

Special Fruit Report Compiled By F. L. Kent, Statistician

The most serious frost damage to fruit in recent years, not in the history of the industry in the Pacific Northwest, occurred during the latter part of the month of April. Owing to a very mild winter and early spring weather fruit as well as other crops developed earlier than usual, and the late April minimum temperatures were lower than usual. The principal damage was done by the frosts that simply frosted occurring around April 23 to 25, although considerable damage was done in some localities by earlier low temperatures. Some of the minimum temperatures reported to the Portland Weather Bureau station during the week of April 21-26 are as follows: Albany, 34; Baker, 22; Eugene, 23; Hermiston, 21; Hood River, 23; 1-22; Marshfield, 28; Medford, 29; Roseburg, 24; Salem, 22; The Dalles, 23; Umatilla, 27. (From Fremont, Lake County, a minimum on April 25, of 2 degrees is reported.) Most of the weather observation stations just mentioned, are located in cities and towns, and do not register quite as low minimums as would be reached in parts of the adjacent territory.

In the western part of both Oregon and Washington the damage does not appear to have been nearly so severe as in the eastern part of the two states. In the Willamette Valley there was considerable damage on the lower lying lands where there was poor drainage, but not much loss on the more rolling lands. In fact, in many instances, on the same farm, there was decided injury on the lower lands, while at only a few feet higher elevation there was apparently no damage.

Information on the Oregon situation has been secured from personal interviews with growers in most of the eastern Oregon and Willamette valley districts, and by correspondence with well-informed individuals in other parts of the state. Notes on the situation in Washington and Idaho have been received from the Agricultural Stationers in the respective states. The situation in each state may be briefly summarized as follows:

Oregon
Apples—Except in Jackson, Josephine and Umatilla counties the damage to apples apparently will not materially reduce the crop from the production of last year. While there was quite a little freezing in some localities, there was also a prospect of a larger crop than last year, due to heavy bloom and very favorable pollination weather. (See Hood River notes.)
Cherries—The low lands of the Willamette valley appear to have had some damage, but elsewhere in the valley the prospect is for a better crop than last year. Over the state generally there has been a rather heavy cherry loss, ranging from 25 to 50 per cent in the principal producing counties and from 30 to 40 per cent in a complete loss in individual orchards.
Pears—The Willamette Valley pear loss does not appear to have been heavy, although more or less damage is reported. In the Medford and Hood River districts, the two principal producing localities, each estimate the loss of pears at 20 to 40 per cent, with the probability of considerable misshapen fruit as a result of freezing. (See county notes.)
Prunes—Damage is spotted in western Oregon, occurring mostly in low land air pockets. On the whole, the present prospects are for a dried crop nearly, if not quite equal to the harvested crop of last year. In the fresh prune shipping sections, particularly the Milton-Freeswater district, the damage was severe, possibly approaching 50 per cent.
Strawberries—The early straw-

berry bloom appears to have been quite generally injured, but a fairly good crop is expected in western Oregon. The Hood River crop appears to have been damaged to the extent of 20 to 25 per cent at least.

Washington
(G. S. Day, Agr. Statistician)
Apples—In the Wenatchee district the freezing occurred in spots and while some areas were severely injured, others escaped with very little damage. The Delicious apples seem to have suffered more than any other variety. The damage to apples in Cle Elum and Douglas counties is probably not over 25 per cent. No report from Okanogan county is available at this time. In the Yakima valley the damage was quite widespread, being the most serious in the lower part of the valley. However, a fair-sized crop is expected; possibly two-thirds the size of the 1923 crop. The Walla Walla district suffered very serious injury, and the district horticultural inspector's preliminary estimate is for 100 cars of apples as compared with about 1200 cars last year. Little frost damage is reported in the Spokane apple district. Around White Salmon and Underwood the Delicious apples show some injury but later varieties indicate a good lot.
Peaches—Eastern Washington peaches suffered quite severely, the Yakima valley reporting the most serious injury. Present indications are for less than one-half as many peaches as were shipped in 1923.
Pears—Injury to pears is reported from both the Wenatchee and Yakima districts, and present outlook is for a crop about three-fourths as large as last year.
Prunes—The prune crop in the Walla Walla district will be very small, due to extreme frost injury. In Clarke county (dried prune district) the prospects are for a fair crop.

Idaho
(J. H. Jacobson, Agr. Statistician)
The last cold snap was April 25 and 26 when the temperature went down to 18 degrees over in Parma, Canyon county. Reports from the inspectors of the State Department of Agriculture indicate that the damage is very spotted. Twin Falls was hard hit, and the damage varied at Weber, Emmett and Lewiston. Our season is late this year or damage would have been much more severe. There is normal danger of frost yet so a report about May 15th will be more reliable.

Details by Districts
These district reports have been obtained from county agents and others well informed on the situation in their respective localities.

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The county has been made quite a bit for the report where practical. It should be understood that these are preliminary estimates, and may be materially modified by later developments in the Hood River valley. This is the first serious damaging frost in the history of commercial fruit growing in this region, and it is held by some that the damage is therefore likely to be over-estimated. Mr. A. F. S. Steele, Gen. Manager of the Hood River Apple Growers' Association, says: "It is my opinion that the estimates of the 1924 fruit crops now being made, will be revised upward throughout the Northwest, as the crops develop a little later in the season." It has been impracticable to get reports from a large number of counties, but the different sections of the state are fairly well represented in the following:

Hood River (Erroy Childs, Stat. Ag. Station)—In summarizing the situation it appears something like this at the present time, with a possible modification upwards rather than decline: Approximately 25 per cent damage to apples, most serious in Delicious and Rose varieties; cherries 50 per cent loss; strawberries 35 per cent; all estimates based on early 1924 prospects rather than on 1923 production. Apple tonnage will undoubtedly equal 1923.

