

DIVERSIFYING OF CROPS NECESSARY FOR BEST RESULTS

Oregon Farmers Should Produce More of Their Own Needs, Asserts Prof. C. I. Lewis of the O. A. C.

Corvallis, Or., June 6.—"The general tendency of most fruit raisers on the Pacific coast," says Professor C. I. Lewis of the Oregon Agricultural college, in an address here, "has been to specialize, and by specializing they have undoubtedly been able to grow a higher grade of produce than they could otherwise. But specializing in one fruit alone is more or less dangerous. It works well as long as the prices are good and the margin of profit is wide, but whenever the margin of profit becomes narrow and the prices are low the system is not as satisfactory, and often works hardships on the men who are not backed over well financially."

"The most prosperous fruit districts on the Pacific coast are really those which are producing a great diversity of crops. This may not mean that each individual orchardist is growing a very wide range of fruits, but it means that the community as a whole is producing a diversity of production. A community that is producing prunes, peaches, cherries, walnuts, apples, pears and berries generally has something to sell every year, and is established on a firmer financial basis than the region which is dependent on one of these fruits alone."

"We hear a great deal about diversified agriculture and diversified farming at present, and, for a certain class of people, under proper conditions, diversified farming would be a most profitable life to take up. How far a fruitgrower can diversify would depend largely on the soil, climate and the individual. I want to call your attention, however, to the fact that diversifying in agriculture does not mean specializing in three or four lines of agriculture. That is, it is better for a man to choose some specialty and make his other lines largely subordinate to this specialty. If he attempts to make a specialty of three or four lines, as apple-growing, poultry raising and dairying, he is very apt to make a fizzle and not be very successful in anything. On the other hand, he can choose a line which he naturally likes the best to specialize in, and grow fruits or farm crops that do not interfere vitally with his specialty."

Good Garden a Necessity.
"One mistake that the fruitgrower has made as a class is that they do not grow enough of what they eat. Every fruitgrower should have a good garden; should raise his own vegetables and potatoes; he should keep a flock of chickens to supply the family table, and also to have a surplus to sell; he should keep at least a family cow for milk, cream and butter; and he can very nicely produce his own pork. How much he can diversify more than this is a question that each man must work out largely for himself."

"With livestock, the two lines which will probably work better with fruit than anything else are chickens and hogs. Whatever livestock the fruitgrower chooses should be first class. If he breeds his horses, breed them to a good stallion, and raise first class colts. His chickens and pigs and cows should be of the best, and he should join in the idea of community breeding and work hand in hand with the dairyman and animal husbandman, who is striving to build up the livestock industry in Oregon. Then from whatever surplus the fruitgrower has to sell he will realize the highest revenue."

Some Grow Too Many Things.
"The disadvantages of diversifying are that people are apt to overreach themselves. They try to grow too great a variety of crops, there are too many details to attend to, and as a result the quality of the fruit they produce becomes low. Eastern experiments have shown us that where one tries to diversify too much the quality invariably falls down, and probably the standing the west has at the present time over the east is due to the fact that we attend to the details better and produce a higher grade of fruit."

"There are many orchardists, however, who could grow quite a diversity of fruits, and the work can be so arranged that one does not interfere very much with the other. Italian prunes are generally out of the way by the time the apples require much attention; sweet cherries and pie cherries do not interfere with prunes or apples, and berries fit in with nearly all lines of horticulture. They conflict probably more with cherries than with any other tree fruits. The Willamette valley is a natural diversified region. Here we find apples, berries, prunes, cherries, grapes, walnuts, small fruits and garden truck, all growing to a high degree of perfection. We have here splendid opportunities for building up a horticulture which will be very sound and which will mean a high annual income. There is practically no center in the Willamette valley but what can produce more or less of all of the produce I have enumerated. Salem, Or., is a good example of what diversified horticulture is doing, and it is very seldom that there is a complete crop failure in that region. There is generally something to sell every year, cherries, prunes, apples, pears, peaches and small fruits all being grown."

