

FARM COLUMN

Corn Germination

Cut One-Half by Cold

Oregon Agricultural College, Corvallis.—Germination of a small lot of corn was cut down one-half by the late cold snap, as shown by rate tests by the O. A. C. farm department. This lot was sown by students, and after hanging in the open a short time gave a germination test of 85 per cent. After the severe cold spell the same lot tested but 35 per cent, with a lot of that weak and unfit for

It is clearly shown that corn not thoroughly dried out is killed by hanging, and every farmer will find it profitable to make germination tests of his seed corn before planting this spring," says John R. Nevius, director in farm crops.

The "rag doll" tester is recommended as the most satisfactory for practice. It is made as follows:

Take a strip of cotton flannel 10 inches wide and 3 to 4 feet long. Draw heavy pencil marks across the flannel side three inches apart, the four inches from one end. Draw a line along the center lengthwise. Number the spaces, the first 1 and 2.

Number the ears to be tested with same numbers the spaces have. Place 6 to 10 kernels from each ear in spaces of same number.

Begin at shorter end and roll cloth around a small stick, securing in center with string or rubber band. Soak in water 10 minutes in lukewarm water and put in living room temperature. Examine in six days and record all ears showing low germination.

of Feeding Lice

Cuts Down Pork Profit.

Oregon Agricultural College, Corvallis.—The cost of feeding lice on hogs runs from \$1 to \$2.94 for every pound of pork produced—may be more.

That anybody wants to feed lice on hogs. Oh no. But since lice often come on a company or as company with them they have to be fed unless got rid of.

Lice feed costs on a lot of hogs fed by the O. A. C. and husbandry department were a good deal more than the cost of pork for each 100 pounds of pork produced. On cross-bred animals the type the added lice cost \$1.50. On a mixed lot of Duroc, Poland Chinas and Hampshires \$2.84. And these hogs in all cases are said to have made a profit showing that they would have made a profit under average farm conditions.

Lousy pigs were uneasy and spent most of their time scratching and running around. The lice-infested animals were contented and

the protein was required by the infested animals, and this is a very expensive food. Its increased cost said to have indicated that the lice sucked blood to the extent that the pigs craved additional protein like good the loss.

The control would have been better.

Use of garden left-overs such as cabbage, kale and mustard, turnips, parsnips, etc.—may be quickly made by a little salad in the St. Helens Mist," the O. A. C. Press Bulletin. It would give your neighbor something mighty good for him, cut the high cost of living, and supply kiddies with a pretty penny.

Chronic Constipation.

There are people who never have a movement of the bowels without it is caused by a cathartic. Most of them have brought that condition on themselves by the use of mineral salts and strong cathartics that take much water out of the system and aggravate the disease they are at to relieve. A mild laxative like Chamberlain's Tablets affords a gentle movement of the bowels that you hardly realize has been caused by medicine, and their use is so likely to be followed by constipation.

For certain results at a small cost there is nothing can equal a Want Ad.

DIAMOND QUALITY SEEDS

For 1920
Plant Only
the Best



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PORTLAND SEED CO.

STATEMENT OF ASSESSMENT AND TAX ROLL, COLUMBIA COUNTY, OREGON, 1920. BASED ON ASSESSED VALUATIONS EXTENDED ON ASSESSMENT ROLL FOR THE YEAR 1919.

SUMMARY OF ASSESSMENT ROLL OF COLUMBIA COUNTY, STATE OF OREGON, FOR THE YEAR, 1919.

Assessed valuation made by Assessor and equalized by County Board of Equalization.....\$11,351,415.00
Valuation of Public Service Corporation property assessed by State Tax Commission.....1,948,950.00

Total assessed valuation on which taxes are to be collected by Sheriff and Tax Collector.....\$13,300,365.00
Assessed valuation of unsecured personal on which taxes amounting to \$5,895.93, has been collected and turned in to County Treasurer.....159,305.00

Total assessed valuation of all taxable property.....\$13,459,670.00

Classification of property	Number	Value
Acres of cultivated land.....	14,000.00	\$ 828,475.00
Acres of noncultivable land.....	241,817.00	2,935,915.00
Acres of timber land.....	140,756.00	4,613,215.00
Acres of all lands.....	396,509.00	\$8,375,605.00
Improvements on deeded lands.....		524,555.00
Town and City lots.....		579,040.00
Improvements on Town and City lots.....		612,965.00
Railroads, miles.....	131	1,858,140.00
Logging railroads, miles.....	51	328,915.00
Express Companies.....	53	9,730.00
Telegraph and telephones.....	2,199	60,795.00
Electric light systems.....	24	20,285.00
Boats, machinery, etc.....		457,470.00
Merchandise and stock in trade.....		135,345.00
Automobiles, farm implements, etc.....		146,850.00
Money, notes and accounts.....		2,880.00
Shares of Bank stocks.....	1,400	68,920.00
Hotels and office furniture.....		19,990.00
Horses and mules.....	1,897	68,480.00
Cattle.....	7,742	163,365.00
Sheep and goats.....	1,699	8,525.00
Swine.....	1,438	11,860.00
Dogs.....	595	5,955.00
Total assessed value of all taxable property.....		\$13,459,670.00

STATEMENT OF TAXES LEVIED FOR THE YEAR 1920.

