Crop Tests Made All Over Nation

Progress Noted in Breeding Carrots and Onions; Study Potato Yields.

Vegetable growers will be interested in some of the research work now going on in many parts of the country. More than fifty new tests with vegetable crop plants were reported at a recent meeting of specialists in Boston.

Work done in California on vine crops, such as squash, shows the truth of the old belief the earlier the fruit is harvested, the greater the number of flowers and fruit received from the plant.

California workers also reported progress in breeding watermelons, carrots and onions. Now they want a watermelon that resists wilt, and other diseases, but which at the same time keeps its quality. They are also breeding for highly-colored, smooth, tender carrots.

Potato yields suffer sometimes, from lack of enough magnesium in the soil. The leaves usually turn light green or yellow as a result. One Virginia scientist believes chemical analysis of the lower leaves of the plant will show whether nitrogen or magnesium causes poor yields and change in color of the leaves. He adds that experiments show that placement of fertilizer in the soil may injure rather than aid the seed. When cut surfaces of potato seed pieces come in contact with fertilizer, healing is prevented, and injury or killing of the seed results. Whole seed does not suffer this type of injury.

Pasture Improvement Important for Farmers

Pasture improvement is a profitable undertaking on southeastern Ohio farms if live stock are kept to utilize the extra forage, D. R. Dodd finds after several years of demonstrations in fertilizing, liming and seeding these hillsides. From these tests he makes these deductions:

Reseeding of runout pasture at the time of applying lime and fertilizer is not necessary unless desirable pasture plants cover less than 5 per cent of the ground area or unless quick results are desired.

Fertilizers not only greatly increase the yield but also gradually change the kind of vegetation occupying the land.

When capital is limited, the largest return per dollar invested may be obtained from lime and superphospate. The largest net return, however, comes from a complete fertilizer.

Potash in addition to phosphate alone is not worthwhile as a general rule. Where nitrogen and phosphate are used, the return from additions of potash are much greater.

Nitrogen is by far the most effective of the three common elements in increasing yield. Returns from it, however, are rather limited unless phosphorus and potassium are also present in abundance.—Ohio Farmer.

Ice Requirements

To compute the annual ice requirements of a dairy farm in the northern states, if the ice house is moderately good and shrinkage from melting is not more than 30 per cent, half a ton of ice per cow is sufficient to cool the cream and hold it at a low temperature for delivery two or three times a week if suitable cooling tanks are used. If whole milk is to be cooled, the quantity of ice stored should be increased to one and a half tons per cow, says the United States Department of Agriculture. For the needs of the average family on a general farm at least five tons of ice are necessary for the season and, because of melting losses, this amounts to about the minimum to be considered, even for a well-insulated ice house.

Long Hitch Tiresome

While the difference between a 10-foot team hitch and 100-foot hitch is considerable, it is not as great as people make out, and it is all bosh that a team cannot drag a 94-pound bag of cement at the end of a 100-foot rope. They can drag it easily, but it would tire them much more rapidly because of the poorer footing. This same reason also explains why the front team of a tandem hitch tires so much more than the rear team; the flatter angle at which they must pull gives them a poorer chance to exert their strength.

Weed Seeds Live Long

In pointing out the longevity and vitality of weed seeds, the University of California agricultural extension service warns that planting clean seeds will aid in getting crops free from weeds, but if ever there were weeds on the ground, the practice cannot prevent them from sprouting, and growing. Morning glory, smartweed, broad-leaved dock, red clover, jimson weed, black nightingale, plantain, ragweed and curled lambsquarter seeds will live for thirty years, and then grow. Reed canary grass, purslane, black mustard, sugar beet, burdock and Canada thistle will live for twenty years.

Forest Found on Seabed

A forest of trees believed to be 40,000 years old has been found by divers at the bottom of the Baltic sea, between Rugen and the Swedish coast. They are at a depth of from 100 to 125 feet. Some of the trees still stand erect.

