ALL FIELD CROPS EXCEED AVERAGE, FINAL ESTIMATE

Fruit Crops Except Cherries, Pears Below Par—Largest Wheat Crop Since '28 Seen in Survey

PORTLAND, Sept. 6.—(AP)—Oregon and Washington grain field crop production will be above the 1928-52 average but all major fruit crops except cherries and pears will fall below par in the final estimate, C. J. Borum of the bureau of agricultural economics reported today in his September review.

The estimated 69,703,000 bushels of wheat, the largest crop since 1928, represents a 9 percent gain over average. The oats crop—18,974,000 bushels—is one-fourth greater than the average but 5 percent less than last season. Corn production is estimated at 3,494,000 bushels, 17 percent more than the previous crop and 11 percent above average.

The bureau estimated the potato harvest at 16,560,000 bushels, more than three million above the average and compared with 15,320,000 last season. Hay will be slightly less than a year ago but 6 percent greater than average. Although the hop crop estimate is 33,520,000 pounds, compared with the average of 20,661,000, labor shortage and unfavorable weather will cut the final figures.

Although apples are 5 percent up since 1936, the figures are 13 percent under the average. Peaches dropped 42 percent since a year ago and 13 percent under the average. The estimated 29,000 tons of fresh prunes are 100 tons under 1936 or 300 tons below average. Canning prunes of 20,800 compare with 28,900 last year and 11,020 for the five-year average. Prunes for drying are placed at 14,600 tons, 42 percent under a year ago and about half the average.

ORCHARD COVERS PAY IN LONG RUN ASSERT EXPERTS

New Extension Service Bulletin Warns of Continued Failure to Return Organic Matter to Soil.

CORVALLIS, Ore.—(Spl.)—"Save the surface and you save all," a paint company slogan, certainly applies to soils.

"When an owner allows his top soil to wash away he has literally sold his farm down the river.

"The practice of close pasturing of sod orchards may be fine for the livestock, but it doesn't help to fill the packing shed."

These are a few of the pungent observations included in a new extension bulletin entitled, "Orchard Covers," which discusses the why and how of maintaining said fertility in Oregon orchards through the use of cover or green manure crops. The bulletin is a joint production of O. T. McWhorter, E. R. Jackson and Arthur King, O. S. C. extension specialists in horticulture, farm crops, and soil conservation, respectively.

Fertility Bank Account

"The fertility of the soil underneath the tree may be regarded as the owner's bank account," the authors point out. "Every time a crop of fruit is taken off, a check is drawn on that account. When a cover crop is turned down, or manures added, a deposit is made. In many orchards the checks are more numerous than the deposits. Nature spent some millions of years in building up the fertility account. Twenty years of poor management will bankrupt it."

The bulletin tells why orchards require a steady return of organic matter if they are to remain profitable, and then lists many different kinds of crops which are suitable under the varying soil and climatic conditions where orchards are grown in Oregon. The double purpose of a cover crop in adding fertility and protecting the soil against erosion is emphasized. Use of fertilizers with cover crops is advised in many cases.

Sod orchards are experimental only for non-irrigated conditions, but a permanent cover crop in irrigated orchards is now strongly endorsed by many of the most successful growers, say the specialists.

Phone 542. We'll haul away your refuse. City Sanitary Service.

Closing time for Too Late to Classify Ads is 1:30 p. m.

Heat your paring knife before you start to slice potatoes.

Meteorological Report

Sept. 16, 1937.

Forecasts.

Medford and vicinity: Fair tonight and Friday. Not much change in temperature.

Oregon: Fair tonight and Friday; fog on coast; cooler east portion tonight. Moderate northwest wind off coast.

Local Data.

Temperature a year ago today: Highest, 85; lowest: 36.

Total monthly precipitation, 0.33 inch.

Excess for the month 0.16 inch.

Total precipitation since September 1, 1937, 0.33 inches.

Excess for the season 0.16 inch.

Relative humidity at 5 p.m. yesterday, 23 per cent; 5 a.m. today, 64 per cent.

Tomorrow: Sunrise, 5:53 a.m. Sunset, 6:18 p.m.