"Practically every other center in the Willamette valley has an equal opportunity. The springing up of canneries is going to help us out in our problem, because the canneries and diversified horticulture go hand in hand. The canneries to be successful must run over a long season and must have a range

LAD HAS PERILOUS RIDE ON COLUMBIA

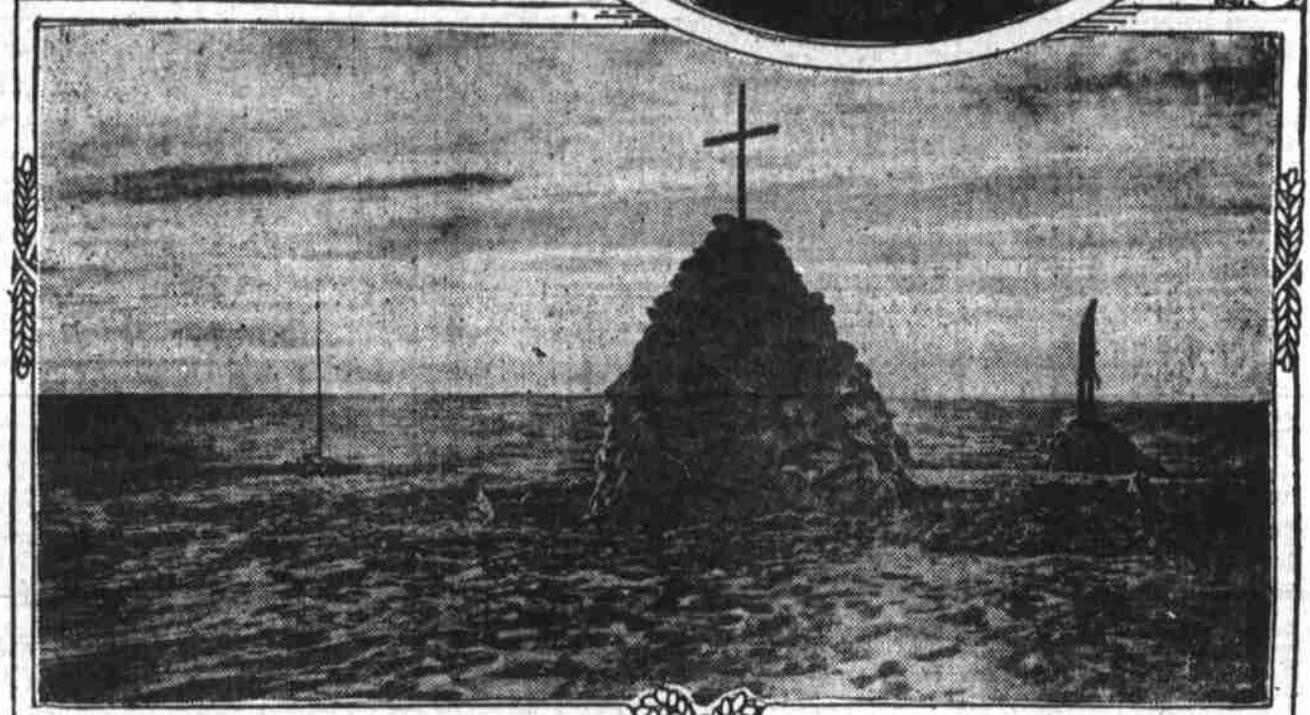
Nineteen-Year-Old Boy Rescued After 30 Mile Trip on Raft Down River.

(Special to The Journal.)
Goldendale, Wash., June 6.—Carried down the swiftly flowing waters of the Columbia river at flood stage for 30 miles on a small crudely constructed raft, trusting to providence to get him out of his perilous position, was the experience of a 19-year-old youth who was picked up by the ferry crew at Grant Ferry, near Maryhill, Wednesday. The lad was on a scow that broke loose from its moorings at McCredie station on the North Bank road and drifted out into the current so quickly that he was unable to get ashore. After drifting down the stream for several miles the scow struck a rock and lunged up, starting to go to pieces, when the youth hastily improvised a small raft and cut loose from the scow. He was unable to attract any aid along the shores that rendered him any assistance till he passed Squally Hook, where a county road crew responded to his calls and made frantic signals for help by telephoning down the river. The youth passed through some bad places on the river during his trip and was on the brink of the dangerous rapids near Biggs when rescued.

PAIR HASTILY REMARRY UPON DISCOVERY THAT THEY WERE DIVORCED

(Special to The Journal.)
Centralla, Wash., June 6.—After living for two years without knowing they were divorced, John and Eva Kerth, foreigners, were remarried in Chehalis yesterday. The couple, wishing property transferred, consulted an attorney, who secured a divorce for them without their knowing what they were doing. The Kerths were grief stricken when they found that they were not married. Two children have been born to them since they were divorced.

LAST PHOTOGRAPH OF SCOTT AND HIS GRAVE



PHOTOS COPYRIGHT 1913 BY INTERNATIONAL NEWS SERVICE
This photograph of Captain Robert F. Scott was taken upon his arrival at the South Pole, January 18, 1912, with his four companions, all of whom died on the return journey. Below is shown grave of Captain Scott, marked by a cairn and cross by the rescuing party that found the bodies.

of produce at the same time if it is to be a financial success.

