

MEDFORD MAIL TRIBUNE

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MEDFORD, OREGON. Metropolis of Southern Oregon and Northern California, and the fastest-growing city in Oregon. Population—12,800 census 1910—22,640; estimated, 1911—10,000.

JOLTS AND JINGLES

By Ad Brown. Just a Workout. The convicts played a baseball game. While smiles enveloped their faces: They players should go down to fame For each stole fourteen bases.

They murdered, too, those wicked men. But no one cared at all. The sheriff just applauded when They up and killed the ball.

The umpire had hysterics. Doctors couldn't still him; For on a close decision the Convicts shouted "kill him."

There is no stopping the feminist movement. We read of a St. Louis rooster who sat on the family eggs and hatched them out.

At Tiffin, Ohio, the city board of relief furnished candy, tobacco, raisins, oysters and pickles to the poor. They must have been pulling down graft from the physicians.

Pity the poor steel trust. We have 'em on the hip; The country's donation this year Is just one battleship.

The pretty girl was at the market again this morning.

JOHNSON'S ITINERARY FOR EASTERN TRIP

NEW YORK, Aug. 21.—Arrangements for the projected eastern trip of Governor Hiram Johnson of California, progressive nominee for vice president, in the interest of the new party, were completed today at progressive national headquarters here.

Salt Lake City, August 28; Denver, August 31; Topeka, Kansas, September 3; morning, Lincoln, September 3; evening, Cleveland, September 5; Watertown, N. Y., September 6.

Governor Johnson also will speak at the Ohio and New York state progressive conventions.

JAP ARMY INCREASED BY TWO DIVISIONS

TOKIO, Aug. 21.—The Japanese army in Korea is to be increased by two divisions, according to announcement made here today by the Japanese military authorities. About \$13,000,000 is to be appropriated for this purpose.

TO MAKE BUSTS OF PURE BLOODED INDIANS

WASHINGTON, Aug. 21.—Because the pure blooded American Indian is rapidly becoming extinct, the National Museum here is preparing today to make busts and busts of members of the different remaining tribes.

PARCELS POST RATES

THE most active opponents of parcels post have been the express companies. In themselves the express companies could do little in opposing public opinion although they have always had a strong lobby at Washington, owned certain representatives and senators right, and had the benefit of the railroad, trust and corporation influence to maintain their graft.

Extension of the various jobbers and retailers associations has fostered a bitter animosity to the parcels post upon the idea that providing a cheap system of delivery would tend to enormously increase business of the big city merchant and the mail order houses. It was the doleful prediction that the parcels post would wipe out the small town merchant and destroy the small town.

Parcels post rates are usually governed by mileage and they should increase the business of the small town merchant to a greater extent than that of the city merchant, for it will enable the retailer to deliver at reasonable rates anywhere in the country, while his distant opponent must pay several times the amount for delivering that he does.

The following table shows the present postage charge on five pounds of fourth class matter, the rate that will be charged under the provisions of the Bourne parcel post bill, the reduction in cents and the per cent of reduction as compared with present rates:

Table with 5 columns: Distance, 5 pounds present rate, 5 pounds Parcel Post rate, Reduction, Per cent of reduction. Rows include Rural route and city delivery, 50 mile zone, 150 mile zone, 300 mile zone, 600 mile zone, 1000 mile zone, 1400 mile zone, 1800 mile zone, Over 1800 miles.

The average haul of fourth class matter is now 678 miles, with the flat rate favoring the long haul. Under the proposed zone rates the average haul will be much less than 600 miles. It is therefore apparent that the pending parcel post measure proposes a reduction of 54 per cent under the present average distance and 60 per cent under the average haul under the new rates.

The bill will not only directly benefit the consumer, but the retailer as well, and the dread of a parcels post prove unwarranted.

Rogue River Has Finest Fly Fishing in the United States

(Walter F. Backus, in the Portland Oregonian.)

