

The Times-Herald.

BURNS, HARNEY COUNTY, OREGON, NOVEMBER 14, 1914

SEASON'S RESULTS AT EXPERIMENT FARM

Unfavorable Weather Conditions Make Average Yield Very Low. Frost Caught Much Grain in Boot and Poor Showing in Threshing Result. Dates of Seeding Cause of Damage

BY L. R. BREITHAUP. NOV. 6, 1914—All winter grains came up and made excellent stands in the fall of 1913. The unusually mild winter following resulted in full stands of all the winter grain, even barley and emmer, in the spring of 1914. An unusual amount of moisture had been taken up by the soil during the winter because of the soil having been little frozen. All conditions seemed to give early promise of good yields from the winter cereals. However, the extremely early spring caused early heading of these grains which, as all experienced growers of winter wheat on the valley floors of this county know, increases the risk of loss by the frosting of heads both in and out of the boot in the month of June.

Upon the occasion of the severe freezing weather on the 4th and 5th of June, very considerable damage was done to all the winter grains and particularly to the winter barleys which were more advanced than the wheats and the emmer. The damage done at this time was increased about two weeks later by another, the lighter frost. Altogether, there was a loss from this source varying from 35 to 80 percent among the varieties of winter wheat and upward of 90 per cent of the barleys and emmer. This, of course, since the damage done varied with the location of the plots, makes it difficult to compute comparative yields and really makes the results much less accurate than had the year been normal.

The following results are given and should be taken for what they are worth, bearing in mind the conditions under which they were obtained. Yields are given in the order of the highest computed yields. By computed yields, is meant a comparative yield of all the varieties grown, as obtained by use of "check

plots" for determining the variation from the average in soil etc under which each variety grew. Yields given in bushels per acre.

Variety	Actual Yield	Compu'd Yield
Winter Wheat	16.00	13.94
Weisenberg	16.66	13.88
Turkey, 1558	19.33	13.47
Karkov	12.00	13.30
Turkey, 2223	17.00	12.34
Crimean	9.33	12.08
Pesterboden	13.66	10.81
Bebolina	12.33	10.61
Turkey, 2998	14.00	10.60
Alberta Red	14.66	10.32
Turkey, local	15.33	10.27
Deel's Med.	10.00	9.69
Turkey, local	9.03	9.03
Koffoid	5.66	4.38
Prohibition	4.66	4.27
* Average of five plots.		
Winter Barley	4.20	5.34*
Utah Winter	.88	1.29
Tennessee Winter	.83	1.29
* Sown March 16.		
Winter Emmer	2.66	4.13
Black Winter	2.75	3.67*
* Sown March 16.		

Experiments were made with the harrowing of winter wheat in the spring which resulted in a gain of about .75 bushel per acre for the harrowed land. This is small, yet, considering that the frost hit these plots very hard, it is a gain of about 35 per cent in yield which, if it applied to a real yield would mean considerably.

The First National Bank of Canby opened its doors for the first time last week. The bank is financed by officers of the Canby State Bank and other residents of Clackamas County.

Eugene is going to build a new Armory and bonds for that purpose to the amount of \$25,000, running ten years, were sold last week at par with accrued interest.

J. B. Euton, a cattle buyer from Texas has been visiting various portions of the Willamette Valley recently buying cattle for shipment to Texas. Shipments of butter to Chicago and cattle to Texas would indicate that Oregon's position as a dairy country is becoming well established.

The milk condensery at Newburg has resumed operations after having been temporarily closed on account of fire. It is taking all the milk from about 1000 cows, sending its wagons into the country for a distance of ten miles. It disburses an average of \$5000 per month to the farmers and dairymen.

Catholic Church.

- On Sundays and Holy days of obligation Holy Mass with sermon at 10 a. m.
- On week days Holy Mass at 6:30 a. m.

All other services, besides those mentioned above will be announced in church.

All invited and welcome to the divine services.

Sick-calls promptly answered at anytime. Religious information and instructions willingly imparted at the Franciscan Residence.

Dependency Due to Indigestion.

It is not at all surprising that persons who have indigestion become discouraged and despondent. Here are a few words of hope and cheer for them by Mrs. Blanche Bowers, Indiana, Pa. "For years my digestion was so poor that I could only eat the lightest foods. I tried everything that I heard of to get relief, but not until about a year ago when I saw Chamberlain's Tablets advertised and got a bottle of them, did I find the right treatment. I soon began to improve, and since taking a few bottles of them my digestion is fine." For sale by all dealers.

Dry cleaning and pressing at the Burns Stage.

For Good Cigars go to The Rexall Drug Store

We have the following brands:

Gato, Optimo, La Gamita, Triumph, Chancellor, American, El-Side-o, Don Antenio, Muriel, and also a full line of popular 5 cent Cigars.

We can also supply your wants in
PIPES, CIGARETTES, CHEWING AND
SMOKING TOBACCO

REED BROS. Proprs.

The Burns Hospital

MRS. ETTA CUMMINS, Prop.

Best Surgical Room and Equipment
in the State Outside of Portland.

Nice Rooms, Good Care and Com-
fort for Patients--Reasonable Terms

Graduated Nurse in Charge

yet be possible that spring seeding of winter wheat will be found practicable for seasons that permit seeding by the first of March. Late spring seeding of any winter grain is sure to fail.

