

ADVANCES ARE IN PROSPECT FOR BUTTER MARKET

BUTTER SHOWS FALLING OFF IN WEEKS OUTPUT

Portland, Aug. 1.—In a usual strength is showing the local butter market with further advances not far distant. The market was very firm at the close today, with extra cubes and 1/2 cream half cent higher on the exchange. No change in print prices had been announced by local creamerymen who were waiting the action of the Seattle market before advancing the prices over the week end.

High score butter is scarce and at a premium. Pastures are in bad condition with grass in several sections already burned out. Cream production has naturally fallen off and creamerymen are having a struggle getting sufficient fat for their requirements.

The American Association of Creamery Manufacturers reports a decrease of 4 per cent in the make this week over the same week last year and a decrease of 4.1 per cent over last week.

Cube prices on the exchange at the close were: extra 48c; standards 47c and prime firsts 46c. Prints remain at 48 cents creamery basis and the buying price of butter fat 47 cents f. o. b. shipper's track in zone one.

Late today local creamerymen announced a two cent advance in print butter to become effective Monday. New prices will be 50 cents with cartons at 51 cents. Butterfat prices also will be two cents higher with bids 49 cents f. o. b. shipper's track in zone one.

The local egg market was firm at the close with quality stock at a premium owing to the hot weather and off grade receipts. On the exchange firsts were posted a cent higher at 46 cents while other grades remained steady and unchanged.

The retail butcher trade was scouring the street yesterday afternoon and the morning for both calves and hogs. Receipts are very scarce and choice light stock in keen demand. Best calves bringing 16 cents readily with the half obtained on strictly fancy veal. Best hogs firm at 19 1/2 to 20 cents.

Small hens and springs are commencing to drag in the local market and prices are easing off. Receipts are increasing and buyers appear well supplied. Light chickens slow at 14 cents and light springs at 18 to 19 cents. Heavy hens and heavy springs steady around 24 and 25 cents. Young white pekín ducks selling at 20 to 22 cents.

LIVESTOCK

Portland, Aug. 1.—Cattle steady; receipts 75; steers medium \$7.75 @ \$7.25; country \$6.90 @ \$7.75; cutters and cutters steers \$4.50 @ \$6.00; heifers, common and medium \$4.00 @ \$5.50; ewes common and medium \$2.50 @ \$5.75; canners and cutters \$1.50 @ \$2.25; bulls, good beef yearlings excluded, \$4.75 @ \$5.75; common to medium calves, bolognas \$2.50 @ \$4.75; calves, medium to choice milk feeds excluded \$2.50 @ \$3.25; calf and common \$5.00 @ \$7.50; vealers, medium to choice \$9.50 @ \$11.00; cull and common 120 pounds up \$5.50 @ \$7.00.

Hogs steady; receipts 100; heavyweight 250 to 250 pounds, medium, good and choice \$12.50; medium weight, 200 to 300 pounds, medium, good and choice \$14.25 @ \$15.25; lightweight 160 to 200 pounds, common, medium, good, choice \$14.25 @ \$15.35; light lights 130 to 160 pounds, common, medium, good, choice \$14.25 @ \$15.35; pig and pig hogs \$10.50 @ \$12.25; slaughter pigs 120 pounds down, medium, good and choice \$13.00 @ \$14.00; feeder and stecker pigs 70 to 130 pounds, common, medium, good and choice \$13.50 @ \$14.50. (Soft or cilt hogs and roasting pigs excluded in above).

Sheep firm; receipts 300; lambs, good and choice, Mr. Adams \$12.00 @ \$12.50; lambs, medium and good (valley) \$10.50 @ \$11.75; heavyweight 92 lbs. up \$8.50 @ \$9.50; all weights cull and common \$6.00 @ \$8.00; yearling wethers, medium to choice \$8.50 @ \$9.50; ewes, common to choice \$2.00 @ \$5.00; canner and cull \$1.25 @ \$5.00.

PORTLAND GRAIN

Portland, Aug. 1.—Wheat hard white, hard \$1.45; soft white \$1.40; western white \$1.40; light winter \$1.48; northern spring \$1.45; western red \$1.42; H. B. R. hard white \$1.50. Today's ear receipts: wheat 24, flour 5, corn 1, oats 1, hay 11.