We have some good average fishing near Portland. Anyone with a fair knowledge of the country can get trout fishing within thirty miles of the city. In the spring months we have salmon fishing that is considered mighty good sport. But if you want to know what real fishing is, you must go to southern Oregon and tackle an eight-pound steelhead trout in the Rogue river. It will make you forget any other fishing you ever had, and if you are lucky enough to get several days of this royal sport, it will spoil you for any other kind of angling. At least that's what it did for me.

Everything is on a big scale. You have to wade to the very limit, cast every foot of line you can possibly get out, and then handle five or ten pounds of the gamest trout flesh that ever broke a man's tackle. There's nothing easy about this steelhead fly fishing. It's hard work every minute of it, but for the man who enjoys fighting a big fish on a fly rod, it's worth all the energy it costs.

Steelhead Trout Fishing Unique. In the first place the fishing is quite different from ordinary trout fly fishing. The steelheads are found in a different sort of water, and take the fly in a manner quite unlike the rainbow or cutthroat trout.

You may be a successful fly fisherman on the average mountain stream, and then fish the Rogue for a week without hooking a single steelhead. The experienced Rogue fisherman will walk along the stream completely ignoring the places that look promising to the amateur and pick out spot after spot where the steelheads are sure to be hiding. You don't find them in ordinary gravel bottom riffles, nor in deep, swirling eddies, but wherever there is a solid bedrock bottom with cracks and grooves scattered through it, and six or eight feet of water running over it at a moderate pace, then look out for trouble. Cast your fly straight across the current and let it swing quietly around until it straightens out below you. Don't try to skip it along the surface or give it any motion whatever. Just let it sail quietly along, until it suddenly disappears, and you feel tug that makes your blood tingle clear down to your toes.

Afternoon's Sport Is Great. I had a grand afternoon's sport on the Rogue about ten miles above Medford. At this point there was an unusually strong and heavy rapid, and just above this fast water was the finest lot of bedrock I have ever seen. The channel here was probably a hundred feet across, with an average depth of perhaps eight feet. There was quite a swirl to the water, but I could dimly see series of crevices in the bedrock that looked very good indeed. So I put on a No. 4 Grizzly King, and sent it floating over the pool. No response at first, so I gradually lengthened the line until 40 feet was flying through the air. Then the fly settled a little farther out, drifted a yard or two when bang!—and my rod bent double and my reel began fairly to scream.

BARRY NEW WORLD'S CHAMPION SCULLER.



Richard Arnst, of Australia, long the champion sculler of the world, lost the title to Ernest Barry, an Englishman, in a race over the Thames course.

Cover Crops for Orchards

By Prof. F. J. O'Gara (Continued from Monday.)

Rye a Poor Cover Crop. It is well known that one of the poorest cover crops is rye, and yet we find those who persist in advising our orchardists to use it. Under our conditions where irrigation is not generally practiced it is liable to have a very drying effect upon the soil. It adds little plant food and must be watched very closely in the spring or it will rob the trees of moisture and become too straggly to serve the purpose of a green manure. It has been used to some extent in the past, but always to the detriment of the orchard. Unless irrigation can be practiced, rye should not be used. Although rye has the advantage of germinating with a minimum amount of moisture and growing on land that is almost too hard to grow any other crop, it is, nevertheless, unsafe to use in this district. In combination with vetch, it usually so much exceeds the vetch in growth that very little benefit is derived from the vetch before it becomes necessary to plow it under in the spring. If left until the vetch is in condition to turn under, it is so straggly that it does not rot easily and will tend to dry the ground to a harmful degree. With a rye crop turned under, it is almost impossible to secure a protective mulch during the summer. Those who have water may use rye instead of oats, but there is no doubt that oats and vetch make the best combination for our purpose.

Canada Field Peas as a Cover Crop.

Undoubtedly one of the best cover crops is Canada field peas. While it is quite possible that this crop may be grown as a winter crop, it has only been tried out by sowing it in spring. An experimental crop, which proved to be very successful, was grown by Dr. George B. Dean, this season. The peas were drilled at the rate of 100 pounds per acre on March 4th, and came up on March 23rd. The larger part of the seed was inoculated with a bacterial culture, previous to drilling, and the plants from the inoculated seed grew to a height of 6 feet, while those not inoculated reached a height of only 20 inches. The inoculated plants produced an average of 10 filled pods of approximately 50 seeds per plant, while the check plants produced but 6 pods with a total of only 10 seeds. The inoculated vines were dark green and sturdy, while the check plants were very pale and generally weak. This crop was not turned under, but was harvested for seed which will be used in producing a fall cover crop.

