

Ethyl Alcohol Industry Eyed

Utilizing Waste Products Of Farms Is Proposed

By Prof. Thornton

PULLMAN, Wash., Nov. 28.—(AP)—Northwest farmers were told today how they can convert their waste products into an industry returning millions of dollars a year.

Professor G. E. Thornton of Washington State college, chairman and scientific adviser of the new industries committee of the state planning commission, revealed plans for production of ethyl alcohol from waste.

The federal public works administration has been asked for \$7500 to finance the venture, and scientists at Washington state have determined how the alcohol best can be used for profit.

A mixture of 25 per cent of the alcohol in gasoline used in automobiles and trucks, Thornton said, would mean \$25,000,000 a year to the northwest alone. Production of commercial alcohol would open another profitable avenue.

Use Much Waste

The planning commission envisions a plant set up in eastern Washington, easily accessible to farms, where surplus and waste grain, fruit and other products could be converted into alcohol.

He estimates the alcohol could be delivered to the consumer for between 11 and 17 cents a gallon, if not taxed.

"The utilization of farm products in such a manner not only would conserve the nation's gasoline supply for future use, but would have a definite tendency to stabilize farm produce markets," he argued.

He based his estimate of profit from mixing the alcohol with gasoline on an annual consumption of 460,355,000 gallons in the northwest, costing an average of 20 cents a gallon.

Professor Thornton said the idea is not new, but is being used by Germany, Brazil and other nations.

Salem Markets

Grade B raw 4 per cent milk, Salem basic pool price \$1.03 per hundred. Co-op butterfat price, F. O. B. Salem, 37c.

(Milk based on semi monthly butterfat average.)
Distributor price \$2.10.
A grade butterfat—Delivered, 37c; route, 35½c; B grade delivered, 36c.

A grade prints, 30½c; B grade, 35½c.

Prices paid to growers by Salem buyers. (The prices below, supplied by a local grower, are indicative of the daily market but are not quoted by The Statesman.)

FRUITS (Buying Price)	
Calif. fresh dates, lb.	.13
Empire grapes, lug	1.40
Wine grapes, lug	.65
Pineapple, Hawaiian, ea.	.42
Oranges, fancy	2.85 to 3.50
Oranges, standard	2.25 to 2.85
Navel, ea.	3.50 to 4.50
Bananas, lb. on stalk	.06
Lemons, fancy	7.00 to 7.75
Choice	6.00 to 7.00
Green fresh, doz.	1.50
Grapefruit, Florida	3.50 to 4.25
Arizona	2.15 to 2.65
Texas	2.75 to 3.25
Apples	
Delicious, bu.	40 to 75
Jonathans	40 to 75
Spitz, bushel	30 to 65
Kings, bu.	30 to 65

VEGETABLES (Buying Price)	
Lettuce, Calif. crate	5.00 to 4.00
Savoy cabbage, doz.	.50
Brussels sprouts, 1/2 bu.	5.00
Sweet potatoes, crate	1.35
Red peppers, doz.	.08
Danish squash, doz.	.25
Onions, Lahish, cwt.	1.85
Yakima, cwt.	1.85
Yakima marbled squash, lb.	.02
Caniflower, Oregon, crate 1.00 to 1.60	
Chicopee, Oregon, crate 1.75 to 2.50	
Cabbage, Oregon, cwt.	1.75 to 2.50
Carrots, local, doz.	.35
Green onions, doz.	.10
Celery hearts, doz.	1.00
Beets, doz.	.40
Green beans, Calif., lb.	.08
Potatoes, No. 1, local	1.80
Potatoes, No. 2, local	1.40
Chinese cabbage, crate	1.40
Hothouse tomatoes	2.50 to 3.00
Turnips, local, doz.	1.00
Celery, Utah variety	2.00 to 2.50

NUTS	
Walnuts, lb.	.10 to .14
Filberts, lb.	.14 to .18

HOPS (Buying Price)	
Clusters, 1935, lb. top	.10
Fuggles, 1935, top, lb.	.15 to .18