BUTTER AND EGGS

Portland, Aug. 1.—Eggs steady; current receipts 25 1/2; pullets 27 1/2 @ 28 1/2; firsts 31 1/2 @ 32 1/2; extras \$3 @ 3 1/2 delivered Portland. Butter firm; extra, best, city 48c; standards 47c; prime firsts 46c; firsts 45 1/2c; undergrades nominal; prints 48c; cartons 56c. Butterfat firm; best, churning cream 47c net shippers' track in zone one.

POULTRY

Portland, Or., Aug. 1.—Poultry steady; heavy hens 24 @ 25c; light 18 @ 19c; broilers 19 @ 22c; young white ducks 20 @ 22c.

ONIONS AND POTATOES

Portland, Aug. 1.—Potatoes new potatoes \$1.75 @ \$2.00; onions steady \$4.00 @ \$4.50.

NUTS, HOPS AND CASCARA

Portland, Aug. 1.—Nuts quiet; walnuts No. 1, 25 @ 30c; filberts nominal. Hops steady; 1924 crop 16 @ 17c; 1925 crop nominal. Cascara bark quiet. Old peas 4 @ 7c per pound; Oregon grape root 3 1/2c.

HOP PICKING BEGINS

HARRISBURG AUG. 5

Harrisburg, Or., Aug. 1.—The hop harvest in the Elliot, Lowell and Smith yards, will begin August 5. This is about two weeks earlier than usual. Harvest will begin the middle of August. So far the crop gives no indications of being better than average. It is reported that several growers will allow the pickers only 30 cents a hundred, the lowest price ever to have prevailed here.

FARM POINTERS

Lining the soil contributes to the efficiency of manure. It also protects inoculation and substantially adds to the capacity of the bacteria and plants to utilize free atmospheric nitrogen reports the experiment station.

In irrigating potatoes, the average amount of water giving most percentage return in many years experiments on the station grounds at Corvallis is 3.7 inches per acre. The total water consumed, including soil and rain water, was 9.5 inches. The average yield was 280.6 bushels obtained at a water cost of 555 pounds of total water consumed to the pound of dry matter produced.

Experiments by the Oregon station indicate that sulfur is an especially critical element in plant growth, but that only a small amount is necessary. Yields have

TIME TO SPRAY LAST TIME FOR CODDLING MOTHS

A practical means of replenishing and maintaining organic matter in soils in Oregon is cover crops. Because of mild winters in western Oregon these cover crops are usually early and common vetch orchards will be due not later than August 8, according to reports from the experiment station. The first moths of the second generation appeared in the rearing cages at the station July 25.

The maximum number of moths is expected during the first week of August. The egg hatching period will begin about August 3, and the peak of the hatch will probably be about the middle of August.

The poison cover spray must be on the foliage of the peas and applied before the worms hatch if the fruit is to be properly protected. Increasing the dosage to five pounds of arsenate of lead to 200 gallons of water is a frequent practice with this spray. If this spray is on the fruit and foliage when the new worms arrive and begin to eat, their first meal is more than likely to prove their last.

This is the third regular coddling moth spray known to growers as the August cover spray. Its date varies with the weather and other conditions, making it difficult for the growers to know just the right time to apply it. The station is able to learn the time of hatching by observing moths in the breeding cages.

The information is sent to the growers through cooperative newspapers. The moth children, the worms, are so skillful in their efforts to see the inside of the combed efforts of station newspapermen and growers to keep them from doing it. With this combination working successfully, the worms are balked and turned to tiny bits of fertilizer.

Field observations are made by the station entomology department staff members "to check" on the breeding cage estimates. The captive moths in the station cages are taken from pupae transformed from worms that were in little apple trees last spring. They go thru the same changes as free worms.

JULY DRY AS POSSIBLE WITH NO RAINFALL

With a row of goose eggs extending from top to bottom of the column marked "precipitation," the July report of Clarence Oliver, local weather observer, shows that the month which closed yesterday was the first absolutely dry month on record since July, 1924, when the mark was established during the past month was exactly equal. July a year ago came within a hair's breadth of showing the same record, but a very slight precipitation falling on July 14 proved to be sufficient to madden the weather observer's instrument, causing him to turn in a report, "traces," although there was not enough rain to measure. Except for the 14th of last year was absolutely dry.

