

OUR FARMERS IMPROVEMENT PAGE

Information Gathered Everywhere that Is of Interest to the Men and Women on the Farm. Good Roads, Dairying, Horticulture, Fine Stock, Hogs, Etc.

NEW VEGETABLES RAISED

Cromwell Child tells us that the farmer grows only 17 or 20 vegetables, but that science has discovered or evolved at least 20 new ones. He thinks that within 10 years the American housewife will have 40 vegetables instead of 20 from which to make meals. They are neither fads nor freaks. Farmers are raising them, they already have some market and they have won popularity. They are money makers.

Among them are the dasheen, the udo, the aquatic potato, the roselle, the Japanese radish, the Chinese cabbage, the scarlet runner, cardoons, seakale, collards, corn salad, Swiss chard, Chinese artichokes, the broad bean and Japanese kiushu.

The dasheen is a rotato between the white and the sweet potato. It has an acceptable flavor and can be grown in soils impossible for the ordinary potato. The udo is some sort of rich relation to the asparagus. The roselle is an equivalent for the cranberry and flourishes in climates impracticable for the cranberry. Chinese cabbage looks like lettuce and tastes like exceedingly delicate cabbage. Swiss chard or silver beet resembles a narrow-leaved lettuce and is eaten as greens. Chinese artichoke looks like a sweet potato and makes its likers enthuse over its flavor. Corn salad or lamb's lettuce is eaten as is spinach. The "submarine" or aquatic potato grows in moist or even marshy ground.

The beauty of our new culinary friends is that many are actual early crops. This udo can be put on the market when asparagus is only ripening. It is not asparagus but it is an accepted rival. People eager for early asparagus therefore buy udo. Almost all of the other new vegetables have the same commercial availability. —Spokesman Review.

WATERMELON WILT

Lives for Years in Ground and Kills Plants—Destructive in Parts of Oregon.

Oregon Agricultural College, Corvallis, Ore., May 27. —Watermelon wilt, destructive in some parts of Oregon, is a fungus disease causing great loss where it occurs, as once established in a field it lives there for years and kills off the plants whenever watermelons are planted there.

F. D. Bailey of the pest force of the Oregon Agricultural College experiment station has done considerable work with this disease. The characteristic symptom is wilting and drooping of foliage, which comes on suddenly and in a short time the plant is dead. Some times a pinkish, mould-like growth comes out on the surface of the stem soon after the plant is killed, extending for a foot or more up the stem from the ground.

This wilt is caused by a fungus capable of living in the soil for several years, and may attack any melon plants afterwards planted in such fields. This fungus is composed of a very delicate branching thread-like growth, so delicate its presence could not be detected in the soil. On coming in contact with tender roots of the melon plant, it penetrates them and once within the tissues it finds the proper nourishment for rapid growth. Very small spores are produced and set free in the vessels, where they germinate to start new points of infection. Having germinated they produce a growth which plugs up the vessels and so prevents sap flow. This results in wilt and the death of the plant. Often the fungus comes to the surface, where another and larger kind of a spore may be produced in great numbers and readily carried by wind or insects, thus helping to scatter the disease over wide areas.

This disease is frequently carried to new fields through the application of manure. Diseased plants are frequently carried to the compost heap. It is also claimed that the fungus spores are not killed when passing through the alimentary canal of cattle, so it is necessary to see to it that cattle do not eat the wilted vines.

In the first-place every precaution should be taken to keep the disease from spreading to new fields. Tools used in a field where the disease is found should be cleaned and sterilized before using them in ground free from the trouble. Do not drive or walk directly from one to the other, or allow soil to be transferred, as it might be where irrigation is practiced. Keep the compost heap free from fungus. When the disease appears in a patch the affected should be removed and burned as soon as discovered.

In districts where this wilt is already widespread and the future cultivation of melons is desirable, the only course is to secure a resistant strain by breeding and selecting. This has already been done in several localities in the Southeast, and work is in progress toward this end at one place in the Willamette valley. It has been found that these resistant strains can rarely be transferred from one locality to another and still retain their resistance. The problem, therefore, becomes an individual one for each section of the country. The task will take several years and it will be necessary to devote several acres of good melon soil to the work in order to secure the desired results.

The experimental work consists in crossing the watermelon with the citron, which is more hardy and resistant to the wilt. By following the breeding with careful selection a resistant melon having good flavor and shipping qualities can be developed. The details of the work necessary can be obtained by writing to the department of plant pathology of the agricultural college.

