

What a Lot of Time We Waste in Wondering About Things That are None of Our Business.

HONEST WITH YOUR HOME PAPER

Independence Enterprise

BE HONEST WITH YOUR HOME PAPER



ESTABLISHED 34 YEARS. W. J. CLARK, Proprietor. INDEPENDENCE, OREGON. SECOND LARGEST CIRCULATION IN POLK COUNTY. No. 3.

The Future of Independence is Most Encouraging

Conditions confronting this Locality at Present Will Adjust Themselves Within Next Few Months. Sugar Beet Growing Will Be a More Staple Crop and Money Will be More Plentiful, Which Means a Greater, Bigger and More Prosperous Community--- Take This in Your Hat and See if This Papers Prediction Does'nt Come True--- Next Spring There Will be a General Influx of Settlers to This City. A Sugar Factory Will be Built Here and the Valley & Selitz Railroad Will Open Up a Rich and New Territory Adjacent to Here That is Bound to Stimulate Business. Cheer Up-- Look Ahead and Wear a Broad Smile.

GROWING SUGAR BEETS FOR PROFIT

Ground Should Be Prepared in Fall and Soil Plowed at Least From Six to Eight Inches Deep--Preparation of Soil Has Much to do With Increased Tonnage

By J. C. Wheeler, PLOWING.

The seed bed should be deep and the sugar beet is a deep planting plant. In harvesting the crop often get beets that are much larger than the depth of an eight inch plowing and then we find that the lower end is broken off and the root is still in the ground. The alfalfa bed or root system is deep and not usually mellow, while in the ground the root system is shallow but not deep, and in the case of raw or virgin soil, it is very mellow and while it may be the available plant foods usually occupy only a shallow surface area. Most men who write or talk about plowing will tell us that we should have a deep seed bed which means deep plowing, yet they will tell us also that if we plow more than an inch or two below the previous plow we will turn up soil that may be rich but having never been handled before it is not air slacked and can not be depended upon to germinate the seed.

To the beginner this means a serious problem; his ground has never been plowed more than four or five inches, and to get an eight or ten inch seed bed means three or four years. Here, however, is where the beginner is going to take his first plunge in the art of good farming. We will prepare the ground the season before we plant the beets, and the process will apply in the case of alfalfa or grain stubble or raw or virgin soil; at the time when the second crop of hay to cut, and the grain is cut and after a small volunteer crop has made a green start, we will disc or spring-tooth the stubble both ways, this also applies to the hay, the grain, and the virgin soils. This process not only mixes the vegetable mould with the top soil but mellows the surface to such a marked degree, that it not only makes it easier to plow, but it gives up a better joining of the furrow slice with the plow sole.

This ground should then be plowed five or six inches deep regardless of the depth of the previous plowings, and follow at once with a very light fine tooth harrowing, this fines up the lumps and fills interstices between the furrow slices and seals up the soil with a fine mulch that brings the moisture up from below and the real work of nature's laboratory begins. Countless numbers of bacteria and soil organisms are permitted and enabled to break down and humify the vegetable matter into the various elements necessary to feed future crops.

This should be left for ten days or two weeks if the season will permit that much time to get the balance of the process completed before the ground freezes, then disc or spring-tooth both ways and plow ten inches deep, following with a fine harrow and then plow as soon as you like with a plowing about five inches

deep and leave rough until spring. By this process we have the deep seed bed, the deep soil has been brought to the surface for a short time to air slack and the third plowing has returned the former soil back to the surface after being much improved by its sojourn underground.

The second or deep plowing as well as the third plowing will not have to be repeated for several years on this piece of ground as one plowing per year can be varied in depth from year to year and will suffice until it becomes necessary to go deeper, when it can be done an inch or two at a time. The third plowing prepares the soil in such a manner that very little work is necessary in the spring; a light harrowing, a float followed by a light harrow just before the drill, gives the seed bed that is about perfect.

The second and third plowing and the discing or spring tooting preceding them may be considered by some as extra work that will cost maybe six dollars per acre if we had to have it done by outside help, but I believe the results will justify the expense. The discing or spring tooth harrowing performs at least two especially important functions.

First, it furnishes the surface to such a degree that when plowed under the joining of the furrow slice with the plow sole is perfect, we know that capillary moisture will not pass up from below to the surface soil if lumpy earth or coarse manure is deposited next to the plow sole no matter how fine the surface is mulched. We also know that plant roots cannot get food from hard clods nor open spaces.