WOOL AND MOHAIR (Buying Price)	
Mohair	.27
Medium wool	.22
Coarse and fine wool	.23

EGGS AND POULTRY (Buying Price of Anderson)	
Extras	.27
Medium extras	.24
Medium	.22
Medium standard	.22
Pullets	.17

(Anderson & Son Buying Price)	
Heavy hens, 4 1/2 or over	.16
Heavy hens, over 6 lbs.	.16
Colored medium, lb.	.11
Medium Leghorns, lb.	.11
Light, lb.	.11
Speck, lb.	.08
O.C. roosters, lb.	.08
Colored fry, lb.	.16
White Leghorns, lb.	.11

MARRION CREAMERY buying prices	
Live Poultry, No. 1 stock	.14
Heavy hens, under 6 lbs.	.14
Heavy hens, over 6 lbs.	.14
Medium colored hens, lb.	.12
Leghorn hens, No. 1	.12
Leghorn hens, light	.11
Colored springers, over 3 1/2 lbs.	.15
Colored springers, 3 1/2 lbs.	.15
Leghorn springers	.15
Old roosters, lb.	.05
Speck	.08
Rejects	.08

Eggs—Candled and graded—	
Large extras	.27
Large standards	.27
Medium extras	.23
Medium standards	.23
Pullets	.17
Undergrades	.17

TURKEY MARKET	
Fancy young hens, lb.	.25
Fancy young toms, lb.	.21
Old toms	.17
Mediums 3c under fancy price.	.17

LIVESTOCK (Buying Price)	
Lamb, 6-8 weeks	2.00 to 2.25
Ewes, lb.	.02 to .03
Yearling lambs, 70 lbs.	.85 to 1.00
120-130 lbs.	1.25 to 1.50
150-160 lbs.	1.75 to 2.00
210-250 lbs., top	2.25 to 3.00

Sows	
Stags	7.00
Cows	3.50 to 4.00
Bulls	4.00 to 4.50
Heifers	3.00 to 3.50
Veal, top	2.00
Dressed veal, lb.	.10
Dressed hog, lb.	.15

GRAIN AND HAY	
Wheat, western red	74 1/2
White, No. 1	75
Barley, brewing, ton	22.25
Feed barley, ton	21.00
Oat, milling, ton	22.00
Feed, ton	20.00

Hay, buying prices—	
Clover	11.00
Oats and vetch, ton	11.00
Alfalfa, valley, lb.	13.00
Red clover seed, lb.	12.00
Alsike clover seed	15
Vetch seed, cwt.	2.25

STOCKS AND BONDS				
November 27				
STOCK AVERAGES (Compiled by the Associated Press)				
80	15	60		
Today	Incl. Rail	Util. Stocks		
Prev. day	73.0	28.5	43.4	54.5
Month ago	71.9	24.6	41.2	52.4
Year ago	64.6	17.3	40.9	52.2
1935 high	76.3	29.5	44.6	56.1
1935 low	49.5	18.5	21.6	34.5
1934 high	76.4	29.2	44.5	56.1
1934 low	45.3	22.8	24.2	34.9

BOND AVERAGES				
November 27				
80		15	60	
Today	83.7	101.4	90.2	69.3
Prev. day	83.2	101.2	90.7	69.4
Month ago	81.3	99.3	89.3	68.3
Year ago	84.8	90.7	84.1	68.1
1935 high	87.8	101.4	90.8	70.4
1935 low	76.4	92.2	84.5	65.5
1934 high	89.4	92.9	88.9	70.0
1934 low	74.5	73.7	68.2	60.2

Cattle: Receipts 20 including 116 direct; calves 15 including 9 direct. Market mostly on cleanup basis, unevenly steady to slightly lower. Several heavy thin light steers to killers and stocker buyers, \$4.50-5.00. One head feeder steers to 85. Short fed steers to \$7.25; long fed to \$7.75 or above. Common steers, \$4.75; best offering around \$5.50; low cutter and cutter cows, \$1.75-2.75; common to medium, \$3.25-4. Part load good beef cows unweaned, \$4.25-5. Few heavy beef cows, \$3.50. Heavy beef cows, \$4.75 to \$4.75 and above; common to medium weaners, \$3.50-5.50; good to choice, \$7-8.	
---	--