FOUR BUD WEEVILS INJURE FRUIT SCIENS
That young fruit scions are receiving great injury from four different bud weevils, and that immediate protective steps should be taken is the opinion of Prof. H. F. Wilson, in charge of the entomology work at the Oregon Agricultural College.

"They sometimes appear in immense numbers on fruit trees and feed on the foliage and buds just opening," he says. "On large trees the damage is slight, but very young trees suffer, and may lose the proper branches for forming the head by having the buds eaten by the weevils. They do considerable damage on the young prune scions, stripping them completely and causing them to die in a short time."

"Spraying with arsenate of lead would undoubtedly kill them, but all weevils respond slowly to poisons, and the breeding grounds would furnish new supplies before the old disappeared. Hence spraying is not a practical remedy."

"As the beetles have no wings under the wing-beaths they must crawl into the trees. If, therefore, the trees are shaken in the cool of the day to dislodge the weevils, and something sticky is put around the tree, a large part of the damage will be prevented. Fainter's ink or a special preparation made by the 'Tanglefoot' manufacturers would be good."

YANHILL IMPORTING BETTER DAIRY CATTLE

At a meeting of dairymen held Friday in the Commercial Club rooms to consider the matter of importing good dairy cows, the proposition submitted by a Portland cattle buyer did not appeal to the farmers because he did not appear to grant them an investigation of the animals before purchasing them. The meeting was held under the auspices of the managers of the local milk condensing plant who are eager to obtain a better lot of cows to supply milk for the condenser.

While the farmers did not object to pay the prices quoted by the Portland cattle dealer, they did think they should be granted the privilege of sizing up the animals on their arrival at McMinnville before making final purchase.

Giebish & Joplin, who conduct the condenser, have now taken the matter into their own hands and will send a representative to Illinois to select good cows of the Holstein type, which will be brought here and sold to the farmers at reasonable prices. Two carloads, if possible, will be brought and the farmers will be allowed to select the animals they want. The scheme is not one to make money by selling high-priced cows but simply, as we understand it, to obtain cows that will give a larger quantity of milk so that the local plant can be run to better advantage by having the supply of milk more equally distributed the year round. —News Reporter, McMinnville.

CREAM FOR BUTTER MAKING

"A fairly rich cream gives best results for butter making," says O. G. Simpson of the Oregon Agricultural College dairy school. "A cream that will test 30 to 35 per cent or produce about three and a half pounds of butter to ten pounds of cream is good. Other conditions being equal, a rich cream will keep longer and churn more easily than a thin cream."

"If the cream is to be kept any length of time before ripening, it should be cooled immediately after skimming to below 60 degrees. Tin containers are preferable to crocks or other material. Tin allows the temperature to be changed more easily, and is easier to handle and keep clean. If two lots of cream are to be mixed, they should both as sume the same temperature before mixing."

ENGLISH PULLETS PRIZE WINNERS

The Spokesman-Review has an article this week showing that in an egg-laying contest English White Leghorn pullets produced 1117 eggs in a contest with selected pens from the United States, the nearest competitors being Illinois White Wyandottes with 948 eggs. The report goes on to state that the English White Leghorns differ considerably from the American White Leghorns. They are slightly larger, more rangy, have larger combs, lighter colored eyes, and their tails are pinched and not well spread. The English hens were bred from laying strains on both sides and consequently are brought to as high a degree of perfection as possible.

CHITTIM BARK AND GRAPE ROOT

H. C. Merwin & Sons Leave for Calipooia Saturday

H. C. Merwin and sons George and Eugene left Saturday with a camping outfit, headed for the Calipooia, where they will spend some time getting cascara bark and grape root. They make this a business every year and have cleaned up the Independence section pretty clean of grape root. Jess Merwin who has a crew of men at work near Monmouth, brought in his first wagon load of bark Friday, the bark being delivered to Allen Clark who is handling the same. Jess expects to have about 40 tons of bark this year.

LOCAL NEWS NOTES

Glen Peirce of Salem visited this week with his cousin, Vernon Brown.

R. A. Harris, a walnut nurseryman of McMinnville was a city visitor Friday.

Mrs. G. W. Conkey made a trip to Dallas decoration day, returning in the evening.

Mrs. W. S. Kurre is spending a few days at Albany visiting relatives and friends.

Hank Madison was out fishing Thursday and the report is that he returned with two fine chubs.

The Independence band gave an open air concert on Main and C streets Friday evening and a large crowd gathered to hear the music.

P. O. Powell and daughter of Monmouth were in the city Saturday.

Administratrix's Sale of Real Property.

In the County Court of the State of Oregon, for Polk County, in Probate. In the matter of the Estate of Burtis M. Baker, deceased.

