

WADCO COFFEE

"It's certainly good."

In 2, 3 and 5 pound tins.

Sam Hughes Company

Distributors,
HEPPNER OREGON

WIRELESS TELEPHONE TRANSMITTER



This is the transmitter of the wireless telephone that has been put in successful operation between the land and planes a great distance away. It is worn by the man in the plane.

Charles F. Savage of Portland, was calling on the various doctors of Heppner last Thursday. Mr. Savage sells X-ray outfits and was demonstrating them here.

From the number of love affairs that some Heppner boys have at one time you would think that Cupid had used a Browning machine gun instead of an arrow.

NOTICE TO CREDITORS

Notice is hereby given that the undersigned has been duly appointed by the County Court of the State of Oregon for Morrow County, administratrix of the estate of O. E. Farnsworth, deceased, and has duly qualified as such administratrix. All persons having claims against the said estate are hereby required to present the same, with the proper vouchers as required by law, to said administratrix at the office of Jos. J. Nys, at Heppner, Oregon, within six months from the date of this notice.

Dated at Heppner, Oregon, this 27th day of May, 1919.
C. M. FARNSWORTH,
Administratrix of the Estate of O. E. Farnsworth, deceased.

BLACK LEG

LOSSES SURELY PREVENTED
by CUTLER'S BLACKLEG PILLS

Write for booklet and testimonials. 12-dose pkg. Blackleg Pills, \$1.00. 65-dose pkg. Blackleg Pills, \$4.00. The only doctor, but Cutler's simplest and strongest. The majority of Cutler products do not require years of specializing in a certain and narrow field. Contact our CUTLER'S. It is available, order direct.
The Cutler Laboratory, Berkeley, California

Do You Equip to Win Success?

Here is your opportunity to insure against embarrassing errors in spelling, pronunciation and poor choice of words. Know the meaning of puzzling new terms. Increase your efficiency. Each results in power and success.

WEBSTER'S NEW INTERNATIONAL

DICTIONARY is an all-knowing teacher, a universal question answerer, made to meet your needs. It is in daily use by hundreds of thousands of successful men and women in the world over. 400,000 Words, 2700 Pages, 6500 Illustrations, 12,000 Etymological Entries, 20,000 Geographical Subjects. GRAD FIVE (11th Best Award) PATENTED IN 12 COUNTRIES. REGULAR and INDEA-PAPER Editions. WRITE for Booklet, Pages, FREE. Please Stamp a name on this paper. G. & C. WELLS CO., Springfield, Mass., U. S. A.

HOME TOWN HELPS

PLANT MORE CHERRY TREES

Good Reasons for Urging Increased Cultivation of Useful and Pretty Bearers of Fruit.

Although in at least two states, Pennsylvania and Ohio, there are more than 1,000,000 cherry trees and nearly as many in several other states, the commercial interests are relatively small compared with several other fruits in which the number of trees is considerably less.

In the south the summers are too long and hot, as a rule, for cherries to do well, and they do their best at the higher altitudes.

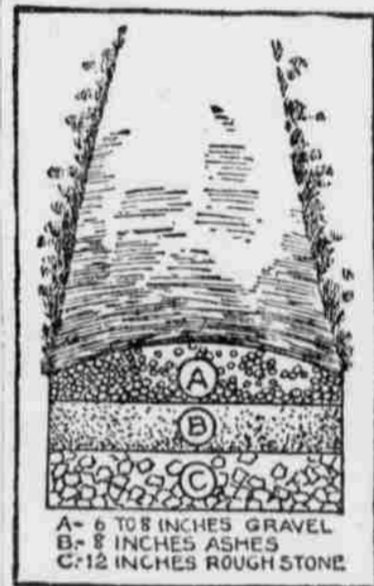
In their endurance of low temperatures sour cherries compare favorably with apples. Sweet cherries are less hardy than sour sorts. Their endurance of cold corresponds more nearly to that of the peach.

Cherries are sensitive to a poorly drained soil. Clay soils, extremely retentive of moisture, give the poorest results, and the lighter, better drained soils the best. Soils that dry out excessively are also unsatisfactory. Moderately productive soils give better results than those which represent either extreme in fertility. Cherries blossom comparatively early, the sweet sorts earlier in most cases than the sour varieties; therefore sites that are subject to spring frosts during the usual blossoming period should be avoided.

MAKES GOOD GRAVEL WALK

Directions for Building Pathway That Will Last for Years and Always Be Dry.

To make a good gravel walk first dig a deep trench the full width of the walk. Fill up the first, or bottom, 12 inches of the trench, with stones, in-



cluding those found in digging it. On this have a layer of ashes 8 to 12 inches deep when well rolled. Finish off with about 6 inches of gravel, shaped so as to give a rounded surface, highest in the center.

This will soon pack down into a hard surface that will always be dry.

Many Factors in Tree Planting.

