

THE SPRINGFIELD NEWS

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"GARDEN SUCCESS DEMANDS CAREFUL ATTENTION"—ROBB

Lane County Agricultural Agent Outlines Way to Grow Good Vegetables

AN ACRE IS ENOUGH LAND

Anyone Devoting a Little Time Every Day Can Successfully Grow a Small Vegetable Garden

By N. S. Robb, Lane County Agricultural Agent.

There never was a time in the history of our county when our gardens warranted more careful attention than during the present world food shortage and the scarcity of farm help. This last factor together with the unfavorable season is going to influence the production of cereal crops in this section during the present year.

To meet these demands it seems that some means must be devised whereby substitutes for part of our cereal diet can be had and thus release a greater portion of cereals for export.

The movement to encourage the small vegetable garden is one that is timely and undoubtedly will assist in solving this problem of increasing the food supply to a certain extent, especially until the next harvest time.

Any person who is willing to devote a little time each day can successfully grow a small vegetable garden if he can give the care and attention necessary. The saying that no man knows what an acre will produce holds the truth with the small vegetable garden. It is not unreasonable to expect a small lot to supply fresh vegetables for a family and also supply some of the winter vegetables.

There are several things a person should take into consideration in planting the garden if he is to get the most benefit from his efforts.

Good Seed Bed Important.
One of the essentials in the growing of a small vegetable garden is a well prepared seed bed.

The better prepared the seed bed is the greater will be the returns. To obtain a good seed bed the ground should be plowed fairly deep, if the surface soil is deep, and harrowed until the soil has a good tilth. If the subsoil is close to the surface it is advisable to plow more shallow especially at this season of the year. Disking before plowing is a great aid in pulverizing the ground especially if the ground has a tendency to be soddy. This point should not be overlooked this year as some land that has lain idle for several years and has become soddy is being utilized for garden spots. On wet ground if the soil cannot be torn or worked up well, after plowing finish by disking and harrowing. The larger seeded crops and beans, peas, corn and vine crops should be planted on such land and onions and the smaller seeded crops do best on well pulverized ground and will not do so well on ground that is soddy or lumpy or poorly prepared.

Manure the Best Fertilizer

A great many questions are asked about the use of fertilizers and the advisability of buying commercial fertilizers. The one best fertilizer is well rotted manure and if we can obtain this the worries about fertilizing cease for there is no other fertilizer that can equal it for all purposes. It supplies all the elements of plant food needed by the various varieties of vegetables and supplies large quantities of humus besides. Where vegetable matter is added to the garden soil the texture of it will be improved. It will be made earlier and will hold more moisture. None of these qualities are possessed by any commercial fertilizer; all are essential however and for these reasons alone if for no other, manure is superior as a single fertilizer. There can be too much manure applied to the land but the trouble generally lies on the other side. A safe rule to go by is to apply about 250 to 300 pounds of well rotted manure per square rod. This should be well worked into the soil by means of a hoe or rake.

Potash is an essential element in the development of all food crops and can be supplied by applying wood ashes at the rate of 15 to 20 pounds of

leached wood ashes per square rod.

Nitrate of soda is sometimes used for hastening the growth especially to the Spring. This fertilizer tends to make a quick rank growth. It is applied to the rows at the rate of 1 1/2 pounds to the square rod. The best way to apply this substance is by dissolving in 12 gallons of water and sprinkling the rows.

General or complete fertilizers are applied at the rate of 10 to 15 pounds to the square rod.

Concerning the fertilizer question from all sides the well rotted manure and the wood ashes supply all the ingredients that the commercial fertilizers do at a lower cost.

Minor Facts that Count.

Soaking the seed before planting will hasten the germination and shorten the growing period somewhat. Transplanting is of advantage to most garden crops. The practice tends to produce stockier and more thrifty plants.

Compacting the soil after planting the seed is important as it hastens germination and allows the establishment of better root systems.

Succession Crops Give Best Returns.