The present dry spell extends back to June 21, which was the last day on which any rain fell. On that day there was only enough to bring the report "traces." The last day of which there has been any real rain was June 11, when .02 inches of moisture was precipitated. The rain on that date marked the conclusion of a long wet spell which had discouraged many people of Salem, who were beginning to fear that there would be no dry spell at all this year.

Normal rainfall for July, as determined from official government statistics, is .47 of an inch. July is normally the driest month in the year with the exception of August, which has a rainfall normally of .41 of an inch.

During the month which closed yesterday there were 25 clear days, two cloudy days and four days that were part cloudy. The mean temperature for the month was 69.3 degrees above zero, which is exactly two degrees above the mean during the same month last year and 1.2 degrees above the general mean. July of this year broke no individual records so far as temperature is concerned. The hottest day, July 9, fell 8 degrees short of the official July maximum, being only 94 degrees above zero. Minimum temperature, 49 degrees, was reached on July 2 and July 7. The greatest range occurred on the 8th and 9th, with 33 degrees separating the maximum from the minimum temperatures on each of those days.

The level of the Willamette river at Salem dropped exactly a foot and a half during July, falling from 12.2 of a foot below normal to 1.7 feet below normal.

OREGON WOOL STILL UNSOLD

Portland, Aug. 1.—The wool situation is attracting the attention of the eastern trade, as the increased unsold supply of wool in the United States at the present time is in this state. A survey recently made shows between 7,000,000 and 8,000,000 pounds in warehouses in this city and 2,000,000 to 3,000,000 pounds scattered throughout the interior. It is declared by wool men that this 10,000,000 pounds or so of the 1925 crop will have to be moved within the next 60 days or be carried over into the new season, as in the winter months it will come into competition with foreign wools. The entire quantity could be handled now, say the dealers, if there was agreement on prices between buyers and sellers. Both sides are holding tight and the result is an inactive market. The only business reported recently has been the filling of small special orders. Such a deal was the purchase of the well-known Fisher clip of 30,000 pounds by Shunko by Hallowell, Jones & Donald.

FOUR FATAL ACCIDENTS REPORTED IN PAST WEEK

Out of a total of 662 accidents that were reported to the state industrial accident commission for the week ending July 30, four were fatal. They were: Verle May, Silverton, fire watchman; Bert Hemingway, North Bend, helper; Clair Nichols, Portland, painter; Louie Pluckinger, Seaside, logger. Of the total number of cases reported 550 were subject to the provisions of the workman's compensation act, 110 were from firms and corporations that have not elected to come under the act and two were from public utility corporations not subject to the act.

APPLICATIONS FOR WATER RIGHTS DURING WEEK

The following applications for authority to appropriate water from Oregon streams have been filed with the state department of engineering:

V. Boatright of Turner, water from a drainage ditch for supplemental irrigation of 1 1/2 acres in Marion county.

Rocco E. Bratton of Grants Pass, water from Scholey gulch for mining purposes in Josephine county.

L. F. Sandoz of The Dalles, water from Mill creek for irrigation of 5 acres in Wasco county, at a cost of \$1500.

William H. Wright of Grants Pass, water from Limpy creek for domestic purposes in Josephine county.

George W. Batcom of North Bend, water from a spring for domestic purposes in Coos county.

Leonard H. Hildeman of Portland, water from Buckner creek for irrigation purposes.

J. E. Hartle of Glendale, water from Benjamin gulch for irrigation of 3 1/2 acres in Douglas county.

Ben Conlon of Cascade Locks, water from East spring for domestic purposes in Hood River county.

C. W. Ladd of Hubbard, water from an unnamed spring branch for irrigation of 2 acres in Marion county.

Maggie Henderson of Pendleton, water from Catherine creek for supplemental irrigation of 98.25 acres in Union county.

M. V. Knight of Joseph, water from unnamed springs for domestic purposes, including irrigation of lawns and gardens, in Wallowa county.