Organizations Are Needed.
"If we are to diversify to any extent, however, there is one factor which must emphasize very strongly, and that is the need of organization. Diversification without organization will never amount to very much. The man who is selling little dabs of a wide variety of produce is at the mercy of the buyer and has practically to take what he can get, but if hundreds of these men join together they can ship out carloads and trainloads and thus overcome the handicap that they otherwise work under."

"Corvallis and Eugene are very fortunate in that they are organizing strong fruit growers' associations, and are establishing canneries to handle the produce that is being grown. These canneries will mean much to the Willamette valley. From time to time we hear people say that we 'need more manufacturing plants in this country'; that 'it will never come into its own until we can build up factories.' It seems to me that in the canneries, the creameries, and the lumber by-products are contained our real strength, and if we are wise we will build up such industries rather than sit down and wait for the manufacturers of textiles, leather goods, pianos and iron goods to settle in our midst."

"Our co-operative canneries will bring thousands of dollars into our communities and will employ a large corps of people. In order to increase the consumption and production of fruits in this valley there are several factors that we must keep in mind. First, we need to study a little better our local markets. We are loading down our local markets with too much inferior produce. Apples, pears and vegetables that are only fit for hogs are too often offered for sale. We should strive to encourage our local growers and fruit dealers in this valley to handle a higher grade of produce."

Not that the price need to be raised materially, for much of the produce that we are selling, but that we should eliminate this undesirable produce, since it works against consumption rather than increases the consumption of fruit.

Poor Prunes Hurt Trade.
"We need to improve very much the conditions of prune growing in this valley. There is a great work of organization among the people who are engaged in prune growing, and we need to try and unify our methods of producing, evaporating and processing. We must establish standards for the prune and we must take steps to keep people from shipping out of this state large quantities of prunes that will injure the state. There is no question but what large quantities of prunes have gone out of the state which were practically uneatable, and which are now coming back to plague us. In the Italian prune the state of Oregon has one of its finest assets."

"The loganberry is coming to the front very rapidly. We have a great work to do with this berry. If handled properly I have no doubt that the field is almost unlimited for this fruit. It can be canned, evaporated, made into juices, and makes splendid jellies. It is a new fruit, so to speak, of great merit. But unless we are careful there is bound to be an over-supply of loganberries. At the present time most of the fruit is being sold in Chicago and Minneapolis. We should reach out for new markets; we should see that all the cities west of the Mississippi river are first supplied with this berry, and then begin to extend our markets to the Atlantic seaboard and to Europe."

"I am fearful that many of the berries that are being evaporated in this state are going to hurt the loganberry market. Many of the berries are not graded properly, they scorch and burn during drying, some of them are too green, and the product is often very unpalatable. If we supply the market with such a product for a few years we will be sure to have a condition which will be very similar to the early prune situation. However, by organizing and working together we should build up an industry with the loganberry that will mean ten million dollars yearly to the state of Oregon."

Best Berry Section.
"In the production of berries there are very few regions in the world that can equal the Pacific coast. On our warm sandy and silt loams raspberries yield very heavily. The loganberry is at its best on this soil, but all our well-drained clay loams will produce blackberries, loganberries, gooseberries and currants very satisfactorily. The little region of Puyallup, Wash., is reported to be shipping about 650 carloads of produce annually, mostly berries. A recent newspaper clipping reads that that region is to ship out this year 500 barrels of red raspberries, packed in sugar. There is seemingly a great future for western berries. Apples in the Willamette Valley have been largely grown as a side line, and as a diversified crop, and in many years they have not proved very satisfactory. This is due in many cases to a lack of proper methods of culture and to the

choice of the wrong varieties. The whole valley needs to get together and consider the question of the right varieties and of improved methods of handling the soil. Prices of apples this present year were far from satisfactory, but it does not follow that such conditions will continue indefinitely."

"The Willamette valley can produce certain varieties of apples to the finest degree of perfection. There are other varieties that the growers should leave absolutely alone."

WRECK AT LAKEVIEW BLAMED ON N. P. TRACK

(Special to The Journal.)
Olympia, Wash., June 6.—Responsibility for the fatal wreck of an O.-W. R. & N. train on the Northern Pacific tracks near Lakeview, May 12, has been placed upon the Northern Pacific by findings made today by the state public service commission. Section Foreman C. M. Autrin is charged with not maintaining safe track conditions in removing too many spikes from ties and the commission says had a slow flag been given, as it should have been, the wreck probably would not have happened. Four were killed in this wreck.