Observations Taken at 5 A. M., 120th Meridian Time

CITY	High Temp Past 24 Hours	Lowest Temp Last Night	Precipitation Past 24 Hours	Weather
Boise	94	54		Clear
Boston	72	60		Clear
Chicago	68	42		Clear
Denver	76	50		Clear
Eureka	60	54		Cloudy
Helena	80	46		Clear
Los Angeles	100	66		Clear
MEDFORD	94	50		Clear
New York	78	62		Cloudy
Omaha	68	40		P. Cdy.
Phoenix	102	74		Clear
Portland	78	56		Clear
Reno	94	48		Clear
Roseburg	84	52		Clear
Salt Lake	90	54		Clear
San Francisco	82	56		Clear
Seattle	74	56		Cloudy
Spokane	90	54		Clear
Washington, D.C.	82	64		Cloudy
Yakima	94	72		Clear

CRIMINALS DON'T FIRE AGAINST 'DEAD SHOTS'

COLORADO SPRINGS, Colo. (AP)—If you are a "dead shot," rarely will you have to "shoot it out" with a desperate criminal.

That is the theory of Maj. W. H. Drane Lester, assistant director of the federal bureau of investigation under J. Edgar Hoover.

"We have had to kill only nine criminals out of 12,000 captured in the last three years," he says. "The criminal, knowing we are capable of protecting our own lives, rarely chooses to shoot it out with us."

Imperial Valley Heat Takes Toll

EL CENTRO, Cal., Sept. 16.—(AP)—Imperial valley's 24th heat fatality, and the fourth during the present hot spell, was recorded here today when the body of George Neilson, 54, a carpenter, was found in bed in his home by John Cikota, a neighbor. Deputy Coroner Herbert Hughes said Neilson was a victim of heat prostration.

WINDOW GLASS—We sell window glass and will replace your broken windows reasonably. Trowbridge Cabinet Works.

FOUR COLONELS GET NEW POSTS AT HIGHER RANK

WASHINGTON, Sept. 16.—(AP)—Four changes in the army high command, necessitated by the imminent retirement of general officers, were made today by President Roosevelt.

He announced the appointment of Colonel Joseph O. Mauborgne, now director of the radio aircraft laboratory at Wright Field, Dayton, Ohio, to succeed Major General James B. Allison as the army's chief signal officer. Allison retires September 30 from active service.

To succeed Major General Edward M. Markham as chief of the engineer corps, the chief executive named Colonel Julian L. Schley, now commandant of the engineers' school at Fort Belvoir, Va. General Markham's regular four-year term of office expires on October 17.

Colonel Allen W. Gullion, acting judge advocate general, was appointed judge advocate general to succeed Major General Arthur W. Brown whose term expires November 30.

Each of these three colonels will serve in their new posts with the rank of major general.

Colonel Walter E. Prosser, now serving as signal officer of the third corps area at Baltimore, was made brigadier general of the line to fill the vacancy in that rank which will be created by the retirement from active duty of Brigadier General Perry L. Miles on October 31.

Birmingham Chosen For Typo Conclave

LOUISVILLE, Ky., Sept. 16.—(AP) The International Typographical union voted today to hold the 1938 session in Birmingham, Ala. The date will be set later.

With a third major address on the American trade union controversy behind, the convention moved into its third day today, a step nearer a decision on future affiliation.

The 375 delegates had before them a second exposition of the case for the Committee for Industrial Organization, studded with criticism of the American Federation of Labor.

Wife Slayer Cheats Hangman By Suicide

SAN QUENTIN, Calif., Sept. 16.—(AP)—Cheating the hangman's noose, Frank Estrada, 45, committeed suicide in his cell in condemned row at the prison today. Estrada was awaiting death on the gallows Friday.

He fashioned a crude rope from strips of his pillow, then climbed on a round stool and tied the noose to a pipe at the top of his cell.

Kicking the stool away, Estrada slowly strangled to death.

He was convicted of shooting his wife at Eureka.