Sheep: Receipts 53 including 21 direct. Market nominally steady. Good to choice lambs available \$4.75-5. Medium yearlings available \$6 down. Fat ewes available around \$3.50-4.	
--	--

Hogs: Receipts 12 including 7 direct. Market active, fully steady. Good to choice hogs mostly \$9.75-9.85; 225-300 lbs., \$9-9.50. Few packing sows, \$7.50. Feeder pigs mostly \$9-10.25.	
--	--

Cattle: Receipts 20 including 116 direct; calves 15 including 9 direct. Market mostly on cleanup basis, unevenly steady to slightly lower. Several heavy thin light steers to killers and stocker buyers, \$4.50-5.00. One head feeder steers to 85. Short fed steers to \$7.25; long fed to \$7.75 or above. Common steers, \$4.75; best offering around \$5.50; low cutter and cutter cows, \$1.75-2.75; common to medium, \$3.25-4. Part load good beef cows unweaned, \$4.25-5. Few heavy beef cows, \$3.50. Heavy beef cows, \$4.75 to \$4.75 and above; common to medium weaners, \$3.50-5.50; good to choice, \$7-8.	
---	--

Hogs: Receipts 12 including 7 direct. Market active, fully steady. Good to choice hogs mostly \$9.75-9.85; 225-300 lbs., \$9-9.50. Few packing sows, \$7.50. Feeder pigs mostly \$9-10.25.	
--	--

Cattle: Receipts 20 including 116 direct; calves 15 including 9 direct. Market mostly on cleanup basis, unevenly steady to slightly lower. Several heavy thin light steers to killers and stocker buyers, \$4.50-5.00. One head feeder steers to 85. Short fed steers to \$7.25; long fed to \$7.75 or above. Common steers, \$4.75; best offering around \$5.50; low cutter and cutter cows, \$1.75-2.75; common to medium, \$3.25-4. Part load good beef cows unweaned, \$4.25-5. Few heavy beef cows, \$3.50. Heavy beef cows, \$4.75 to \$4.75 and above; common to medium weaners, \$3.50-5.50; good to choice, \$7-8.	
---	--

Hogs: Receipts 12 including 7 direct. Market active, fully steady. Good to choice hogs mostly \$9.75-9.85; 225-300 lbs., \$9-9.50. Few packing sows, \$7.50. Feeder pigs mostly \$9-10.25.	
--	--

Cattle: Receipts 20 including 116 direct; calves 15 including 9 direct. Market mostly on cleanup basis, unevenly steady to slightly lower. Several heavy thin light steers to killers and stocker buyers, \$4.50-5.00. One head feeder steers to 85. Short fed steers to \$7.25; long fed to \$7.75 or above. Common steers, \$4.75; best offering around \$5.50; low cutter and cutter cows, \$1.75-2.75; common to medium, \$3.25-4. Part load good beef cows unweaned, \$4.25-5. Few heavy beef cows, \$3.50. Heavy beef cows, \$4.75 to \$4.75 and above; common to medium weaners, \$3.50-5.50; good to choice, \$7-8.	
---	--

Hogs: Receipts 12 including 7 direct. Market active, fully steady. Good to choice hogs mostly \$9.75-9.85; 225-300 lbs., \$9-9.50. Few packing sows, \$7.50. Feeder pigs mostly \$9-10.25.	
--	--

Cattle: Receipts 20 including 116 direct; calves 15 including 9 direct. Market mostly on cleanup basis, unevenly steady to slightly lower. Several heavy thin light steers to killers and stocker buyers, \$4.50-5.00. One head feeder steers to 85. Short fed steers to \$7.25; long fed to \$7.75 or above. Common steers, \$4.75; best offering around \$5.50; low cutter and cutter cows, \$1.75-2.75; common to medium, \$3.25-4. Part load good beef cows unweaned, \$4.25-5. Few heavy beef cows, \$3.50. Heavy beef cows, \$4.75 to \$4.75 and above; common to medium weaners, \$3.50-5.50; good to choice, \$7-8.	
---	--