New Creamery for Polk.
(Special to The Journal.)
Rickreath, Or., June 6.—The business men of this city and the farmers of the surrounding country met in the city hall of this place a short time ago and formed a commercial club to serve as a protection to this city in a business way. A full set of officers was elected to serve for the coming year, and plans were made to cooperate with the farmers in the proper marketing of the products and to see that this section of Polk county gets its share of the new settlers from the east. The Commercial club has proved to be a big factor in the raising of money to build a new creamery here and over half of the required \$4000 has been secured. New concerns are promised since the boosting of the newly organized club.

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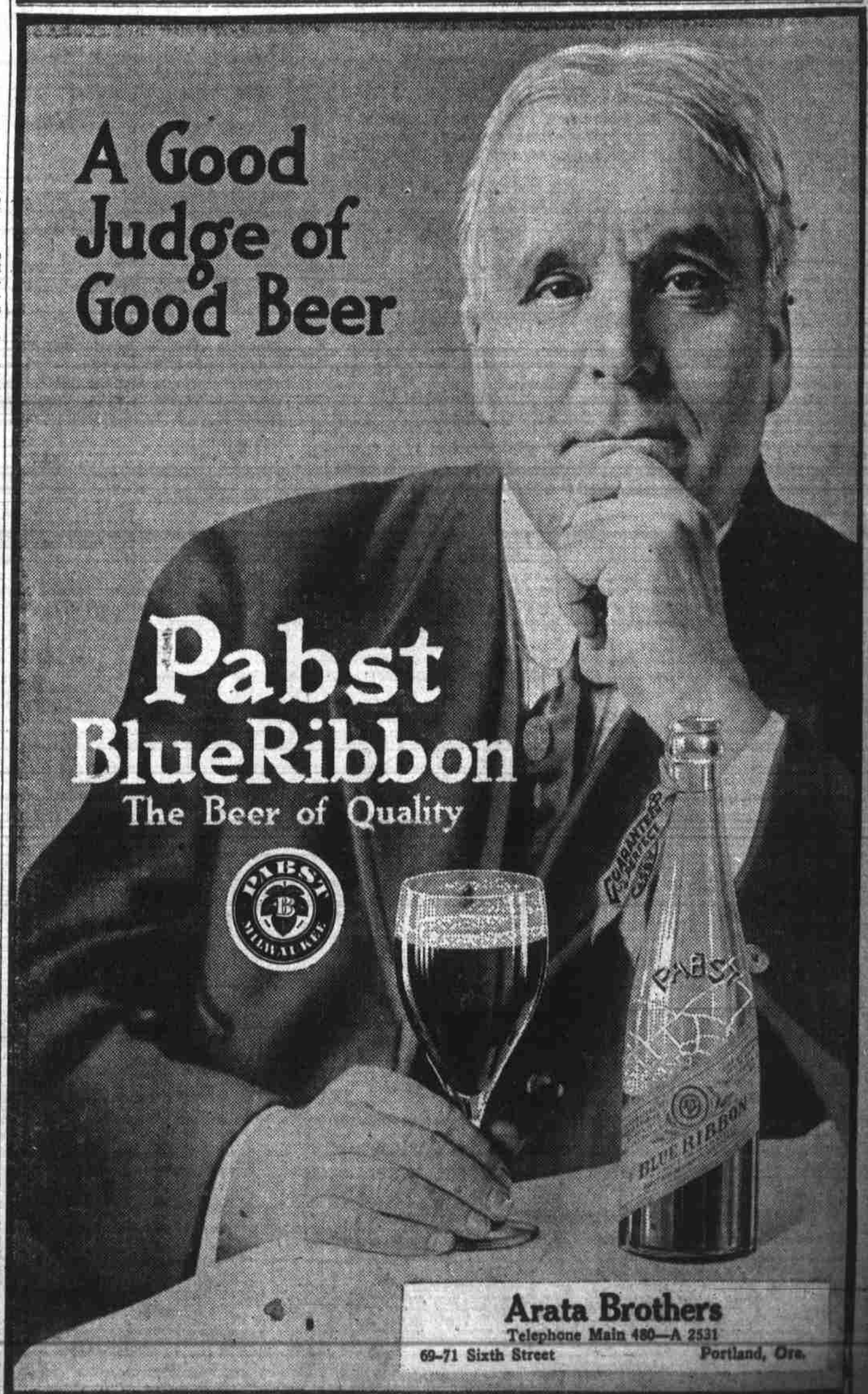
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