In places the trees along the roadside form screens so as to break up the long stretches of views and allow openings here and there which frame and make more attractive the roadside scenery. Again, certain varieties of trees are more suitable for highway planting than others, according to the use to which they will be put. The factor of planting for the protection afforded the pavement through shade during the hot summer months, thereby adding many years to its life, and the assistance given by the proper planting of shrubs and trees in keeping the drifting snow from the roadside during the winter season should be likewise considered.

Business and Residential Streets.

Keeping business off residential streets means keeping it on business streets. Haphazard development hurts business property as much as it does residence property. The sporadic store invading quiet home streets not only demoralizes residential values; in decentralizing the shopping district it also disintegrates business values. Viewed in every way the experience of New York has clearly demonstrated that no large city can afford to do without zoning.—American Architect.

Character and Careers.

Some one has said that character is greater than any career, and nothing that you will ever accomplish compares in importance to the making of yourself. To be noble, pure and strong, with courage for every misfortune, a helping hand for whoever needs it, and kindness for all, is worth more than to write one's name high in the list of those the world counts great.—Girl's Companion.

The Way to Save Time.

The only way to save time is to use it. We can put our money into the savings bank to be kept for us till we are ready to use, but there is no such thing as putting by our leisure moments till we need them. If you would save time, use it, for you cannot hoard it.—Girl's Companion.

ROAD BUILDING

ROAD DRAGGING IS FAVORED

Four Good Points on Simple and Least Expensive Contrivance for Maintenance.

(Prepared by the United States Department of Agriculture.)

First, the road drag is the simplest and least expensive contrivance yet devised for maintaining roads constructed of earth or earthy material. Second, the successful operation of a road drag depends to a very great extent on the skill and intelligence of the operator. Third, the time to use the drag is when the material composing the road surface is sufficiently moist to



Keeping Road in Good Condition.

compact readily under traffic after it has been moved by the drag and does not contain sufficient moisture for the traffic following the drag to produce mud. Fourth, dragging cannot usually be so arranged as to keep teams employed all the time, and it is therefore desirable to have it done by interested persons who can find employment for themselves and teams when they are not engaged in dragging.

TELLS GOOD ROADS' NEEDS

Farm and Fireside Explains Best Plan for Oval Surface—Should Be Flat as Possible.

"Everybody agrees that the surface of a road must be oval in its contour," says Farm and Fireside, "but not all understand that this oval ought to be as flat as the character of the road material and the lay of the land will permit. With brick or concrete construction the oval may be very flat, because the traffic makes no ruts to carry the water lengthwise of the road, nor does the pavement soften and develop depressions when kept in contact with water.

"But broken stone (water-bound macadam), being susceptible to penetration by water, and subject to great damage if frozen while soaked, must be given a higher oval; and for gravel roads a still steeper pitch is demanded.

"As for earth roads, the steepness must be governed by the combined influence of a number of factors. Perhaps the leading factor is the quality of the earth in each particular case. And next might be placed the presence or absence of 'seeps' or 'spouts'; while another of these vital factors would be the longitudinal pitch of the highway."

PATCHING OFTEN NEGLECTED

Two Ruts Caused to Form Where There Was but One Before—Work When Road is Wet.

Patching is usually neglected or done in such a way as to cause two ruts to form where there was but one before. That is the invariable result of filling a rut too full. This work should always be done when the road is wet, preferably when the water is still standing in every little hollow on the road surface, so that the workmen can just see where to place the new gravel and about how much is needed. Unless the rut is a very large one, it is always best to shovel the gravel from the wagon into it, rather than to raise a sideboard and attempt to dump a part of the load.

BETTER WAGON ROADS URGED

Farmers Cannot Take Hold of Problem Any Too Quickly—Cost of Hauling is Too Big.

Better wagon roads are a problem which farmers cannot take hold of any too quickly. It now costs the average farmer 23 cents per ton mile to haul freight over wagon roads, while the railroads receive on an average of only 7.25 cents per ton mile for performing the same service.

EFFECT OF CLOVER ON SOIL

Same Necessity for Applying Lime as for Wheat—Dress Land When Sowing Seed.

Clover has a mechanical and nutritive effect upon the soil. The necessity of applying lime for the wheat holds also for the clover. Usually the land is dressed with the lime at the time the clover is sown. Twenty bushels of air-slaked lime or one ton of ground limestone is enough for one acre.

Roosevelt Highway

IT MEANS—Quick Mobilization of guns and men for national protection.

IT MEANS—Commercial and agricultural development of seven Oregon coast counties—Clatsop, Tillamook, Lincoln, Lane, Douglas, Coos and Curry.

IT MEANS—The opening of a year-round paved road from British Columbia to the Mexican border.

IT MEANS—The opening to sportsmen of the countrys fishing and hunting paradise.

IT MEANS—The employment of thousands of skilled mechanics and laboring men in its construction.

IT MEANS—That Uncle Sam will match every state dollar for construction and will maintain the highway for ever.

You owe it to your country—you owe it to your state, to go to the polls at the special state election June 3 and vote 310 XYES.

FOR THE ROOSEVELT HIGHWAY

Oregon's Road to Prosperity

Everything that is good to

EAT

at

PHELPS GROCERY Co