Hara-kiri

Hara-kiri (ha-ra-kee-ree) is the common name applied to self-destruction or "honorable death" by suicide of the Japanese. Mata Hari was a celebrated figure, a dancer, who was accused and executed as a German spy during the World war.

Box Letter Files. Sentinel.
Wedding Invitations. Sentinel.
Income Tax Records. Sentinel.

SOCIETY

Mr. and Mrs. L. D. Huff of Eugene, former Cottage Grove residents, entertained with a dinner Sunday of last week in honor of their son Claud of Bradwood, who was married Saturday to Miss Frieda Flood of Westport. Guests were Mr. an Mrs. C. M. Pentico and daughter Evelyn, Mr. and Mrs. George Willoughby and daughter Barbara and Mr. and Mrs. D. P. Caldwell and daughters Jane and Claribel and son Louis of Cottage Grove, Mr. and Mrs. E. P. Caldwell of Scio, Mr. and Mrs. Lloyd Hubbard of Wendling, Mr. and Mrs. Noel Pirtle of Coburg and Upton Bickford and Helen and Harley Huff of Eugene.

Mrs. Harold Swartz entertained with a 1:30 bridge dessert luncheon Friday. The table was attractively decorated in keeping with St. Patrick's day. Mrs. Victor Chambers held high score and Mrs. William Haldeman second high. Guests were Mrs. Charles Dear of Yoncalla, Mrs. Chambers, Mrs. Haldeman, Mrs. O. C. Davis, Mrs. R. V. Hawley, Mrs. Damon Scott, Mrs. H. C. Wells, Mrs. Schofield Stewart, Mrs. Chester Wheeler, Mrs. W. A. Ball, Mrs. Alvia Snofstall, Mrs. L. W. Coiner, Mrs. Clair Hogate, Mrs. John Kelly, Miss Bethel Gowdy and Mrs. Philip Bukowski.

The ladies' circle of the Baptist church entertained with a silver tea Wednesday afternoon of last week at the home of Mrs. K. K. Mills. Mrs. Benton Schrenk sang a solo, being accompanied by Mrs. George Foster, Miss Thelma Hodgson played several piano numbers and Billy Helliwell and Richard Smith sang a duet, being accompanied by Mrs. Roy Short. An artist contest was held in which Mrs. Marian Hopper won first prize and Mrs. D. A. Emerson second. Mrs. Nannie Smith and Mrs. A. C. Spriggs poured. The table and rooms were attractively decorated with marigolds.

Mrs. Bonita Skilling and Miss Bertha Howe entertained the Carnation club Friday evening at the home of Mrs. Skilling. At bridge Mrs. Philip Bukowski held hign score for members and Mrs. Carl King for guests. Mrs. Bukowski was welcomed as a new member. The rooms were attractively decorated with Orgon grape and wild currant. Refreshments were served at a late hour. Guests were Mrs. King, Mrs. W. A. Ball, Mrs. R. M. Rice, Mrs. Joe Bally, Mrs. Ralph Sheary and Mrs. Robert Thompson.

Mrs. O. V. Breese, Mrs. J. A. Merryman and Mrs. George Matthews entertained the Presbyterian ladies' aid society Wednesday afternoon of last week in the church parlors. Officers were elected as follows: Mrs. James P. Graham, president; Mrs. George Jacobsen, vice president; Mrs. O. W. Blackmore, secretary-treasurer. Richard Smith and Billy Helliwell sang a duet. Following the business session a social hour was enjoyed and refreshments were served. Decorations and favors were in keeping with St. Patrick's day.

Mrs. N. E. Glass entertained the LaComus club with a 1:30 dessert luncheon Tuesday. The table and rooms were attractive with spring flowers and the afternoon was spent socially. A handkerchief shower was given Mrs. A. W. Swanson, who will leave the last of the week for Jacksonville to make her home. Mrs. Wm. Beck was a guest. Plans were made for the annual luncheon to be held in two weeks at the home of Mrs. D. A. Emerson, president of the club.

