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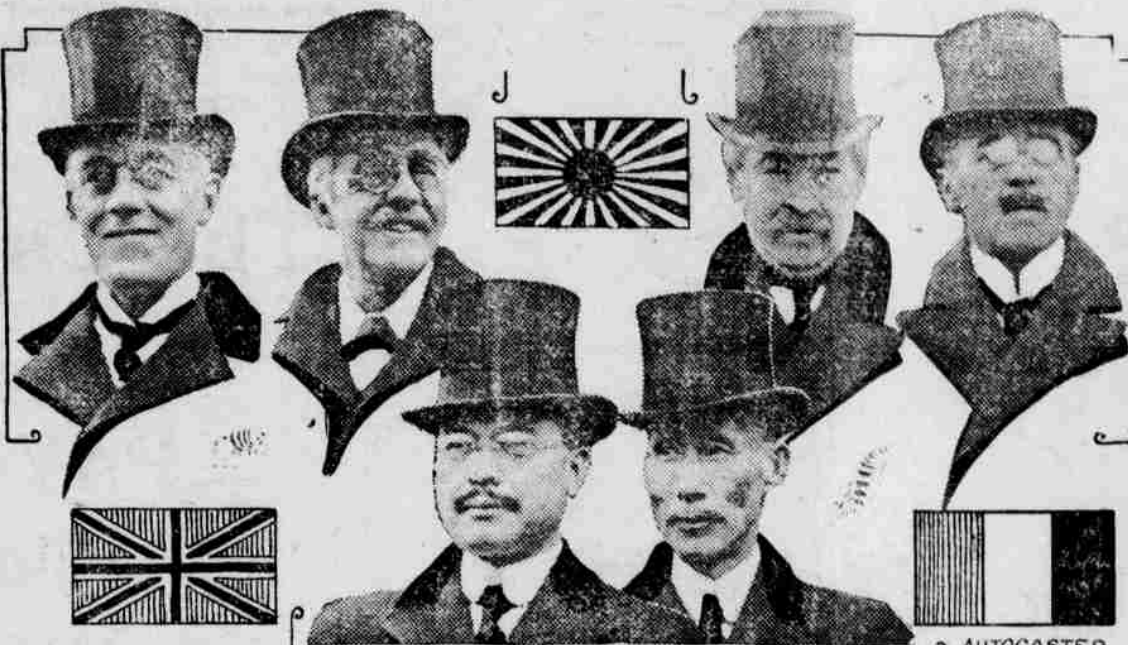
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Special Washington Snapshots of Armament Conferees



Here are photographs taken in the streets, of the chief delegates of the principal foreign nations now in disarmament conference at Washington. At the left are Sir Auckland Geddes (left) and the Rt. Hon. Arthur J. Balfour, British delegates. At the right, Premier Briand (left) and Albert Sarraut, for France. In the middle, Baron Shidehara (left) and Admiral Kato, for Japan.

Umatilla Experiment Station Hog Feeding Results

The hog feeding tests conducted by the Umatilla Experiment Station during the past season include hogs and-fed and self-fed on mixtures of barley-middlings and corn-middlings with tankage added during the finishing period. All the hogs were on alfalfa pasture so a charge of \$1 per head should be added to the costs. An acre of alfalfa will carry from 30 to 40 hogs for the season so that the pasture charge at \$1 per acre would be about equal to the return had hay been grown. The table is a summary of the results secured. Barley, corn and middlings were valued at \$40 and tankage \$60 per ton.

During the growing period lot 1, fed 2 per cent of their weight per day of barley-middlings gained 100 pounds on 309 pounds of grain which was about equal to the grain cost of the 2 per cent corn-middlings

lot while the self-fed lot required 391 pounds of grain per 100 pounds gain. More grain was required in each instance during the finishing period. The ration for lot 1 was increased from 2 per cent to 4 per cent and was changed from barley-middlings to corn-middlings tankage. The 2 per cent corn lot was finished on a self-feeder while the original self-feeder lot was continued. The feed cost per 100 pounds grain for lot 1 and lot 2 was practically equal while lot 3 cost 415 pounds or 16 per cent more per 100 pounds of gain. The cost of production for both the growing and finishing periods shows that the lot grown on 2 per cent and finished on the self-feeder were produced for \$6.37 per 100 pounds while the 2 per cent and 4 per cent lot cost \$6.73 and the self-feeder lot \$8.02.

Hog Feeding Results — Umatilla Experiment Station

	Growing Period		
	Lot 1 2 per cent Barley Middlings	Lot 2 2 per cent Corn Middlings	Lot 3 Self-fed Corn
Number of Hogs	7	8	5
Average initial weight	44	40	40
Average final weight	119	111	171
Average gain	75	71	131
Grain fed per 100 pounds gain	309	313	391
Cost per 100 pounds gain	\$6.12	\$6.37	\$7.77

	Finishing Period		
	4 per cent Corn Middlings Tankage	Self-fed Corn Middlings Tankage	Self-fed Corn
Average initial weight	119	111	171
Average final weight	186	196	231
Average gain	67	85	60
Grain fed per 100 pounds gain	359	354	415
Cost per 100 pounds gain	\$7.42	\$7.29	\$8.57

Costs Both Periods			
Grain fed per 100 pounds gain	332	313	398
Cost per 100 pounds gain	\$6.73	\$6.37	\$8.02

STOCK FEED DESTROYED WHEN STRAW PILE BURNS
Investigations Are Under Way to Show Exact Food Content of Farm Wastes.