Field peas germinate quickly and produce a large amount of green material before the winter season, so that should they not persist during the winter, a large amount of humus would, nevertheless, be added to the soil. The peas leave the subsoil in much better condition than other crops and also serve the valuable purpose of gathering nitrogen and adding humus. The vines are in no way straggly, and, therefore, do not interfere with moisture retention to any marked degree.

Seed Inoculation.

It is interesting to note that even ancient agriculture the fact that crops of the legume or pea family when plowed under enrich the soil. Columella, a Latin writer who lived at Rome in the 1st century A. D., in his most interesting treatise on agriculture, De Re Rustica, points out that alfalfa, lupines, vetches, beans, etc., improve the land and act as manure. He is also our authority that it was the practice of Roman farmers to plow under lupines in order to enrich the soil. In the centuries following the decline of the Roman Empire, the use of leguminous plants for the improvement of the soil persisted to some extent throughout most of European countries. The practice was not followed consistently, however, and the fertility of European soils began to decline. The general introduction of clover into Germany and England in the 18th century helped to restore the fertility of the lands, and lead to a general recognition of the important place held by leguminous plants in the maintenance of soil fertility. Just why legumes have the power of enriching the soil was not discovered fully until 1888 when German investigators demonstrated that such plants add nitrogen to the soil through the aid of bacteria in the root tubercles. Since that time, the important matter of cultivating the bacteria artificially and distributing them for the purpose of seed inoculation has been made practical largely through the efforts of the U. S. Department of Agriculture. The present methods of seed inoculation were introduced by the Department of Agriculture only ten years ago, and have proven very successful and of great value to the farmer.

Where vetches, Canada Field peas or other leguminous plants are used to cover a crop, especially where such plants have never been grown, the seed should be inoculated with a pure culture of root nodule-forming bacteria (Bacterium radiclecola). While cultures of the proper bacteria may be secured from certain commercial concerns, farmers may secure a certain amount of the material from the U. S. Department of Agriculture, Washington, D. C., for experimental purposes. In writing to the Department, one should state the amount (weight) and kind of leguminous seed it is desired to inoculate. Bacterial cultures are for legumes only. A culture will be sent free to those who will, in turn, give the Department the results of the test. Those who wish to sow cover crops this season should make application at once, so that there will be no delay in seeding. It usually requires a little time to prepare fresh cultures. When cultures are purchased from firms dealing in them, one should be sure that these cultures are not old. As a rule, to get results, the bacterial culture should be used within thirty days after it has been prepared. The container should be plainly marked, stating the latest date when the culture may be used.

When to Plow Under a Cover Crop.

The time to plow under a cover crop depends largely upon the season. It has been the practice to do this some time during the latter part of March or the first week in April. In no case should the ground be plowed when it is too wet, nor should one wait until the cover crop has had a drying effect which would tend to have a serious effect upon trees bearing a crop. Of course, with irrigation at hand, the time for turning under the crop may be governed at will. Very often with a very heavy crop, the ordinary plow will not turn it under, and in this case a disc run over it so as to break it down will help, a heavy chain attached to the beam of the plow will then hold the heavy growth down until the sod is turned over it. The plowing should be at least six inches deep, and should be followed by any tool which will tend to pack the rod down slightly without tearing up and exposing the turned under cover crop.

(To be continued.)

A Lady's Laugh



is cheering and contagious, especially when she has a fine set of teeth. They are a distinct adornment to any face—and enhance the beauty of a pretty one. The reverse is, unfortunately, true when the teeth are not white and perfectly even, if there is anything the matter with your teeth come to us, and we will make them attractive.

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Have You Seen the

VEST POCKET KODAK and the PRIMOETTE JR.?

MEDFORD BOOK STORE

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