Mrs. A. W. Kime entertained with two tables of bridge Tuesday evening honoring Mrs. A. W. Swanson, who will leave the last of the week for Jacksonville to make her home. Mrs. George Morgan held high score and Mrs. Ren Sanford low. Refreshments were served at a late hour. The table and rooms were attractive with marigolds. Guests were Mrs. Morgan, Mrs. Sanford, Mrs. Earl Fullmer, Mrs. W. B. Johnston, Mrs. Warren McFarland and Mrs. C. J. Kem.

A group of neighbors surprised Mrs. General Johnson at her home Monday afternoon, honoring her on her seventy-seventh birthday anniversary. The honored guest received many useful gifts. Refreshments were served at the tea hour. Those present were Mrs. Jennie Hayes, Mrs. Lora Finnerty, Mrs. Sarah Nixon, Mrs. Ella Nixon, Mrs. Grace Coop, Mrs. Ethel Miller, Mrs. Allene Multimore, Mrs. Marie Hogate, Miss Goldie Hayes and Mrs. Echo Weldon.

Members of the Kensington club entertained the Jolly Workers club of Hebron Wednesday of last week with a covered dish luncheon. Guests were Mrs. Mina Clark, Mrs. Margaret Murray, Mrs. Lela Clark, Mrs. Etta Buker, Mrs. Frances Patten, Mrs. Ida Kebelbeck, Mrs. Phoebe Williams, Mrs. Catharine Norton, Mrs. Phoebe Young, Mrs. Ruth Dugan, Mrs. Marie Dugan, Mrs. Bertha Cherry, Mrs. Betty Vincent, Mrs. Nancy Ewing and Mrs. Rachel Clover.

Mrs. S. V. Allison and Mrs. T. C. Wheeler entertained the Joker club Friday evening at the Allison home. At bridge Miss Eunice Van Denberg held high score. Bouquets of spring flowers made the rooms attractive and refreshments were served at a late hour, with Miss June Wheeler and Miss Jean Allison assisting the hostesses. The club will meet in two weeks, with Mrs. W. B. Johnston and Mrs. A. W. Swanson as hostesses.

At a meeting of Neighbors of Woodcraft Wednesday evening of last week Mrs. Margaret Sowles Newlun was initiated. Mrs. Nancy Oglesby was installed as manager, Mrs. Mabelle Wilson acting as installing officer. Refreshments were served following the meeting by Mrs. Elsie Currin, Mrs. Grace Davis and Mrs. Mabel Dixon. The tables were attractively decorated in keeping with the Easter season.

The Constellation club entertained with a benefit bridge party Thursday evening in the Masonic club rooms. The rooms were attractively decorated as a Japanese garden. Mrs. O. E. Woodson held high score for women aand Mrs. R. M. Rice second high. Howard Arnest held high score for men and Carl King second high. Refreshments were served at a late hour.

Mrs. Harley Gates entertained the La Mercredi Pont club with a 1:30 bridge dessert luncheon Wednesday of last week at the home of Mrs. Fred Anderson. The table was attractive with jonquils and spirea. Mrs. S. R. Veatch held high score. Mrs. Phillip Bukowski was a guest. The club will meet in two weeks with Mrs. Harold Whitlock.

The O. L. H. club will be entertained with a 1:30 bridge desssert luncheon Tuesday at the home of Mrs. George Morgan.

Mrs. Bessie Sutcliffe entertained Friday evening. Bouquets of spring flowers served as decorations, and refreshments were served at a late hour. Guests were Mr. and Mrs. C. E. Umphrey, Mr. and Mrs. S. L. Mackin, Mr. and Mrs. N. E. Compton, Mr. and Mrs. E. E. Cone, Mr. and Mrs. Ransom Cone, Mr. and Mrs. G. B. Arnest, Mr. and Mrs. D. W. Sturges, Mrs. Andrew Brund and Omer Moore.