The planting of two crops on the same ground during the same season is known as growing succession crops. The early plantings and early maturing varieties can be followed by later and other quick maturing crops and the yield for the year greatly increased. This is a practice followed by most truck gardeners and found to be very profitable.

Cultivation Essential.

The surface soil should never be allowed to become crusted in the small vegetable garden. It should be stirred frequently to allow the air to penetrate the soil, and to keep down the growth of weeds and conserve the moisture. The best results in gardening will only be obtained through an abundance of cultivation. This to some is the "if" in successful gardening, but when one gives the proper cultivation he will be repaid well for his efforts, as this lack of cultivation may mean the failure of the garden.

Clarissa E. Knott Passed Saturday

Local Woman Dies at Age of 71 Years, After Long Illness; Funeral Held Yesterday

Mrs. Clarissa E. Knott, of this city died at the home of her son, W. E. Knott, at 9:30 Saturday morning. She was 71 years of age, and came to Springfield from Carson City, Michigan two and a half years ago.

Mrs. Knott has been very ill for some time. She is survived by four children: Mrs. Robert Wynd, Mrs. George W. Crawford, and W. E. Knott, all of Springfield, and Elmer Knott of Carson Mich.

LEAVES TO JOIN HUSBAND

Mrs. Delbert Crouch Leaves Springfield for Indefinite Stay

Mrs. Delbert Crouch left Saturday evening for North Yakima, Washington, to join Mr. Crouch, who is with the Rembrandt Art company. Mrs. Crouch will travel with her husband for six months or a year. Their daughter, Miss Thelma is with her grandmother, Mrs. Thomas Applegate at Yoncolla, and is continuing her school work. Mr. and Mrs. Henry Swarts, who are moving to this city from Eugene have rented the Crouch home, furnished, on Seventh and E streets.