United States department of agriculture, Mount Hood national forest, Portland, Or., water from an unnamed stream for domestic purposes in Hood River county, and also covering the appropriation of water from Station creek for irrigation and domestic purposes in Clackamas county, at a cost of \$400.

WHEAT AND CORN MAKE ADVANCES

Chicago, Aug. 1.—Wheat opening prices, 1/2 cent to 3/4 higher, September \$1.49 to \$1.49 1/2, and December \$1.50 to \$1.50 1/2, were followed by an advance to \$1.51 1/2 for September; and \$1.52 1/2 for December.

After opening at 1/2 decline to 1 1/2 advance, September \$1.02 to \$1.03 1/2, corn market underwent something more of a sag, and then scored general gains.

ARSENICAL DUST DEATH TO GREEN CABBAGE WORM

Oregon gardeners who are troubled with green cabbage worms can be rid of this pest by using an arsenical dust, says Don C. Motz, entomologist for the experiment station. Calcium arsenate is the best poison, as the dust is more toxic than lead arsenate and there is little danger of burn on the cabbage from this material. Powdered lead arsenate can be used, however, if calcium arsenate is not available.

The powdered poison is mixed with some dust carrier at the rate of one part of poison to six of carrier by weight. Carriers that are suitable are sifted woodashes, hydrated lime, or powdered sulfur. To insure a good mixture, the poison is first thoroughly mixed with the carrier and then passed through a fine screen to break up all the lumps.

The dust can be safely applied every 10 days from the time of setting out until the plants begin to head. The best time to dust is early in the morning when there is little breeze and when the dew is on the plants.

Dr. B. H. White
Osteopathy - Surgery
Electronic Diagnosis and Treatment (Dr. Abram's method).
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808 U. S. Bank Bldg.

SCHOOL FUND APPORTIONED TO COUNTIES LESS

G. G. Brown, clerk of the state land board today announced the annual net apportionment to the counties of interest from the state school fund to be \$373,273.50, which is \$18,659.54 less than in 1924 and \$27,026.01 less than in 1923. The decrease is due to the increase in the number of persons of school age in the counties, the apportionment being made on a per capita basis.

In 1924 the total was \$391,933.04 with the total number of persons of school age 238,836 and the per capita \$1.64. In 1923 the total was \$400,299.51, with the total persons of school age 231,387 and the per capita \$1.73. This year the persons of school age in the state number 248,849 and the per capita is \$1.50.

By counties the apportionment this year is as follows:

Baker	5,268.00
Benton	7,321.50
Clackamas	20,736.00
Clatsop	10,383.00
Columbia	8,836.50
Coos	14,205.00
Crook	1,423.50
Curry	1,696.50
Deschutes	5,995.00
Douglas	10,251.00
Gilliam	1,705.50
Grant	2,434.50
Harney	1,674.00
Hood River	4,626.00
Jackson	11,944.50
Jefferson	1,042.50
Josephine	4,317.00
Klamath	6,448.50
Lake	3,657.50
Lane	20,541.00
Lincoln	3,888.50
Linn	11,424.00
Malheur	4,848.00
Marion	23,644.50
Morrow	3,088.50
Multnomah	112,377.00
Polk	7,951.50
Sherman	1,524.00
Tillamook	5,535.00
Umatilla	10,891.50
Union	7,999.50
Wallowa	4,423.50
Wasco	5,815.50
Washington	13,764.00
Wheeler	1,285.50
Yamhill	9,608.00
Total	\$373,273.50

Salem Markets

Compiled from reports of Salem dealers for the guidance of Capital Journal readers. (Revised daily.)