Hogs: Receipts 12 including 7 direct. Market active, fully steady. Good to choice hogs mostly \$9.75-9.85; 225-300 lbs., \$9-9.50. Few packing sows, \$7.50. Feeder pigs mostly \$9-10.25.	
--	--

Cattle: Receipts 20 including 116 direct; calves 15 including 9 direct. Market mostly on cleanup basis, unevenly steady to slightly lower. Several heavy thin light steers to killers and stocker buyers, \$4.50-5.00. One head feeder steers to 85. Short fed steers to \$7.25; long fed to \$7.75 or above. Common steers, \$4.75; best offering around \$5.50; low cutter and cutter cows, \$1.75-2.75; common to medium, \$3.25-4. Part load good beef cows unweaned, \$4.25-5. Few heavy beef cows, \$3.50. Heavy beef cows, \$4.75 to \$4.75 and above; common to medium weaners, \$3.50-5.50; good to choice, \$7-8.	
---	--

Hogs: Receipts 12 including 7 direct. Market active, fully steady. Good to choice hogs mostly \$9.75-9.85; 225-300 lbs., \$9-9.50. Few packing sows, \$7.50. Feeder pigs mostly \$9-10.25.	
--	--

Cattle: Receipts 20 including 116 direct; calves 15 including 9 direct. Market mostly on cleanup basis, unevenly steady to slightly lower. Several heavy thin light steers to killers and stocker buyers, \$4.50-5.00. One head feeder steers to 85. Short fed steers to \$7.25; long fed to \$7.75 or above. Common steers, \$4.75; best offering around \$5.50; low cutter and cutter cows, \$1.75-2.75; common to medium, \$3.25-4. Part load good beef cows unweaned, \$4.25-5. Few heavy beef cows, \$3.50. Heavy beef cows, \$4.75 to \$4.75 and above; common to medium weaners, \$3.50-5.50; good to choice, \$7-8.	
---	--

Hogs: Receipts 12 including 7 direct. Market active, fully steady. Good to choice hogs mostly \$9.75-9.85; 225-300 lbs., \$9-9.50. Few packing sows, \$7.50. Feeder pigs mostly \$9-10.25.	
--	--

Cattle: Receipts 20 including 116 direct; calves 15 including 9 direct. Market mostly on cleanup basis, unevenly steady to slightly lower. Several heavy thin light steers to killers and stocker buyers, \$4.50-5.00. One head feeder steers to 85. Short fed steers to \$7.25; long fed to \$7.75 or above. Common steers, \$4.75; best offering around \$5.50; low cutter and cutter cows, \$1.75-2.75; common to medium, \$3.25-4. Part load good beef cows unweaned, \$4.25-5. Few heavy beef cows, \$3.50. Heavy beef cows, \$4.75 to \$4.75 and above; common to medium weaners, \$3.50-5.50; good to choice, \$7-8.	
---	--

Hogs: Receipts 12 including 7 direct. Market active, fully steady. Good to choice hogs mostly \$9.75-9.85; 225-300 lbs., \$9-9.50. Few packing sows, \$7.50. Feeder pigs mostly \$9-10.25.	
--	--

Cattle: Receipts 20 including 116 direct; calves 15 including 9 direct. Market mostly on cleanup basis, unevenly steady to slightly lower. Several heavy thin light steers to killers and stocker buyers, \$4.50-5.00. One head feeder steers to 85. Short fed steers to \$7.25; long fed to \$7.75 or above. Common steers, \$4.75; best offering around \$5.50; low cutter and cutter cows, \$1.75-2.75; common to medium, \$3.25-4. Part load good beef cows unweaned, \$4.25-5. Few heavy beef cows, \$3.50. Heavy beef cows, \$4.75 to \$4.75 and above; common to medium weaners, \$3.50-5.50; good to choice, \$7-8.	
---	--

Hogs: Receipts 12 including 7 direct. Market active, fully steady. Good to choice hogs mostly \$9.75-9.85; 225-300 lbs., \$9-9.50. Few packing sows, \$7.50. Feeder pigs mostly \$9-10.25.	
--	--

Northwest Prune Mart Still Quiet

Most of Deliveries Made To Cover Contracts; Quotes Lower

The northwest dried prune market continued quiet during the past two weeks with little activity or trading reported. Packing quotations on boxed prunes appeared to be somewhat lower on some sizes than those prevailing earlier in the season.