To All Whom It May Concern: Notice is hereby given that in pursuance of an order of sale made and entered of record by the County Court of Polk County, Oregon, on the 29th day of May, 1913, in the matter of the estate of Burtis M. Baker, deceased, the undersigned, administratrix of said estate, will sell at private sale on and after the 30th day of June, 1913, to the highest and best bidder for cash in hand, subject to confirmation of sale by said Court, all the real property of the estate of said decedent, and particularly described as follows:

An undivided one-half interest in and to these two tracts of land, to-wit: The south half of the northeast quarter of Section Three in T. 10 S. R. 6 W. of the Willamette Meridian in Polk County, Oregon, and containing eighty acres of land. Also this other tract: Commencing at a certain piece of land sold to Jerry Evans by John Johnson, the same being a portion of the James Bridwell D. L. C. in section 2, in T. 10 S. R. 6 W. of the Willamette Meridian in Polk County, Oregon; thence north 17 chains, Thence east 10 chains; Thence south 13 chains; Thence southwesterly along the north line of the said tract of land sold to said Jerry Evans by said John Johnson, to the place of beginning, and containing 15 acres of land, situated in Polk County, Oregon.

Dated May 29, 1913.
MAUDE M. BAKER,
Administratrix of the estate of Burtis M. Baker, deceased.
CARY F. MARTIN,
Attorney for Estate.
Last pub., June 27.

NOTICE

Notice is hereby given that the County Court of Polk County, Oregon, will receive bids for crushing and hauling upon the roads 5,000 yards, more or less, of rock; 2,000 yards, more or less, at the Lee quarry, about 2 1/2 miles south of Falls City; 4,000 yards, more or less, at the Thorp quarry, near Willamina, Oregon.

Bids will be received for the crushing of rock at each quarry.
Bids will be received for the hauling of rock from each quarry from 1-4 to 16-4 miles.

All bids to be filed in the office of the County Clerk of Polk County, Oregon, on or before June 14th, 1913.

The Court reserves the right to reject any and all bids.
A. B. ROBINSON, JR.,
County Clerk.
Dallas, Ore., May 21, 1913.

Teachers' Examination

Notice is hereby given that the County Superintendent of Polk County will hold the regular examination for applicants

for State papers at the Court House in Dallas as follows:
Commencing Wednesday, June 18th, 1913, at 9 o'clock a. m., and continuing until Saturday, June 21st, 1913 at 4 p. m.

WEDNESDAY FORENOON
Writing, U. S. History, Physiology.
WEDNESDAY AFTERNOON
Physical Geography, Reading, Composition, Methods in Reading, Methods in Arithmetic.

THURSDAY FORENOON
Arithmetic, History of Education, Psychology, Methods in Geography.
THURSDAY AFTERNOON
Grammar, Geography, American Literature, Physics, Methods in Language, Thesis for Primary Certificate.

FRIDAY FORENOON
Theory and Practice, Orthography, English Literature, Chemistry.

FRIDAY AFTERNOON
School Law, Botany, Algebra, Civil Government.

SATURDAY FORENOON
Geometry, Geology.

SATURDAY AFTERNOON
General History, Bookkeeping.
Respectfully,
H. C. Seymour,
School Supt, Polk County, Oregon.

Notice to Creditors.

Notice is hereby given that the undersigned has been duly appointed administratrix of the estate of William M. Millhouser, deceased, by the County Court of the State of Oregon for Polk County, and has qualified as such.

All persons having claims against the said estate are hereby notified to present the same duly verified, together with the proper vouchers therefor, to the undersigned administratrix at her residence about four miles south of Independence, in said County, within six months from the date of this notice.

Dated and first published May 30, 1913.

MARY MILLHOUSER,
Administratrix of the estate of William M. Millhouser, deceased.
B. F. SWOPE, Attorney.
Last pub., June 27.

CLASSIFIED ADVERTISING

All notices under this head will be charged at the rate of 1c a word for one insertion or 5c a line by continuous advertisers. Fractional lines count as full lines.

DON'T BREATHE DUST

Use "Cedarine" sweeping compound for floors and linoleums—it collects the dust. "No Dust" for carpets and rugs. "Insecto" for bugs and roaches. For sale by Bice & Calbreath.

PROPERTY FOR RENT

Do you want to rent that house—f so see R. J. Taylor. He knows who will take it.

NOTICE, order copies of the Monitor's big special edition now. Single copies 10c, 6 for 50c.

Wants Grain and Seed

Allen Clark is in the market for oats and wheat in car lots.