Second, it does the mixing of the vegetable mould with the earth as no other process can do it. Large sections of vegetation are not available as plant food until reduced and mingled with the soil. We have been told that most plants, and especially legumes, possess the ability to fix nitrogen from the air to the soil. This is true only so far as the roots that are dead and decayed and mixed with the soil. Hundreds of exhaustive tests have shown that the soil that lay between the plant crowns of alfalfa (the bare spaces) contains no more per cent of nitrogen than that of the virgin or sage brush soil across the fence. This applies equally to the fields of two or three years in alfalfa and those of twenty or thirty years old. The percentage of nitrogen in the roots either alive or dead is very high, but while alive the roots supply it to the growing plant only and has not the power to impart it to the soil. When power to produce leaves and foliage, or able to produce leaves and foliage, the roots die and still the humus and nitrogen is retained in the cross-section of the dead root until mixed with the soil. This mixing is our job and if done frequently while the vegetation is in progress, the battery of four

vegetation disappears as such; the soil is changed in color, its texture is greatly improved and its productivity is greatly increased. In view of these facts, what can we think of the man who burns the straw and stubble and plows his alfalfa four inches deep, rakes up the roots, and crows and very carefully removes them from the fields and burns them and still calls himself a farmer.

Two or three tons of sugar beets per acre for the two or more years each following, this extra work on an added yield resulting therefrom is a very low estimate and would pay 100 per cent or more on the cost of the work. These are the profits on the business, and the only profits, and this is the only way the profits can be made.

THE IMPORTANT NEEDS FOR A LARGE STANDING ARMY

Letter From General Leonard Wood on Military Preparedness --It Shows the Value and Need of Giving Growing Generation Discipline and Training,

"We do not want to establish militarism in this country in the sense of creating a privileged military class, dominating the civil element, receiving especial recognition, and exercising perhaps an undue influence upon the administration of national affairs, but we do want to build up in every boy a realization of the fact that he is an integral part of the nation, and that he has a military as well as a civic responsibility. All this can be done without creating a spirit of militarism or of aggressiveness. Take Switzerland as an example. Here we have a country where every boy and young man who is physically sound receives, largely as a part of his school work, military training to the extent necessary to make him an efficient officer. This is a policy which ought to be followed with our youth. It is not enough that a man should be willing to be a soldier. He should also be so prepared as to be an efficient one. This can only be accomplished through training. Switzerland and Australia have shown that this can be done through the public-school system, and with a resulting vast improvement in public morals and the quality of citizenship. The criminal rate in Switzerland is only a small fraction of ours. Respect for the law and con-

stituted authorities, the flag of the country, and a high sense of patriotism are evident on all sides, and yet there is practically no standing army. "We have here a patriotic people, living not with arms in their hands, or with a large standing army, but trained, equipped, and ready to efficiently and promptly defend the rights of their country. This I believe is the ideal we should strive for. We need a standing army big enough for the peace work of the day, i. e., the garrisoning of our foreign possessions, the Philippines, the Hawaiian Islands, Panama, the little garrison in Porto Rico and Alaska, and a force in the continental United States adequate for the peace needs of the nation. "We must never again trust ourselves to the emergencies of a great war without proper preparation if we do we shall meet with an overwhelming disaster. Preparedness is really an insurance for peace, and not an influence for war. "To send our men untrained into war to meet equally good men, well trained and disciplined, was once described by Light Horse Harry Lee, of Revolutionary fame, as murder. Perhaps this is too strong, but it certainly is a gross disregard of human life."

Sacrifice SALE

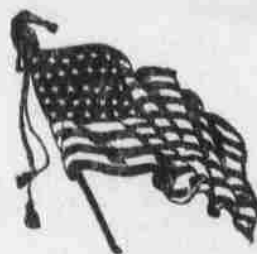
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MEMORIAL DAY PROGRAM.



The W. R. C. and G. A. R. will observe Memorial day by the following exercises at the Public School grounds beginning at 9:30 a. m. Selection by High School Glee Club. Reading by Miss Myers. Solo by Laura Baker. Address, "Real Patriotism" Rev. W. S. Stewart.

to the river, where they will give the ritualistic services for the sailor dead. They will be assisted by the Sons of Veterans, Honor Guard and the School children, who have some part in these services. Anyone who is the son of a veteran is requested to march without a personal invitation. Show your patriotism by attending these Memorial services.

All the business houses will be closed during the hours of the exercises.

Fresh Vegetables always in stock. Our Dairy Products are Direct from the Farm. Calbreath & Jones. phone Farm 1121. 2-4t

Lets celebrate the 4th. The steamers... The rate of the crew were not... The cause of the wreck... He had not time to stop to see what damage, if any, the explosion may have been the

SHOES



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