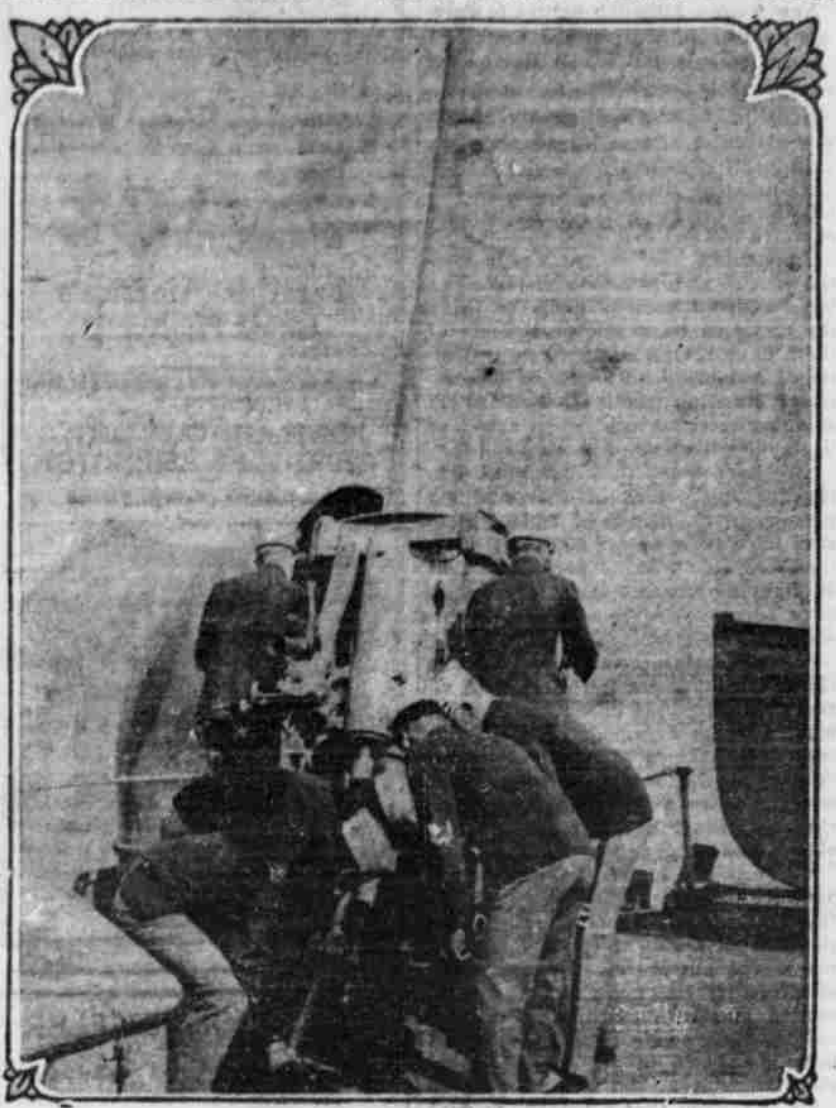
Is Submarine Victim

Mrs. C. J. Gorrie, Sr., received word from her sister in Scotland that one of her cousins who was a sea captain on one of the steamers was the victim of a German submarine January 10; the boat was sunk and all perished including the captain except seven men who were taken German prisoners. The young man was aged 34 years and left a wife and several children.

Local Pastor is Dedicator

Reverend Chris H. Jensen pastor of the Christian church of this city, delivered the dedicatory sermon at the dedication of the Christian church at Trent yesterday. A basket dinner was served at the church at noon.

DREADNAUGHT'S ANTI AIR CRAFT GUN



As fast as they can be completed anti-air craft guns, such as this one on the U. S. battleship Pennsylvania, will be put on all our dreadnaughts.

INTERESTED CROWD HEARS FOOD TALKS

Preparedness Demonstration of O. A. C. and S. P. is Profitable to Local People

An enthusiastic audience of students and citizens filled the Bell theater at ten o'clock this morning for the "Food Preparedness" demonstration lectures by Oregon Agricultural College instructors. The lectures, which are being given in several Valley towns, are under the auspices of the college and the Southern Pacific railroad company. They were intensely interesting and a great deal of good was gleaned from them by local lot gardeners and housewives.

The substitution of cheaper foods for some which we use now, and their preparations, the use of fireless cookers, and preserving eggs were some of the subjects touched on by Miss Turley of the domestic science department, who opened the meeting, being introduced by H. D. Olsen, traveling freight agent of the Southern Pacific company.

Miss Turley suggested that more rice, homony, and macaroni, be used in place of potatoes, and advocated the more extensive use of cheese and milk instead of so much meat. She also emphasized the importance of using more vegetables. "Waste" is also a big feature in the present high cost of living, she said. Seven hundred million dollars was charged to waste last year; most of this was due to throwing in the garbage pail, poor preparation and service, and spoiled food in the home. Miss Turley urged housewives to study food values before planning their meals.

Professor Brown gave a short, but very interesting talk on vegetable gardening and said, the first four essentials in good gardening are good seed, soil and fertilizer and a good plan. He urges everyone to preserve in every way possible, vegetables, for winter use and advises drying instead of so much canning. He also advises using Oregon seed as he believes it is better adapted to our climate and soil.

Miss Cowgill gave a very instructive talk of canning and preservation of foods and by practical demonstrations showed just how it should be done. She canned some rhubarb and told how vegetables and meat should be canned for future use.

W. J. White proprietor of the Bell theater announced to the audience present that he would give a free ticket good for all performances at the Bell theater for a week for the best paper by any boy or girl on this meeting.

BAPTIST MINISTER RESIGNS PASTORATE

Congregation Greatly Surprised and Saddened At Rev. Ferris' Decision

The usual congregation of the Baptist church met for worship yesterday morning and listened with appreciative attention to an earnest and practical message on "Why unite with the church;" but were greatly surprised, when at the conclusion the pastor tendered his resignation to take effect the last Sunday in June.

In presenting his resignation, Pastor Ferris said in part:

"We desire to close our labors for several reasons. I have placed them in two groups of three each, negative and affirmative. "First, because of what you do not do: You do not attend prayer service. You do not tithe or execute an adequate financial method. You do not entouse.