Valuation	Levy in Mills	Amount
General Fund—		
Valuation \$13,300,365.00		
Roads and Highways.....	3.207	\$ 42,654.27
Indigent Soldiers and Sailors.....	.020	266.00
Library.....	.033	438.91
State Tax.....	4.838	64,347.17
School Tax.....	3.165	42,095.66
County.....	4.237	56,353.85
Total for General Fund.....	15.50	\$206,155.66

Rd. Dist.	Value placed by Assessor	Public Utility	Total Value	Levy in Mills	Special Rd. Dist. Tax
1	\$ 817,800.00	\$ 196,845.00	\$ 1,014,645.00	4.70	\$ 4,768.33
2	452,310.00	88,400.00	540,710.00		
3	1,197,375.00	132,835.00	1,330,210.00	9.80	13,036.06
4	936,020.00	158,605.00	1,094,625.00	6.40	7,005.60
5	958,310.00	110,685.00	1,068,995.00	5.00	5,344.97
6	1,007,665.00	346,690.00	1,354,355.00	10.00	13,543.55
7	1,085,830.00	501,870.00	1,587,700.00	10.00	15,877.00
8	1,236,270.00	196,180.00	1,432,450.00	10.00	14,324.50
9	1,791,975.00	560.00	1,792,535.00	10.00	17,925.35
10	210,755.00	39,885.00	250,640.00	10.00	2,506.40
11	195,670.00		195,670.00		
12	776,430.00	57,555.00	833,985.00		
13	28,430.00	25,970.00	54,400.00		
14	453,220.00	87,160.00	540,380.00	8.30	4,485.15
15	177,315.00	5,690.00	183,005.00	10.00	1,830.05
16	26,040.00	20.00	26,060.00		
Total	\$11,351,415.00	\$1,948,950.00	\$13,300,365.00		\$100,647.45

School Dist.	Value placed by Assessor	Public Utility	Total Value	Levy in Mills	Spec. Schl. Dist. Tax	H. S. Union Tuition Tax	H. S. Union Levy
1	\$ 680,145.	\$ 189,000.	\$ 869,145.	15.40	\$ 13,384.83		
2	1,094,545.	101,830.	1,196,375.	28.50	34,096.69		
3	320,515.	158,335.	478,850.	9.10	4,357.53	\$ 478.85	
4	92,920.	1,050.	94,020.	6.70	629.93	94.02	
5	464,005.	93,335.	557,340.	15.00	8,360.10		
6	72,095.		72,095.	13.00	937.24	72.10	
7	471,755.	115,705.	587,460.	2.50	1,468.65	587.46	
7Jt	73,820.	8,085.	81,905.	18.20	1,490.67	81.91	
9	85,255.	55.	85,310.	18.00	1,535.58	85.31	
10	70,135.	150,940.	221,075.	4.10	906.40	221.08	
11	205,955.	68,695.	274,650.	3.30	906.35	274.65	
12	92,775.	40.	92,815.	16.70	1,049.01	92.82	
13	546,125.	273,860.	819,985.	33.00	27,059.51		
14	235,335.	220.	235,555.	4.60	1,083.55		1,743.11
15	96,815.	200.	97,015.	5.20	504.48	97.01	
16	89,515.	170.	89,685.	13.40	1,201.78	89.69	
18	109,210.		109,210.	5.40	589.73	109.21	
19	46,870.	20.	46,890.			46.89	
20	125,345.	100,925.	226,270.	8.40	1,900.75	226.28	
21	102,240.	39,885.	142,125.	10.60	1,506.52	142.12	
22	747,345.	360.	747,705.	3.00	2,243.11	747.70	
23	104,185.	81,270.	185,455.	16.80	3,115.64	185.46	
25	156,810.	95,615.	252,425.	13.20	3,332.01	252.42	
26	286,195.		286,195.	4.10	1,173.40	286.19	
27	73,650.		73,650.	10.50	773.32		545.01
28	137,465.		137,465.	3.00	412.39	137.46	
29	73,925.	97,175.	171,100.	12.20	2,087.42	171.10	
30	199,720.	115.	199,835.	15.50	3,086.60	199.84	
31	139,665.	80.	139,745.	8.60	1,201.81	139.74	
32	145,375.	1,145.	146,520.	4.30	630.04	146.52	
33	44,490.	40.	44,530.	21.20	944.03	44.53	
34	216,020.	275.	216,295.			216.30	
35	22,085.		22,085.	40.00	883.40	22.09	
36	46,110.	27,920.	74,030.	10.50	777.31	74.03	
37	658,670.	55.	658,725.	4.00	2,634.90	658.72	
38	146,945.		146,945.	14.30	2,101.31	146.95	
39	45,870.	90.	45,960.	7.00	321.72	45.96	
40	543,080.		543,080.	3.70	2,009.40	543.08	
42	503,250.	195,375.	698,625.	7.80	5,519.14	698.62	
43	245,775.		245,775.	7.20	1,769.58	192.61	393.42
44	39,850.		39,850.			39.85	
45	132,140.	50.	132,190.	20.80	2,749.55	132.19	
47	484,225.	90.	484,315.	12.10	5,860.21		3,583.93
48	72,955.	38,575.	111,530.	4.00	446.12	111.53	
49	167,715.	175.	167,890.	10.00	1,678.90	167.89	
50	57,360.	15.	57,375.	6.60	378.68	57.38	
52	236,230.	305.	236,535.	7.20	1,703.05	236.53	
53	174,290.		174,290.			174.29	
54	95,650.	150.	95,800.	5.50	526.90	95.80	
55	174,445.		174,445.	4.80	837.34		1,290.89
56	135,200.	107,715.	242,915.	2.60	631.58	242.91	
Total	\$11,351,415.	\$1,948,950.	\$13,300,365.		\$152,798.16	\$8,836.39	\$7,556.36