This, however, is an expected condition considering the small amount of new business which has developed since the heavy shipments in October of prunes booked prior to the opening of this year's harvesting operations. Present quotations, reported by the United States department of agriculture, by packers f.o.b. Portland on 25 pound boxes range as follows: stock packed in sacks 3/4 c lower; 30-40s, mostly around 5c; occasional 3 1/2-4c higher and lower; 40-50s, 3 1/2-4c; 50-60s 2 1/2-3c; 60-70s, mostly 2 1/2c, few high as 2 3/4c; 70-80s, occasional sales 2 1/2c.

Contracts Involved

Most of the present deliveries being made to packers by growers cover stocks previously contracted. Packers are purchasing very few prunes at this time, because practically all of their pre-season sales have been shipped, and a number of new business reports from growers indicate a mixed trend; some refusing to sell at present prices and others reporting lack of buying by packers.

Wintry Blasts in East Widespread

CHICAGO, Nov. 28.—(AP)—Wintry blasts of snow, rain and sleet swept the country from the Rocky Mountains almost to the Atlantic coast today as Thanksgiving was celebrated.

Northwestern storm signals were hoisted at Great Lakes points when a 40-mile-an-hour gale lashed Lake Michigan, keeping some vessels to the safety of harbors and delaying ferries plying out of Milwaukee.

Devis Lake, N. D., reported the day's lowest temperature, four below zero.

Only the west coast and far northern areas escaped the biting weather. Temperatures were mild and skies blue along the Pacific.

Zero temperatures were forecast for Iowa where sleet and snow glazed roads made holiday driving precarious.

It snowed in Milwaukee and there were flurries during the day in Chicago and over northern Illinois. A further drop in the mercury was predicted for the area.

Potomac Poisoning Is Barrier for Reunion

WALDO HILLS, Nov. 28.—Mr. and Mrs. Edson Comstock and Janet had as their guests for Thanksgiving day, Mrs. S. J. Comstock, Mr. and Mrs. F. E. Sylvester of Silverton, and Dr. and Mrs. Sydney Hall of Salem. They had expected Mr. and Mrs. N. F. Bates of Seattle but received word late Tuesday that Mrs. Bates, a cousin of Mrs. Comstock, was in a Seattle hospital suffering from ptomaine poisoning. She had accompanied her husband to Everett where he had transacted business and they had started for their summer cottage on Camano Island when Mrs. Bates was taken so ill they were forced to return.

Gardeners' and Ranchers' Mart

Spinach—Per box, \$1-1.15.
Carrots—Per dozen bunches, 25-25c.
Beets—Per dozen bunches, California, 30-35c.
Green onions—Per dozen bunches, 35c.
Dry onions—Yakima, 22-23c; Oregon No. 1, 22-23c.
Cabbage—No. 1, 1 1/4 c per pound; red cabbage, 3c per pound; crate, \$1.25-1.50; California—No. 1, 90c per crate; No. 2, 60c.
Radishes—Per dozen bunches, 30-35c.
Celery hearts—Per dozen bunches, \$1.25.
Celery—Field packed, ripe, crate, \$2-2.25.
Apples—Jonathans, 65-75c; Hood River Spitz, 65-75c; fancy Spitz, \$1.50; fancy Delicious, \$1.60.
Potatoes—Local, per 100 pound sack, \$2-2.25.
Parsley—Per dozen bunches, 40-45c.
Lettuce—5 1/2, \$4-4.25; 6 1/2, \$2.25-3.50; dry pack, 4 doz., \$7.75.
Tomatoes—Hothouse, \$1.35-1.65; local, 40-50c.
Turnip—Purple tops, doz. bunches, 50-55c.
Squash—Danish, lb., 2c; Hubbard, 2c; Crookneck, 2c; Bohemian, 2c; Marblehead, 2c.
Cucumbers—Hothouse, box, \$1.10.
Pears—D'Anjou, force and fill, lb. 75c.
Pumpkins—1 1/4 c per pound.
Peppers—California, lb., 6c.
Sweet potatoes—No. 1, \$1.30-1.40; unclassified, \$1.10-1.30.
Grapefruit—Arizona seedless, 80's, \$2.50-3.00; 90's, \$2.25-2.50; Florida and Texas, \$4.50.
Cranberries—Box, \$4.50.
Garlic—15c.
Parsnips—Per lug, 50c.
Brussels sprouts—Crate, 85-95c.
Onions—California navel, \$3.75.