WANTED—red clover and alsike seed by Allen Clarke, Monmouth.

ABSTRACTS OF TITLE

ABSTRACTS OF TITLE made promptly, carefully and at a reasonable price. Brown & Sibley, Attorneys and Abstractors, 610 Mill St. Dallas, Oregon.

DEALERS IN COAL AND WOOD

COAL FOR SALE; The Chas. K. Spaulding Logging Co.

ELECTRIC WIRING AND

Electric Supplies

I am prepared to wire your building for electric lights, furnish all materials and prepare you to connect with the Electric Light Company. Write me or phone 4021 and I will call on you.

SUPPLY HOUSE LOCATED ON THE

East Side of

Main Street

JAMES M. JONES

Independence - - - Oregon

CITY OFFICERS AND CLUBS

Independence, Polk Co., Oregon.

Population 1800, has water, sewer and electric light systems, \$25,000 high school, public school city park, hotel,

paved streets, two banks, fine railroad and boat connections, and city hall.

The city officers are:

Mayor, K. C. Eldredge.
Marshal, A. J. Tupper.
Recorder, B. F. Swope.
Treasurer, R. R. DeArmond.
City Councilmen, J. L. Hanna,
J. H. Dixon, A. L. Sperling, C. W. Irvine, W. H. Walker, P. H. Drexler.
Meets 1st and 3rd Wednesdays of each month.

Independence Commercial Club
Meets First and Third Tuesdays of each month. Membership over 100.
J. S. Cooper, President.
K. C. Eldredge, Treasurer.
J. G. McIntosh, Secretary.

R. J. Taylor

Has the Best Real Estate Bargains. Ask him.

CALL THE MONITOR

If Good Printing is What You Want. Phone or Write

The Thoroughbred Stallion TONY FAUST

By Imported Sain-Dam, St. Rose

16 1-2 hands high, weight 1150, one of the grandest thoroughbreds this side of the Rocky Mountains

Winner of the California Cup at three years old—2-1-4 miles, in the month of April—defeating aged horse, Red Leaf, one of King Brothers' handicap mares. A one-half interest in this horse was sold to Sam Hildreth, a week before the cup race was run, for \$15,000. He was taken to New York, where he was a winner, and was called around New York "The Face Maker."

Tony Faust is now at the Independence Race Track and his headquarters will be at this place until he goes out of our possession.

Any one wishing to breed to this kind of a horse, call at the track, see him and get the particulars. Tony Faust has served mares in British Columbia this season and has also had high-class Kentucky saddle mares bred to him. He has served good standard bred mares this season and has served some of the best thoroughbred mares on the Pacific coast this season. This horse has nice manners and a good head.

Galbreath Brothers, Owners
INDEPENDENCE, OREGON

Do You Comply with the Butter Law?

If not, read the following law and then have your Butter Wrappers nicely printed, with your name and the weight of the butter thereon.

CAUTION!

CHAPTER 179, SECTION 3

"It shall be unlawful for any person, firm, association or corporation to sell, offer or expose for sale, any short weight butter within the State of Oregon. All butter sold or exposed or offered for sale in rolls, prints or squares within the State of Oregon, shall be plainly marked: 'Eight ounces, full weight;' 'sixteen ounces, full weight;' 'twenty-four ounces, full weight;' on every roll, print or square sold, offered, or exposed for sale shall contain the number of ounces marked thereon; and any person, firm, association or corporation violating any of the provisions of this act, shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine of not less than \$25.00 or more than \$100.00, or by imprisonment in the county jail for not less than six months; or both such fine and imprisonment."

The Monitor can furnish you with good parchment Butter Wrappers, printed according to law at \$1.00 for the first hundred and 25 cents for each additional one hundred. This includes stock and printing. You can send your order by mail with the amount. Write plainly and state the size you wish.

INDEPENDENCE MONITOR
INDEPENDENCE, OREGON

C Street Market

Lard in bulk, - 15c per lb.
5-lb. Buckets, - 75c
10-lb. Buckets, - \$1.50

COMPOUND

5-lb. Buckets, - 60c
10-lb. Buckets, - \$1.15

We buy live and dressed cattle, sheep, hogs and veal

A. NELSON

Independence, - Oregon

HIGH SCHOOL SOUVENIR SPOONS STERLING SILVER

With Oregon State Handle and a Picture of the Independence High School in Bowl.

JUST THE THING FOR COMMENCEMENT PRESENTS

ROWE'S JEWELRY STORE

"WHERE A DOLLAR DOES ITS WHOLE DUTY"