The Research club met Tuesday evening. Mrs. Fay Isom reported on "Gardens," Miss Nora Ward on "Biography of Luther Burbank" and Mrs. Alvis Wicks reviewed a magazine article, "The Critical Condition of the American Educational System." The next meeting in two weeks will be the annual meeting.

Mrs. S. V. Allison entertained the Utopia club with a 1:30 dessert luncheon Thursday. The table was decorated in keeping with the Easter season and the rooms were attractive with bouquets of spring flowers. Mrs. Ernest Sears and Mrs. C. K. Haynes were guests.

Mrs. S. R. Veatch entertained the Elmartes club with a 1 o'clock luncheon Tuesday at the Colonial. The table was attractively decorated with doronicum and iris. At bridge Mrs. Charles Hall held high score. The club will meet in two weeks with Mrs. Hall for a 1 o'clock luncheon.

Mrs. Elmer Neet entertained the Needlecraft club at a 1:30 luncheon Wednesday. The table and rooms were attractively decorated with spring flowers and the afternoon was spent sewing and socially. The club will meet in two weeks with Mrs. Peter Nelson.

Mrs. Roy Short entertained the M. P. G. club with a 1:30 dessert luncheon Tuesday. The tables were attractively decorated in keeping with the Easter season. Mrs. Benton Schrenk was a guest. The club will meet in two weeks with Mrs. O. L. Nichols.

The Delphian society will meet Monday evening at the home of Mrs. Elbert Bede instead of at the home of Mrs. C. C. Cruson as planned.

The Tanglefoot club will meet this evening (Thursday).

The Temple of Tigers, Chichen Itza, has been reclaimed from ruin.

French postage stamps carry advertisements printed in the margin.

NOTICE OF SHERIFF'S SALE REAL PROPERTY.

Notice is hereby given that by virtue of an execution and order of sale issued out of the Circuit Court of the State of Oregon for Lane County this 20th day of March, 1934, upon and pursuant to a decree duly given and made by said Court this 16th day of March, 1934, in a suit pending therein in which The Prudential Insurance Company of America, a corporation, was plaintiff and Ira E. Foote, et. al. were defendants, which execution and order of sale was to me directed and commanded me to sell the real property hereinafter described to satisfy certain liens and charges in said decree specified, I will on Friday, the 20th day of April, 1934, at the hour of 10 o'clock a. m. at the southwest door of the Court House in Eugene, Lane County, Oregon, offer for sale and sell at public auction for cash, subject to redemption as provided by law, all of the right, title and interest of the defendants in said suit and all parties claiming by, through or under them or any of them in or to the following described real property, to-wit:

Beginning at a point in the Section line 2.50 chains East of the Southwest corner of the Southeast quarter of the Southeast quarter of Section 12, Township 17 South, Range 5 West of the Willamette Meridian, running thence East 17.50 chains to the Southeast corner of said Section 12, thence North, along the section line, 20.00 chains; thence East 3.00 chains; thence North 10.00 chains; thence West 3.00 chains; thence North 7.74 chains to the center of the County Road; thence North 86 degrees 40 minutes West along the center of the County Road 17.53 chains to a point 2.50 chains East of the West line of the Northeast quarter of the Southeast quarter of said Section 12; thence South 38.74 chains to the place of beginning, containing 70.00 acres, more or less, in Lane County, Oregon.

Dated this 20th day of March, 1934. C. A. SWARTS, Sheriff.
m22a19wf
By A. E. Hulegaard, Deputy.

Catholic Service Being Held.

Father Francis P. Liepzig, pastor of St. Mary's Catholic church in Eugene, will complete a weeks' mission in Our Lady of Perpetual Help Catholic church of this city Sunday morning at the 8 o'clock mass. The choir will sing hymns during the mass.