Wholesale Prices
Grain: No. 1 white wheat \$1.32; No. 2 red wheat \$1.28 (sacked).
Meat: Top hogs 13 1/2c; sows \$2.50 @ \$3.00; dressed hogs 19c; top steers 6c; cows \$2.50 @ \$3.00; bulls 1 1/2 @ 2c; spring lambs, 80 lbs. and under 9 @ 9 1/2c; heavier 8 1/2c; light 7 @ 7 1/2c; dressed veal 13c.
Poultry: Spring chickens 14 @ 20c; light hens 13 @ 15c; heavy hens 15 @ 20c; old roosters 6c.
Butterfat 49c; creamery butter 48 @ 49c; eggs 26c; standards 28c; select 30c; milk \$2.16 cwt.
Vegetables and fruits: Cantaloupes \$1.05 @ \$2.00; watermelons 2 1/2 lb.; oranges \$7.75 @ \$8.75; lemons \$8.00 @ \$9.00; grapefruit 49c; bananas 9 1/2c; apples extra fancy 9 1/2c; new apples 4 @ 6c lb.; an unnamed stream for domestic purposes in Hood River county, and also covering the appropriation of water from Station creek for irrigation and domestic purposes in Clackamas county, at a cost of \$400.

NOTICE

The White Fir Dairy has not entered into any combine to raise the price of milk and will continue to sell at old prices.

William Sheridan, Prop.
Salem Route 5, Phone 81F3

Ladd & Bush Bankers

ESTABLISHED 1868
General Banking Business

Office Hours from 10 a. m. to 3 p. m.

EFFECTIVE AUGUST 1, 1925

Retail prices of Milk will prevail as follows:

MILK—		COMMERCIAL CREAM—	
Gallons (bulk)	40c	Gallons (bulk)	\$2.30
Quarts	12c	Quarts	64c
Pints	7c	Pints	32c
Half pints	5c	Half Pints	16c
SKIM MILK—		Quarter Pints	9c
Gallons (bulk)	15c	WHIPPING CREAM—	
Quarts	5c	Gallons (bulk)	\$3.00
BUTTER MILK—		Quarts	85c
Gallons (bulk)	25c	Pints	44c
Quarts	10c	Half Pints	22c
		Quarter Pints	12c

Wholesale prices to restaurants and bakeries:
Three gallons and over will be at the rate of 32c per gallon for milk and bulk commercial cream will be charged at the rate of \$1.50 per gallon. Whipping cream in cans will be sold at \$2.40 per gallon.

Monthly rates and quantity discounts to the retail trade will be entirely dispensed with and each quart and pint delivered will be charged for as quoted above.

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|-----------------------------|--------------------|
| Meadowlawn Dairy | Oak Park Dairy |
| Salem Sanitary Milk Company | Fairview Dairy |
| Fairmount Dairy | Salem Jersey Dairy |
| Red Clover Dairy | Maple Mead Dairy |
| Wild Rose Dairy | Bushes Creek |
| Carl's Golden Guernsey Farm | Jersey Dairy |

One-Profit STUDEBAKERS —At Even Lower Prices

These Studebaker Motor Cars on Which new prices are herewith announced, are the identical cars which have given Studebaker tremendous sales volume and thereby lowered production costs.

New prices include all equipment now on our various models, except the bumpers, extra tire, cover and motometer are no longer furnished on big sixes.

There is no sacrifice in materials nor in workmanship. Studebaker has brought out no new yearly models built to sell at new prices.

These are the same Studebakers on which we were able to announce new low prices on January 8 of this year.

The following table forms a striking tribute to Studebaker's one-profit production.

New Prices Effective August 1st

All Prices F. O. B. Salem

Standard Six Models

	New Price	Old Price	Saving
Country Club Coupe	\$1545	\$1595	\$ 50
Coach	1445	1545	100
Sedan	1775	1875	100

Special Six Models

	New Price	Old Price	Saving
Duplex Roadster	\$1670	\$1725	\$ 55
Sport Roadster	1875	1925	50
Duplex Phaeton	1745	1785	50
Coach	1745	1895	150
Brougham	2000	2100	100
Victoria	2050	2195	145
Sedan	2230	2380	150

Big Six Models

	New Price	Old Price	Saving
Duplex Phaeton	\$2105	\$2185	\$ 80
Coupe	2420	2825	405
Brougham	2545	2925	380
Sedan	2620	2950	330
Berlin	2700	3025	325

Only Ford and Studebaker make in their own plants all bodies, engines, clutches, differentials, steering gears, springs, gear sets, axles, gray iron castings, and drop forgings used in their cars. Studebaker is the only one profit manufacturer in the fine car field.

THE STUDEBAKER CORPORATION OF AMERICA

South Bend, Indiana
THIS IS A STUDEBAKER YEAR