Clatsop (Fred Benton, County Agent)—Hermiston and Stanfield fruit practically all frozen. Milton-Freeswater, 30 to 50 per cent crop. Sunnyside, 15 per cent. State Line 10 per cent. Probably the average for that part of Walla Walla valley in Umatilla county will run between 15 and 20 per cent. Early strawberries and early vegetables are frozen.

Union (Cecil Stackland, Cove)—Cherry damage probably about one-third of the total crop prospect, ranging from no damage in some orchards to 50 per cent in others. Other fruits in the Cove district undamaged. Elsewhere in the county damage to cherries is possible somewhat heavier, and some damage to apples is reported from the Imbler district.

Wasco (C. W. Jaigh, County Agent)—It has been found that practically all of our frost damage is in the low places such as draws and flats where there is no air drainage. There is no considerable damage above an elevation of 2,000 feet.

On this basis it is estimated that fifteen per cent of the cherry crop around The Dalles is killed, 50 per cent at Dufur, and 50 to 75 per cent at Mosier. This means that for the county as a whole, our cherry crop will be about 25 per cent less than the 2,000 tons produced last year. About 20 per cent of this year's apricots suffered frost damage. Peaches and

loss is heavy, in some orchards. Pears: Some killing of fruit, but enough still on trees for a fall crop. Damage on the low lands probably 25 to 40 per cent. Damage almost negligible on higher rolling lands. Strawberries: Early bloom largely killed, but later ones apparently all right. Too early for damage to other berries.

Marion (Earl Peacey, Oregon Growers Assn.)—Apples were not far enough advanced to be materially injured. Cherries show no apparent damage except in "frost pockets." Heavy set in Clatsop generally. Prunes were probably harder hit than cherries, but the damage is mostly confined to the low lands. In the Salem district prospects are for a larger total prune crop than last year. Peaches do not appear to have been damaged except in a few low spots. The early strawberry bloom was considerable damaged.

Malheur (G. H. Broilhaup, County Agent)—It is rather difficult to give definite figures on the amount of damage to fruit in this county as a result of the frosts of a few days ago, but I think that I may say that we have lost practically all of the peaches and sweet cherries, but these are not particularly important here commercially. Our prunes and apples are probably damaged 25 to 50 per cent.

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I feel that we have a commercial loss of from 30 to 40 per cent in the two counties. Apples as well as pears were hit hard, but the peaches and apricots, which are grown near Ashland were not injured, as most of these are grown on higher ground. A great many of the growers feel that a lot of this damaged fruit will grow out and still make good fruit, but I do not believe there is much chance for the stuff that was frozen through to the core.

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A New Coupe by Jewett \$1250



Ideal for Busy Folks
HERE'S the latest personal car. This new Coupe by Jewett seats 3—seat is 45 inches wide. Has deep compartment just back of seat—besides ample luggage space in rear. Think of your joy with Jewett's full 50 h. p. motor and Jewett's dependability. Busy people everywhere will choose this Jewett if they want a car that's a true companion—not mere transportation. See this fascinating car—today!

Touring . \$1065 Sedan . \$1495 De Luxe Touring \$1220
Brougham . 1325 Coupe . 1250 De Luxe Sedan . 1695
PRICES AT DETROIT - TAX EXTRA

TRACY HOLLISTER
1115 Washington Ave.

JEWETT

PAIGE BUILT SIX

What Do You Want In Your Washing Machine?

A Thor--

Answers Your Demand

It Must Do Perfect Work—
The Thor reversing cylinder principle is the most efficient method of washing clothes that clothes washing experts have been able to devise.

And Save Labor—
All you need to do is to put the clothes into the washer and feed them into the wringer. The machine does all the Work.

It Must Save the Clothes—
The inside of the Thor is smooth; no friction of any kind to injure contents. Dainty lingerie or heavy blankets may be washed without the slightest injury.

It Must Be Easy to Operate—
Two handy levers and a push button control the Thor. They are located directly under the right hand of the operator, so that immediate control is had at all times. The machine is just the right height and is equipped with large swivel casters which make it easy to move anywhere.

It Must Be Durable—
The statement that the Thor is the most durable washing machine ever built for home use is the ABSOLUTE truth. The design, workmanship and material used in the machine insure a lifetime of wholly satisfactory service.

Plus Our Guarantee—
These advantages give you everything that could possibly be desired in an electric washer. But we give you one more—Our Guarantee that the machine is ALL that we claim it is. Examine the Thor carefully, for you cannot afford to put your money into anything else when you can get such high efficiency and LIFELONG wear only in the THOR.

Features Which Make Hurley-Thor Supreme
Its principle of washing — the revolving-reversing cylinder — has proved through years of successful application, to be the most efficient and economical.
Cylinder equipped with crossbars which lift and drop the clothes, sending the hot suds swirling in and out and through, until every particle of dirt is removed.
Perfectly smooth inside—saves clothes from harmful washboard wear. Washes the daintiest garments without slightest injury.
Equipped with soft cushion wringer rolls—can't break buttons.
Remarkably simply to operate.
Shaft-driven—no belts to stretch, break or slip off pulleys.
It is trouble-proof—cost of upkeep is negligible.
It is safe—all moving parts enclosed.
Easy time payments enable you to enjoy NOW, all of the comforts and saving which the Thor-25 provides. Arrange to have it delivered to your home today and make a small first payment.
Your savings the first year — in laundry bills or laundresses' wages; in time, labor and wear and tear on your clothes—will more than pay for the machine.

\$5.00