Father Liepzig will discuss the topics: "Why Devotion to the Blessed Virgin and the Saints?" Thursday evening, "Passion of Our Lord Friday evening and "Our Savior" Saturday evening. Following instruction Saturday, benediction of the blessed sacrament will be held.

Easter Sunday morning mass will be said at 8, with Father Basil of Mt. Angel college in charge.

Window Falls, Hands Lacerated.

Gene Burkett of Marshfield, who visited here over the week end at the home of his grandmother, Mrs. W. E. Burkett, suffered lacerated hands when a window which he was raising fell down onto his hands. He had recovered sufficiently to be able to return to Marshfield Monday.

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The North 50 feet of the following described tract: Beginning at the Northwest corner of Lot 5 of Block 13, of Elias Stewart's Addition to Eugene, Lane County, Oregon, running thence South 100 feet on the West line of said Lot 5; thence East parallel with the North line of said Lot 5, 50 feet; thence North parallel with the West line of said Lot 5, 100 feet, to the North line of said Lot 5; thence West to the place of beginning, being 50 feet, and all in the City of Eugene, Lane County, Oregon.

Dated this 20th day of March, 1934. C. A. SWARTS, Sheriff.
m22a19wf
By A. E. Hulegaard, Deputy.

NOTICE FOR PUBLICATION.

Department of the Interior, general land office at Roseburg, Ore., February 19, 1934

Notice is hereby given that Ananias Land of Dorena, Ore., who, on January 13, 1931, made Homestead entry, Serial No. 019425, for SW¼ SW¼ section 3, township 21 S, range 2 W., Willamette meridian, has filed notice of intention to make final three-year proof, to establish claim to the land above described, before E. O. Immel, U. S. Commissioner, at Eugene, Ore., on the 3rd day of April, 1934.

Claimant names as witnesses: Fred Fleck, Ray McCargar, Verlin Ward, Warren Kelly, all of Dorena, Ore.

HAMILL A. CANADAY,
f22-m22 Commissioner or Register.

Drink Water With Meals Good for Stomach

Water with meals helps stomach juices, aids digestion. If bloated with gas add a spoonful of Adlerika. One dose cleans out poisons and washes BOTH upper and lower bowels. Kem's for Drugs. (4)

Suffer from Backache?

Elmer Ross of 608 So. 16th St., Boise, Idaho, says: "Some time ago I had a pain in the small of my back. When I sat down, the ache became more severe and I felt so stiff and sore across my back. My kidneys seemed to be weak, acted much too freely. Dr. Pierce's A-nuric completely rid me of the backache and kidney weakness." All druggists.

Send 10c to Dr. Pierce's Clinic, Buffalo, N. Y., for a trial pkg. "We Do Our Part."

Scout Court of Honor Planned.

Plans for a boy scout court of honor to be held the first week in May were discussed Tuesday evening at a meeting of troop No. 18. Ransom Cone talked on the formation of a harmonica band and F. L. Grannis talked on "Scouts and Scouting." Plans were made for a night hike to start from the armory at 5 o'clock Friday evening.

Varicose or Swollen Veins—Ulcers

You poor sufferers from bad legs! What misery you have endured! What crippling discomfort!

But here at last is help for you. No operations nor injections. No enforced rest nor time off from work. A simple home treatment with Emerald Oil heals your sores like magic, reduces swelling, ends pain, and makes your legs as good as new—while you go about your daily routine as usual.

Follow the easy directions—you are sure to be helped or money back. Cottage Grove Pharmacy. (4)

Ag Meetings Being Held.

Burris L. Young, agricultural instructor in the high school, is conducting a series of ten agricultural meetings at the Farmers' Union hall at Hebron. Mr. King, irrigation and soil specialist, will speak at the next meeting, Tuesday evening, March 27.

Box Letter Files. Sentinel.