"The second group because of what you do: You do go elsewhere. We meet you on various occasions of entertainment elsewhere (and gladly too) but the fact remains that the same mud-hole lays alike between that place and this. The rain that kept you away from church was no wetter than the rain that soaked you when you went to lodge or attended other social functions.

"You do get between my guns and the enemy. Every careless act as touching the Lord's Day and sacredness of His house and worship is getting between the message of the Gospel and the enemy. Paul said, 'I tarry long (write at length) that thou mayest know how thou oughtest to behave thyself in the house of God, which is the church of the Living God, pillar and ground of truth.'

The pastor gave the people to realize that he spoke in loving solicitude for their prosperity and the growth of God's kingdom as represented by the Baptist church, and closed with words of advice as touching the future.

Rev. and Dr. Ferris came to this charge September, 1915, and have been untiring in their efforts for spiritual, moral and civic righteousness. It is said that such a degree of prosperity has been experienced by the church as has not marked its history for some years. During the past 18 months between 40 and 50 have been added to the membership, the greater part by baptism.

Members of the church are expressing regret and entertaining the hope that the resignation may be reconsidered.

Buys Motor Truck
The Springfield Feed company replaced its delivery team with a 1 ton Ford motor truck Saturday.

HELD ON SERIOUS CHARGE

Herbert Moore is Bound Over to Juvenile Court

Herbert Moore and Eunice Parker, two well-known young people of this city, left at a late hour last Friday night in Miss Margaret Morris' automobile but their plans were frustrated when the car became stalled in the mud on the Pacific highway south of Cottage Grove. They remained in the car all night and Saturday morning drove back to Cottage Grove, where it is alleged Moore attempted to sell the car. He was arrested there, and both were brought to Eugene.

Moore was held for an examination in the juvenile court with bail at \$500 and the girl was turned over to her parents. Moore is charged in the complaint with "doing an act manifestly tended to cause a child to become delinquent."

The young folks say they had intended going to California where they expected to work.

It is expected that a date for the hearing will be set tonight, when J. M. Deavers, who will represent the boy, shall have returned from Portland.

NEWLYWEDS TO LIVE HERE

Mr. and Mrs. William Dawson of Albany Arrived Here Yesterday

Mr. and Mrs. William Dawson arrived here yesterday from Albany and will make their home in the James L. Clark residence on Second street. Mr. Dawson has been employed as a mechanic in the Springfield garage for the past four months, going to Albany last Saturday to bring his bride back with him. The young people were married in Albany at the Baptist parsonage by the Reverend G. W. Young Saturday evening. Mrs. Dawson, nee Miss May Hughes is the daughter of Mr. and Mrs. G. W. Hughes and Mr. Dawson is the son of Mr. and Mrs. M. F. Dawson. Both families are prominent in the business and social life of Albany.

"Baby Week" Will Be Observed Here

Interesting Program With Three Strong Addresses Prepared For Tuesday Evening

Following is the program for the observance of National Baby Week to be given here Tuesday evening, May 1, 1917, at 7:30 o'clock in the Baptist church:

Song "Lullaby" High School girls
Address "What the Community can do for the Welfare of its Babies" Mrs. R. L. Kirk.
Recitation "Our Flag and Yours" Dorothy Moore.

Address "Food for the Mother and Child" Miss Anne McCormick.
Song "Slumber Song" Mrs. J. E. Richmond.

Address "The Care of Children" Dr. Eugene Kester.

Dr. Kester will also answer questions asked concerning the care of babies.

Every mother is urged to come out and hear this program which has been prepared especially for the mothers.

CIRCLE ELECTS DELEGATES

Mesdames Cora Hinson, Nina McPherson, and Ellen Thompson Selected

Delegates were elected by the Women of Woodcraft, Pine circle No. 45, at its last meeting. The convention will be held in Roseburg in June and the following delegates elected: Mrs. Cora Hinson, Mrs. Nina McPherson, Mrs. Ellen Thompson, and alternates, Mrs. A. D. Ruddiman, Mrs. Emily Dority and Mrs. Lily Kizer.