When a straw stack burns how much stock food goes up in smoke? This question is expected to be answered through an experiment by Harry A. Scoth, scientific assistant, United States Department of Agri-

culture, at the O. A. C. Experiment station. Straw as ensilage may not prove of commercial value but Mr. Scoth believes the surest way of knowing is to see for himself.

The straws experimented with are navy bean, soy bean, horse bean, and buckwheat. Other feeds being tried are the tops of artichokes, wild parsnips, and reed canary grass. All of these products are of minor importance to the crop proper and almost all of them are discarded entirely. If the experiment proves a success it will, in some cases, double the value of the crop.

The straw is passed through a feed cutter which leaves it in the same condition as that for the large silos. It is then packed in big oak barrels. Plenty of water must be used to keep the feed moist. A cover is pressed down and sealed. Care must be taken to keep the barrel airtight as air will spoil the feed in a few hours.

Mr. Scoth carried on a number of experiments last year with various crops. He found that stock will eat almost anything if prepared properly. The feed values of the different ensilages have not yet been fully determined.

A REAL ONE MAN TOWN

A salesman sold a bill of goods to a merchant in a small town. They were returned as not satisfactory. The wholesale house undertook to collect anyway and drew a sight draft on the bank at the customer's town. The bank returned the draft unpaid. Then the house wrote to the village postmaster and asked if the merchant was good for the amount of the bill. The letter was returned O. K'd at the bottom. Next the postmaster was asked to put the bill in the hands of a local lawyer for collection. The

answer received by the wholesalers ran as follows:

"The undersigned is the merchant on whom you tried to palm off your worthless junk. The undersigned is also president of the bank that returned your draft. The undersigned is the postmaster to whom you wrote and also the lawyer whom you tried to get to collect your bill. And if the undersigned were not also the pastor of the local church, the undersigned would tell you to go straight to the devil."—The American Legion Weekly.

THE WALLULA CUT-OFF

Wallula Writer Makes Plea for it on Ground of Scenic Value and Local Utility.

The following is a real snappy article written to the editor of the Oregon Journal and signed by five Wallula folks:

"Wallula, Wash., Oct. 31.—In a recent issue of The Journal appeared matter relating to the proposed Wallula cut-off or link of the Columbia highway. In passing, let me emphasize the fact that the Columbia highway ends at Umatilla, and without the cut-off, or extension, there is no more highway entitled to the name of the river, and some of the greatest wonders are left out. Like that part completed, with all its advertised beauties and enchanting nooks, with the highway carried through we have Hat Rock, the Lonesome Brother, the Twin Sisters and, at its entrance, the Wallula Gateway, offering a continuous panorama of God's wonderful work.

It seems as if Pendleton folks about make up Umatilla county. The building of said road might add a few cents of expense to a small number of Pendleton merchants and deprive them of the sale of a few gallons of gasoline. But tourists are not interested in agriculture or sheep ranges, but are out to see the beauties of nature, wild and primitive, and they search the highways and byways without thought of the dollar that our Pendleton scribe is so afraid of losing.

He further states that it would be only a matter of 15 or 20 miles. The tourist now, to reach Wallula,

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Work Guaranteed Satisfactory Will call at every home
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must travel inland away from the river from Umatilla to Pendleton, to Walla Walla and back down to Wallula, 92 miles; whereas, on the cut-off he need travel only 27 miles, on which every mile offers some new and inspiring view of river or cliffs. Then, as to its commercial future, it would bring to a productive and transportative stage thousands of acres of the best truck and garden land in the state, and the state and county would benefit tenfold in increase of taxes and population. Besides, we of this end of the county need a road as well as other parts of

the county. We hope this will bring the real facts to the notice of those who may wish to aid and not retard our onward march. We are Juniper residents who favor good roads, good schools and broadminded people in this great Oregon country.

Everett L. Yeager,
James Edward Clark,
Ernest Yeager,
Clyde Isaackson,
James Gannon.

Let us do that next printing for you.

Farmers' Week CORVALLIS, ORE., Dec. 26-31, 1921 WINTER SHORT COURSES Put Science Into Farm Practice

Fruit and Vegetable Course Dec. 3-17, '21
Tractor Mechanics Course Jan. 2-Mar. 18, '22
Dairy Manufacture Course Jan. 2-Mar. 18, '22
Agriculture Course Jan. 2-Mar. 18, '22
Dairy Herdmen's Course Jan. 2-June 18, '22
Grain Grading Course Jan. 9-21, '22
Beekeeping Course Jan. 30-Feb. 25, '22
Homemakers' Conference Mar. 20-25, '22

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