Pierce Pledges Aid To Balance Budget

LA GRANDE, Ore., Sept. 16.—(AP)—Congressman Walter M. Pierce, speaking at the Rotary club luncheon here today, declared that the national budget must be balanced. He pledged himself to vote to curtail all congressional appropriations not absolutely necessary.

Rep. Pierce, touching upon the general business picture, asserted that the trend upward in prices must continue and predicted that this would take place.

Fire Chiefs Plan Roundup Conclave

PENDLETON, Sept. 16.—(AP)—The 1938 state convention of the Oregon Fire Chiefs' association will be held in Pendleton during the three days of next year's Round-Up, according to Jack A. Hayes, deputy state fire marshal, who is here today. Between 300 and 400 delegates are expected.

Hayes is assisting local firemen in checking fire hazards at the local Round-Up grounds, preliminary to the opening of the show today.

The South seas still hold undiscovered islands and islands that have appeared and disappeared as the result of volcanic formations.

Closing time for Too Late to Classify Ads is 1:30 p. m.

OLD KLAMATH CURFEW RINGS OUT AGAIN FOR YOUNGSTERS OF TOWN

KLAMATH FALLS, Sept. 16.—(AP)—A policeman, prowling through the basement of the city hall last Monday night, pulled a dusty bell cord by mistake and a loud peal rang out from the tower three stories above.

The city council, in session at the time, was startled by the unaccustomed noise, then curious. As a result, an old and forgotten city ordinance was revived, and starting tonight, city police will have a new duty and a new law enforcement job . . . ringing the curfew bell and apprehending the city's youthful nighthawks.

The musty ordinance specifies 10 p. m. as the deadline for "children under 18" during the summer months and 9 p. m. during the winter. Exceptions are made for youngsters "in the act of executing a mission of mercy."

Persons over 18 who shall "connive at, aid, abet or assist a child to be upon the streets, alleys or ways of Klamath Falls" after the hours specified will be equally liable to the penalties prescribed in the ordinance.

Hattie Reames White, teacher of piano. High school credits given. Studio, 220 Laurel. Phone 449-M.

GOLD HUNTERS TURN TO DIFFERENT WORK

AUBURN, Cal. (AP)—The army of gold hunters who went into the hills during the depression, partly because gold was $35 an ounce and partly because they had no other jobs, is gradually dwindling.

So says Stuart Schwab, Iowa Hill storekeeper, who used to buy $500 worth of gold dust a week. Now his weekly trade is less than $100.

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FIRESTONE builds a first-quality tire made of top grade materials and sells it for less money because Firestone passes savings along to you in the form of extra values. Firestone controls rubber and cotton supplies at their sources, manufactures with greater efficiency and distributes at lower cost. Because of these economies —

YOU GET EXTRA PROTECTION AGAINST BLOWOUTS—eight extra pounds of rubber are added to every 100 pounds of cord by the Firestone patented Gum-Dipping process. By this process every fiber of every cord in every ply is saturated with liquid rubber. This counteracts dangerous internal friction and heat that ordinarily cause blowouts.

YOU GET EXTRA PROTECTION AGAINST PUNCTURES—because under the tread are two extra layers of Gum-Dipped cords.

YOU GET EXTRA PROTECTION AGAINST SKIDDING—because the tread is scientifically designed.

YOU GET LONGER NON-SKID MILEAGE—because of the extra tough, long-wearing tread.

Make your car tire-safe now for fall and winter driving. Join the Firestone SAVE A LIFE Campaign today by equipping your car with a set of new Firestone Standard Tires — today's top tire value.

DON'T RISK YOUR LIFE ON SMOOTH WORN TIRES!

DO YOU KNOW

THAT last year highway accidents cost the lives of more than 38,000 men, women and children?

That a million more were injured?

THAT more than 40,000 of these deaths and injuries were caused directly by punctures, blowouts and skidding due to smooth, worn, unsafe tires?

At right is a section cut from a smooth, worn tire, with non-skid protection worn off. Tires in this condition are liable to punctures, blowouts and skidding.

At left is section cut from a new Firestone Tire. Note the thick, non-skid protection against skidding, blowouts and punctures. Come in and see a demonstration.

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