In 48 Hours Backache—Rheumatic Agony Gone

There's Joy in This Home

Safe, swift and sure is ALLENRU—in 24 hours the excess uric acid that caused your rheumatic attack or your neuritis or sciatica starts to leave the body—in 48 hours pain, agony and swelling ceases—no wonder many thousands are thankful and sing its praises.

Ask for ALLENRU—a powerful yet safe prescription that is so outstanding in its effectiveness that it is sold by Cottage Grove Pharmacy for rheumatism, lumbago, sciatica and neuritis. Your first bottle—costs 85c—must give results or money back. (3)

Freeman Orchestra
Entertainment
and
DANCE
At Mt. View Pavilion
Culp Creek
SATURDAY NIGHT
March 24

QUICK—SAFE—CERTAIN
STOMACH RELIEF

ZINSEP Compound has an almost unfailing record of success in the relief of stomach trouble. It works when others fail because it is strictly a stomach and intestinal remedy—nothing else.

Doctors recognize the value of its ingredients. Thousands of sufferers testify to the amazing success of Zinsep.

If you suffer from any disorder caused by a troubled stomach, try this remarkable remedy now. Your druggist has Zinsep—and it costs nothing if not satisfactory.

Zinsep

NEXT WEEK WILL BE
Garden Court
Beauty Week

You are cordially invited to a special showing of the New Garden Court Toiletries at our store during the coming week.

It will be Garden Court Beauty Week, and with the purchase of any Garden Court product at the regular price, which is 55 cents, you will be privileged to select any other Garden Court product of the same value, and it will be given to you without charge, as a compliment of the manufacturer.

The line consists of many items for the daily care of the skin, such as Creams, Lotions, Astringents, Face Powder, etc., and all are reasonably priced at 55 cents each.

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KELLY DRUG CO.
John Kelly, Prop.

ALWAYS MAKING FRIENDS
IRISH-SWARTZ Company, Inc.
FINE-FOODS
PHONE 53 COTTAGE GROVE, OREGON

Phone 53-2 Free City Deliveries Daily
SPECIALS FOR MARCH 23-24-26

Fisher's Blend Flour ..... 49-lb. bag $1.69
Delicious Flour ..... 49-lb. bag $1.55
Fels Naptha Soap ..... 10 bars 43c
Clabber Girl Baking Powder ..... 10-oz. can 5c
We also have this in 2- 5- and10-lb. cans
Crackers, grahams or wafers ..... 2-lb. boxes 25c
Matches, Comet or Winner ..... carton 20c
Salt, Leslie's ..... 7-lb. bags 17c
Sugar, fine cane ..... 10 lbs. 47c, 100 lbs. $4.59
Chocolate Malted Milk ..... Goody brand, lb. can 25c
Diamond A Corn ..... whole kernel, No. 2 cans, 2 for 25c
Pep, baseball book free with 2 pkgs. ..... 2 for 19c
White Eagle Chips ..... 5-lb. pkg. 29c

SALAD TIME DRESSING ~ 29c Quart
Made by the Makers of NALLEY'S MAYONNAISE
Salad Time Dressing

Syrup—Amaizo
5 lbs. white 35c
5 lbs. golden 35c

We will accept Lane county warrants in trade for groceries

Meat Department
Friday, Saturday and Monday Specials

Shortening
3 lbs. for . . . 25c
Lard, 3 lbs. . 29c

LARD
4 lbs. 38c

STEAKS
LOIN
ROUND
T-BONE
17½ c lb.

Swift's Premium Whole or Half
HAMS—19c lb.
Center Slices . . 10c

Hamburger . . 10c lb.
Beef Roasts
12½c lb.
Short Ribs 10c lb.

WHERE THE THRIFTY THRIVE
IRISH-SWARTZ Company, Inc.
TASTY-FOODS
WHERE SMILING SERVICE WELCOMES YOU