin—Maupin State bank starts erection of new concrete building.  
Hood River gets new concrete saw, planing mill and box factory.  
Pendleton issues 20 butting permits, average \$8,000 each.  
Astoria water commission lets \$243,482 pipe contract.  
Carver cannery gets \$100,000 order for canned goods.  
Marion county hopyard reports la- will be employed, with monthly payroll of \$20,000.  
Redmond plans construction 5 miles cement sidewalk.  
Stayton chair factory, idle 5 years, installing new machinery.  
Pendleton contracting for \$85,000

municipal septic tank.  
G. H. Flag buys interest in The Dalles Optimist.  
Baker—Bay Horse mine ships 3 cars \$7500 ore.  
Silverton—Work started on \$30000 Coolidge & McClane bank.  
Haines—David George mine strikes 14 ft. ledge copper ore showing a percentage of gold and silver.

Monmouth starting work on \$15,000 flax and hemp plant.  
Eugene—Private physicians start \$50,000 hospital building.  
What Teacher Pulled On Him  
"Teacher pulled something on me today that made me mighty sore."  
"What was it?"  
"My ear."—Wayside Tales.

## S. F. Scripture

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**Phoenix Fiber Silk Vests at \$1.95**  
An extensive variety in the popular bodice top styles, in flesh color—sizes 36 to 44.

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Strictly high-grade, full fashioned Phoenix Silk Hose in black, brown and white—all sizes. Unsurpassed in quality at these prices.

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Vests at \$2.50 and \$2.75 Bloomers at \$3.95 and \$4.25

Fine Silk Knit Undergarments in plain and in Richelieu weave—Vests in bodice top styles in flesh, white and orchid; Bloomers made with reinforced crotch—elastic waist and knee—colors grey, green, flesh, white and black.

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Narrow Silk Moire Ribbons in plain colors and amber effects 20c and 25c yard.  
Double-Face Two-Tone Ribbons, all colors, plain or with Ploot edge 20c and 25c yard.  
Grosgrain Ribbons in black and colors or with Ploot edge; Nos. 3 to 16.

New Garter Ribbons and Garter Tubular Ribbons in all colors and combinations.  
New Wash Ribbons in all widths from No. 1 to No. 7. Plain colors and light combinations.  
New wide Metal Ribbons in styles and colors especially adapted for vests, hats, bags, sashes, etc.