Road Fund—

	Valuation	Levy in Mills	Tax
General Road Fund.....	\$13,300,365.00	3.00	\$39,901.10
Market Road Fund.....	13,300,365.00	2.00	26,600.73

District Road Fund—

District No.	Valuation	Levy in Mills	Tax
1	\$ 1,014,645.00	7.00	\$ 7,102.62
2	540,710.00		3,784.97
3	1,330,210.00		9,311.47
4	1,094,625.00		7,603.37
5	1,068,995.00		7,482.96
6	1,354,355.00		9,480.48
7	1,587,700.00		11,113.90
8	1,432,450.00		10,027.15
9	1,792,535.00		12,547.75
10	250,640.00		1,754.43
11	195,670.00		1,369.69

District No. 12	833,985.00		5,837.90
District No. 13	54,400.00		380.80
District No. 14	540,380.00		3,782.66
District No. 15	183,005.00		1,281.03
District No. 16	26,060.00		182.42
Total General Road Fund.....	\$13,300,365.00	12.00	\$159,604.38

Special City Tax—

City	Value Placed by Assessor	Public Utility	Total Value	Levy in Mills	T't'l C'y. Tax
Clatskanie	\$ 177,315.00	\$ 5,690.00	\$ 183,005.00	17.40	\$ 3,184.29
Goble	28,430.00	25,970.00	54,400.00		
Rainier	453,220.00	87,160.00	540,380.00	10.60	5,788.02
St. Helens	776,430.00	57,555.00	833,985.00	14.90	12,426.37
Vernonia	26,040.00	20.00	26,060.00	8.80	229.32
Total	\$1,461,435.00	\$176,395.00	\$1,637,830.00		\$21,568.01

Drainage District Tax—

Beaver Drainage Dist.....	5,704.79 acres	\$5.776 per acre	\$32,950.87
Magruder Drainage Dist.....	601.55 acres	\$2.00 per acre	1,203.10
Fire Patrol	21,900.00 acres	0.046 per acre	1,007.22

GENERAL SUMMARY

General Tax.....	\$206,155.66
General Road Tax.....	159,604.38
Special Road District Tax.....	100,647.46
Special City Tax.....	21,568.01
Special School District Tax.....	152,798.16
High School Tuition Tax.....	8,836.39
Union High School District No. 1 Tax.....	7,556.36
Beaver Drainage District Tax.....	32,950.87
Magruder Drainage District Tax.....	1,203.10
Fire Patrol	\$691,320.39
Total amount to be collected.....	\$692,327.61
Amount collected by Assessor on unsecured personal property.....	5,895.93
Total amount of Tax on 1919 assessment roll.....	\$698,223.54
Total amount of Tax on 1918 assessment roll.....	489,087.09
43 per cent. increase.	

I, C. W. Blakesley, Assessor of Columbia County, State of Oregon, do hereby certify that the above statements are true and correct, as I verily believe.

C. W. BLAKESLEY,
County Assessor.

Dated this 20th day of February, 1920.

Warrant attached and turned over to Sheriff for collection, February 14th, 1920.

SILVERWARE

We have a large assortment in both Rogers and Community. Sets and single pieces. Silverware has advanced 20 per cent. We will sell at the old price as long as our stock lasts. If you are thinking of buying silverware, we would advise you to supply your wants now.

VON A. GRAY