LATEST DEVELOPMENT LEAGUE NOTES

(From Our Portland Correspondent)

One of the industries of Oregon which has an opportunity to make a special growth at this time, owing to war conditions in Europe, is the flax industry. Dr. B. A. Pierce, chairman of the Oregon flax committee, has recently written to the promotion department of the Portland Commercial Club inviting its participation in this movement. He calls attention to the fact that the known flax producing area of the world is comparatively small; that under present conditions it is unlikely that any considerable amount of flax will be raised in Belgium, Ireland or Russia and that it will devolve upon the United States to furnish the greater part of the fiber needed within the next few years. It is well known that the Willamette Valley and other parts of Oregon can produce flax fiber equal to the very best European product and he believes that this is Oregon's opportunity to attract the attention of the world by her flax production. In the vicinity of Salem it has been demonstrated that one acre of flax will produce from 500 to 600 pounds of clean fiber which at present prices should make this crop as profitable as anything the farmers can raise.

Within the last few days steps have been taken to build an electric line between Astoria and Seaside. It is believed that the necessary right of way can be secured practically without cost and that work on the line will be commenced within a short time.

The First National Bank of Canby opened its doors for the first time last week. The bank is financed by officers of the Canby State Bank and other residents of Clackamas County.

Experiments were made with winter wheat sown early in the spring, these resulted in an average yield of two bushels per acre less than the same varieties given when planted in the fall.

These tests were also made on several demonstration tracts and, with the exception of the test at Harriman, all showed in favor of the fall seeding. However, the test at Harriman showed very much in favor of the spring seeding. The Harriman test was the earliest seeded of all and it may

COMPLETE RETURNS OF NOV. 3 ELECTION

Official Count Made Last Monday Did Not Affect General Results Unless Possibly Death Penalty, Which is Very Close in State. Withycombe Carries Harney County by 13

County Clerk Hughet, assisted by Justices Patterson and Hoffeditz officially canvassed the election returns last Monday and the total vote on the several candidates and measures follow:

REPRESENTATIVE IN CONGRESS.
Geo. L. Cleaver, prohi..... 430
Sam Evans, dem..... 557
N. J. Sinnott..... 940
U. S. Senator—
R. A. Booth, rep..... 350
Geo. E. Chamberlain, dem..... 315
William Hanley, prog..... 939
B. F. Ramp, soc..... 132
H. S. Stine, prohi..... 40

STATE

Governor—
F. M. Gill, prog..... 53
Will E. Purdy, non-par..... 20
C. J. Smith, dem..... 917
W. J. Smith, soc..... 211
W. S. U'Ren, ind..... 55
James Withycombe, rep..... 930

FOR STATE TREASURER—

Thos. B. Kay, rep-prop..... 1124
B. Lee Paget, dem-prohi..... 655
C. J. Sloop, soc..... 226

JUSTICE OF THE SUPREME COURT—

Henry J. Bean, rep-prog..... 808
Henry L. Benson, rep-prop..... 864
C. J. Bright, prohi..... 301
T. H. Crawford, dem..... 681
Wm. Galloway, dem..... 616

Lawrence T. Harris, rep-prop..... 682

Addison G. Hotchkiss, soc..... 216

Thomas A. McBride, rep-prop..... 738

Chas. H. Otten, soc..... 194

Wm. M. Ramsey, dem-prohi..... 392

David Robinson, soc..... 201

W. T. Slater, dem..... 478

Attorney General—

George M. Brown, rep..... 964

J. E. Hosmer, soc..... 238

John A. Jeffrey, dem..... 725

Wm. P. Lord, prog..... 112

Supt. of Public Instruction—

A. H. Burton, prog-prohi..... 310

J. A. Churchill, rep-dem..... 1324

Flora I. Foreman, soc..... 279

State Engineer—

John H. Lewis, rep-dem..... 1522

Commissioner of Labor Statistics and Inspector of Factories and Workshops—

O. P. Hoff, rep-dem..... 1397

Stanfield MacDonald, prog..... 194

August Nikula, soc..... 261

Commissioner of the Railroad Commission of Oregon—

Frank J. Miller, rep-dem-prog..... 1545

I. O. Peurula, soc..... 279

DISTRICT

Surerentend of Water Division Number Two—

Geo. T. Cochrane, rep-dem-prog..... 1502

Representative, Twenty-seventh Representative District—

Frank Davey, rep..... 1180

W. F. Homan, dem..... 609

J. Edwin Johnson, soc..... 287

COUNTY

County Judge—

W. S. Haley, soc..... 257

John R. Jenkins, dem..... 865

H. C. Levens, rep..... 995

County Commissioner—

C. T. Cary, dem..... 642

C. D. Howard, soc..... 266

W. H. Robins, rep..... 1197

County Sheriff—

Chas. Backus, soc..... 156

W. A. Goodman, rep..... 1378

A. K. Richardson, dem..... 734

County Clerk—

E. L. Beede, soc..... 188

J. O. Cawfield, dem..... 653

R. T. Hughett, rep..... 1346

County Treasurer—

Frances Clark, dem..... 884

R. A. Miller, rep..... 1056

W. H. Reichert, soc..... 191

County Surveyor—

Chas. E. Beery, dem..... 731

Van B. Embree, soc..... 232

Frank P. Gowen, rep..... 1169

County Coroner—

G. W. Clevenger, rep-dem..... 1524

Dr. T. L. Harrison, soc..... 454

MEASURES

Citizenship—yes 1211; no 313.

Lieutenant-Governor—yes 522;

County Coroner—

D. W. Clevenger, rep-dem..... 1524

Dr. T. L. Harrison, soc..... 454

THE OTHER TYPE: they do the turning.