

Experiments By OSC Prove Value In Wheat Feeding

Wheat appears to be a satisfactory substitute or replacement for every feed grain with which comparison was made in a comprehensive series of feeding tests conducted throughout Oregon in the past year by the O.S.C. experiment station.

The results of such feeding tests with beef cattle, sheep, dairy cattle, hogs and horses have just been reported in a new station circular No. 137, entitled "Surplus Wheat Feeding Experiments in Oregon." Copies may be had free.

These comprehensive feeding experiments and demonstrations were made possible by the allotment of 350 tons of surplus wheat by the Federal Surplus Commodities corporation. The wheat was divided among the central and three branch experiment stations for use in a series of experiments which included not only fattening tests, but overwintering and maintenance feeding as well.

In cattle fattening tests in eastern Oregon about 1000 pounds of wheat with 1500 to 1800 pounds of alfalfa hay were required to fatten a steer. Wheat was equal to, or better than, barley or other feed grains in the fattening ration. In tests at the central station, ground wheat was successfully used with chopped oats and vetch hay for fattening baby beefs. Wheat was found to be at least equal, if not better than barley as a supplemental feed for fattening beef calves on ladino clover pasture.

Wintering experiments were carried out at the Squaw Butte experiment station and in the coast range, which revealed the value of wheat as a supplemental feed with low-grade hays. Wheat gave slightly better results than either barley or oats in lamb fattening experiments at the eastern Oregon branch station, and was fed successfully to breeding ewes at the central station. The ewes showed no digestive disturbances and produced a good crop of lambs.

Wheat proved to be an entirely satisfactory substitute for the usual grain in a ration for dairy heifers or milk cows. It was also equal to corn in fattening hogs, and successfully replaced oats when fed to growing colts and draft horses.

BUILDING REPAIRS LIGHT FOR NOVEMBER.

Although new construction which has been underway for several weeks is still going forward, building and repair permits issued at the city hall for the month of November were light. Following permits were issued: Collins Laundry, repairs; H. A. Mason, Willamette court, garage; Mrs. Ellen White, 700 Gibbs avenue, repairs to dwelling; Mrs. John Nokes, 49 3rd street, new roof.

RELIEF BUDGET UPPED.

SALEM, Ore. — Oregon's relief budget for the 1941-43 biennium was announced Friday by State Budget Director David Eccles at \$21,690,452, well above the 1939-40 budget of \$18,894,438.

Eccles figured the state's share of the cost at \$9,250,000, which will be raised from the general fund and liquor profits. Counties will put up \$4,697,479 and the federal government \$7,742,973.

Corona Portables. The Sentinel.

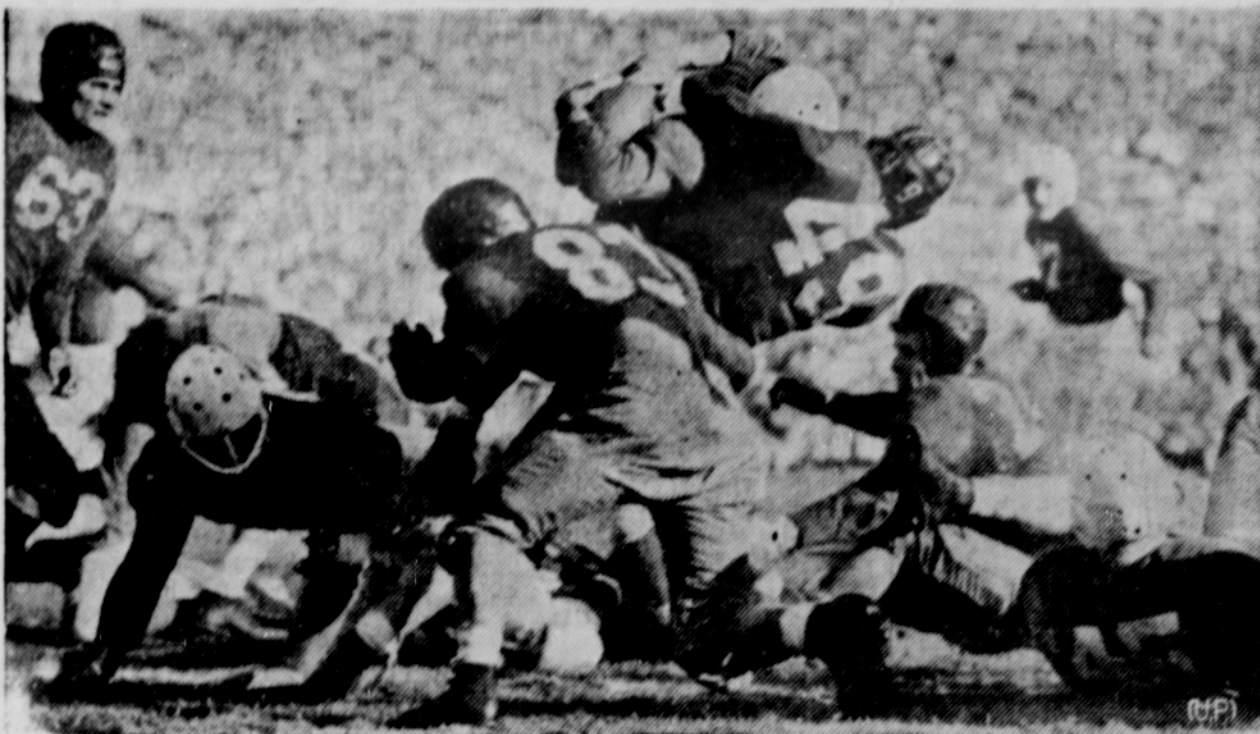


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BRISBANE ELECTRIC

Now for Nebraska's Cornhuskers at Rose Bowl



Nebraska's Cornhuskers will have to watch big Hugh Gallarneau (and at least 10 other men) when they meet Stanford in the Rose Bowl on New Year's Day. In the "Big Game" at Berkeley against California, Gallarneau is shown here scoring the second—and decisive—Stanford touchdown, that brought a 13-7 victory.