'Little Pig' for Western Livestock Display



The little pig that goes to market these days waits until he tips the scales at 1,000 pounds. This photo shows a comparison between a young pig and one that has been fattened for the livestock show. Mary Lockhart is holding the three-pound pig. Many 1,000 pound hogs are being "primed" for the Great Western Livestock show, which opened at the Union stockyards in Los Angeles November 16.—International Illustrated News photo.

Thanksgiving Is Program Feature

TURNER, Nov. 28.—The school Thanksgiving program was presented Wednesday afternoon at 2:30 by the intermediate room with Mrs. O. W. Jefferson directing, opening with a Thanksgiving song by the group. Recitation, "Thanksgiving Dinner," Monte Weddle; piano solo, Peggy Van Santen; skit, "Meaning of Thanksgiving" by four girls, Marjory Shower, Mary Peterson, Bonnie Webb and Hazel Larsen; Italian folk dance, Jean Ball and Betty Peetz; recitation, "Thanksgiving Vision," John Clark; piano solo, Jean Ball; song and skit, "Little Indians of Lookingglass," Melvin Mortimer, Monte Weddle, Melvin Courter, Keith Bonney, James Boyer, Gordon McCully, Melvin Baker, Eleanor Sparks, Marie Stalling, Ruth Bones and Peggy Van Santen; piano solo, Betty Peetz.

Deputy Visitor

STAYTON, Nov. 28.—Edward B. Beaty, deputy district grand master of the Masonic lodge was here from Corvallis this week to pay his official visit to Stayton lodge. Capt. Lansing of the state police and several Stayton Masons were also in attendance and spoke during the supper hour, which followed the lodge session. Work was put on in the E. A. degree.

Mennis in Accident

B. T. Mennis collided with a parked car belonging to Archie McKillop, at the corner of Chem-

Wool Production Curtailed

Wool production was curtailed here and abroad this year, and stocks have been greatly reduced.

Supply of Lambs Much Curtailed

The supply of lambs for slaughter during the remainder of this marketing year up to next May is expected to be the smallest in several years, the division of crop and livestock estimates of the United States department of agriculture reports. The supply of feeder lambs is much smaller this year than last because of the small late lamb crop in the western states, and lamb feeding will be greatly reduced this fall and winter, it is stated.

Expected to Be Smallest In Years; Wool Also To Prove Scarce

Small supplies of fed lambs in prospect for the coming winter and probable improvement in consumer demand is likely to result in the highest lamb price in six years.

Wool production was curtailed here and abroad this year, and stocks have been greatly reduced.

Domestic Mill Consumption of Wool is Expected to be Less Next Year Than This, but Not to Fall to the Small Figures of 1934.

Domestic mill consumption of wool is expected to be less next year than this, but not to fall to the small figures of 1934. Domestic wool prices are likely to be well maintained at least until next year's domestic clip becomes available.

There may be a slight increase in the number of stock sheep in western states on January 1 next, and an upward trend is in prospect over the next few years, provided feed conditions continue favorable.

Radio Program

Friday, November 29
KOAC—CORVALLIS—560 Kc.<