All Get Palmer Buttons

Miss Nora J. Sorenson sent in 50 pupils' drills from the seventh and eighth grades for the 25-drill Palmer button, and announces that each pupil was successful in being awarded the emblem. Greater interest is being taken in writing this year than in any year previous, not only in these two grades, but through the whole school.

Boy Injured in Fall

Harry Regan cut a gash in his head, bruised one shoulder and the left arm to the elbow, when the bicycle on which he was coasting Friday evening skidded, throwing him to the ground. None of the injuries are serious, but they are quite painful.

FOODSTUFFS WILL BE RAISED ON BIG SCALE THIS YEAR

Growers of County Will Plant Over 6,000 Acres of Beans And Many of Potatoes

FARMERS GRUB OUT HOPS

Working of Ground for Spuds, Beans And Grain Begun in Earnest; Seed Potatoes Are Short

Lane county and the Willamette Valley will be much more productive of foodstuffs in the coming year, than ever before. Increased acreages of beans and potatoes in particular will occupy the land where hopyards formerly thrived. It appears now as if this county will have at least 6,000 acres of beans, as compared with the former acreage of about 600. The increase in the 1917 potato yield over the 1916 yield cannot be estimated at this time, but it will be appreciable says E. E. Morrison, local dealer and grower. Last year there were better than 300 cars of the tubers shipped from this neighborhood alone, and this figure will be enormously increased.

Farmers in this vicinity are commencing in earnest the grubbing out of the hop vines and the working of the ground for food crops. James Seavey has plowed up 100 acres of hops, while Tom Seavey is taking out his entire yard of probably 30 acres, north of Springfield. R. A. Brady, who resides east of Creswell, has grubbed out 40 acres of hops. The Palmer brothers, who operate the Campbell-Walker yard between here and Judkin's Point have taken out 25 or 30 acres. Glen Anderson will grow potatoes or beans on a 10 acre tract in Douglas Gardens which used to be a hopyard. E. E. Morrison will dig up two small yards, eight acres at Dedman's Ferry, and 10 on the Hugh Sandgate place north of McKenzie Bridge.

Besides this wholesale replanting of hop yards, men and women are both busy in this whole section putting in temporary early crops such as lettuce, peas, onions, and other perishable vegetables. Many amateur gardeners are beginning to see some results of their labors, some families in this city already enjoying the sight of green shoots above the ground.

Quite a lot of grain will be sown this year also. Contrary to rumor it is not too late for wheat. Everywhere the season is about five weeks backward this year. However, Governor Withycombe's brother, who has made a study of conditions and who has kept records, has made a statement to the effect that a late Spring does not make any difference in crops. If they had been gotten in earlier, the frosts would have injured the first shoots.

A worse difficulty than the lateness of the season is the shortness of the seed potato supply. Mr. Morrison says there are not enough seed potatoes in the county, if all were planted, to raise sufficient potatoes for the 1917 consumption, although the growers will have more this year than they have ever had in previous years. It is Mr. Morrison's opinion that the whole United States will be looking to Oregon and Washington for potatoes next year.

MUD FLATTERS TRIUMPH

Local Boys Lose First Baseball Game of Season on Oozy Field

The "Mud Flat" team from Eugene proved to be in its element yesterday afternoon, when it met the local Booth-Kelly team on the Springfield grounds in the first baseball game of the season on a wet and oozy field. The score at the end of the fifth stood 11 to 2 in favor of the Mud Flatters.

Will Help Save Animals

To meet the emergency which exists the Supervisors of the National Forests in Oregon and Washington have been authorized to open them to live stock which is short of feed earlier than the usual date, whenever it can be done without material injury to the early grasses. The forest service will make every effort to aid the stockmen in saving their animals from starvation.