Seven Died in This Disaster



Great clouds of smoke roll skyward from this store and warehouse in Tappanish, Wash., in a blast which claimed seven lives and injured 20 other persons. Officials blamed leaking gas mains for disaster.

Basketeers Down Yoncalla 39 to 17

(High School News)

The Cottage Grove Lions literally smothered the Yoncalla Tigers in their first pre-season game by the devastating score of 39-17 at Yoncalla last Friday night.

The Yoncalla cagers put up a game fight but were severely outclassed by the stronger, faster Lions.

Both Cottage Grove's offense and defense clicked beautifully and if pre-season games mean anything, the Lions should develop into a first rate team by the time the season is started. Substitute forward, John Minor, led the Lion attack and built up a personal tally of fourteen points while Jones and Dugan starred on defense. Other Lions who did exceptionally well were Phillips, Clang and Davenport.

Cottage Grove Yoncalla
Clang F Dodd
Langston F Cox
Hocker C Howard
G. Dugan G Beglow
T. Jones G Grasse

Substitutions: Cottage Grove—Phillips, Minor, Davenport, Wicks, Pleuward, Sutter; Yoncalla: Rice, Williams, Palmer, Marsters.

The Lion B-squad downed the Yoncalla B-squad in a fast opener for the A-squad game at Yoncalla last Friday by a score of 32-18.

Cottage Grove Yoncalla
Harpole F Rice
Thies F Williams
Keele C Manters
Jennings G Palmer
Hamilton G Warman

Lunch Came Back

Peter Malm of Malden, Mass., who lost his lunch bag when the handle got caught in the door handle of a passing automobile, has it back now. He caught the license number of the car which spirited away his empty lunch basket and a police checkup found it hanging on the doorknob of William E. Parker's machine in New Bedford, 50 miles away.

Christmas Cards



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NEW METHOD DEVELOPED TO DETERMINE DRUNKENNESS.

Scientific methods for determining the degree of drunkenness by blood analysis moved a step nearer to perfection with the development of a test by Dr. Frank L. Kozelka, University of Wisconsin toxicologist, that is regarded as almost errorless. It is believed this new method may prove valuable in court cases involving, particularly, cases of drunken driving.

Other procedure used to determine the amount of alcohol in the blood stream have, in some cases, been subject to challenge by members of the medical and legal professions because of the presence of substances in the blood stream that interfere with the isolation of ethyl alcohol. The presence of certain substances, such as methenamine, which is used for certain kidney and bladder disorders, may, under the old procedure, give a positive reaction when actually the persons tested might not have even taken one drink.

Doctor Kozelka has utilized his method since 1936, but it was not announced until recently. Exhaustive tests have apparently shown that it is not affected by the presence of methenamine or other foreign substances, and is considered practically errorless.

—Scottish Rite News.

YOUNG REPUBLICANS CONVENTION AT SALEM.

Young republicans from all sections of the state will gather at Salem on Saturday, December 7th to hold their first annual Young

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'32 Ply. Sdn. \$ 85
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Oregon Gas Tax Used for Roads

The entire amount of the \$14,970,000 in special taxes paid by Oregon motorists in 1939 was spent for highway purposes and not a penny was diverted to other uses. Dr. E. B. McDaniel, president of the Oregon State Motor association reported recently.

"According to reports from the A.A.A. national headquarters," Dr. McDaniel said, "a total of \$181,654,000 in special motor tax revenues was diverted by all states to non-highway purposes, a substantial increase over the previous year's diversion of \$157,516,000."

"It is interesting to note that the amount of motor tax money diverted last year was more than double the total cost of constructing the recently opened Pennsylvania Turnpike which is an outstanding example of modern highway engineering. In terms of average highway costs, the money mis-spent would have built approximately 10,000 miles of new highways."

"The practice of diversion is particularly reprehensible at the present time when all available funds are needed for national defense highway building. The fact that our military priority system today is substantially short of requirements can be attributed, at least in part, to expenditure of motor tax money on non-highway purposes."

"Already eight states have adopted constitutional amendments prohibiting diversion for all time. In addition," the motor association president concluded, "such legislation is pending in the legislatures of two more states. The trend is definitely in the direction of compelling the proper use of road funds."

THINGS TO WATCH FOR.

New kind of dictation machine, uses radio "sound-catching" principle.

ciple, makes disc records instead of cylinders, can be used by nervous executive pacing up and down his office, or for catching a whole conference, within 20-foot radius—and requires no ear-phones for playback. . . . The trade-in idea, long important in auto and other businesses, now is being applied in purchases of deluxe bed sheets ("Father, cut your toe-nails, etc.") . . . A new photo album which has transparent pockets that hold and protect the snapshots, making unnecessary the gummed corner stickers. . . . A plastic modeling material for children's gifts (instead of clay).

Dogs Noses Printed

Nose-printing of dogs is as infallible an identification mark as fingerprinting of humans, according to Richard Meaney, executive vice president of the Bide-A-Wee Home, an organization which cares for homeless dogs.

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