

The TILLAMOOK HEADLIGHT

Makes Clubbing Arrangement With

The Oregon Farmer

Offers Unusual Opportunity to Its Readers

AMONG our large circle of readers there are a great many who are interested directly or indirectly in fruit growing, dairying and other branches of farming. All of these naturally wish to keep in close touch with agricultural activities throughout the state; and to know about any fight which is being waged for the measures Oregon farmers want and against all sorts of schemes that are detrimental to the people and agricultural interests of this state.

We have, therefore, made a special clubbing arrangement with THE OREGON FARMER whereby any farmer or fruitgrower, who is one of our regular subscribers and who is not now a subscriber to THE OREGON FARMER, will be entitled to receive THE OREGON FARMER in combination with this paper at the same rate as for this paper alone.

This offer applies to all those who renew or extend their subscriptions as well as to all new subscribers. If you are interested directly or indirectly in Oregon agriculture, do not miss this unusual opportunity, but send your order in now.

THE OREGON FARMER is the one farm paper which is devoting itself exclusively to the farming activities and interests of Oregon. It has a big organization gathering the news of importance to farmers, dairymen, fruitgrowers, stockraisers and poultrymen; and it has the backbone to attack wrongful methods and combinations and bad legislation, and support honest leaders and beneficial measures. We are confident that our readers will congratulate us on our being able to make this splendid and attractive clubbing offer.

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The Patent Pouch keeps it Fresh and Clean and Good—It is not Real Gravelly without this Protection Seal
 Established 1831

First Class Job Printing at Headlight Office.

Agricultural News Notes.

By R. C. Jones County Agent.

Report of the Nestucca Cow Testing Association for the Month of May.

The highest production herd of the month of May was that owned by A. Haedinger, 33 grade Holstein cows, producing 30,426 lbs. milk and 33.6 lbs. fat per cow.

The high cow was a grade Holstein, Bob, owned by O. A. Jackson and produced 2014 lbs. milk containing 70.5 lbs. fat. The second highest was the grade Jersey, Cream, owned by Wm. Glick and produced 1128 lbs. milk and 66.6 lbs. fat.

461 cows were tested during May producing 386,610 lbs. milk containing 14,285.1 lbs. fat. The cows producing over 40 lbs. are as follows:

Owner and name of cow	Milk	Fat
Walter Affolter, Mable	1218	3.7
Fred Affolter, Flossie	1116	4.1
Fred Affolter, Rachel	1085	4.0
Fred Affolter, Millie	899	4.8
Wm. Glick, Cream	1128	5.9
Wm. Glick, Pet	924	4.5
J. L. Lawrence, Lady	831	5.0
M. N. Bays, Low	825	5.0
M. N. Bays, Minnie	858	4.7
M. N. Bays, Midget	1059	5.5
M. N. Bays, Toots	987	4.2
M. N. Bays, Strawberry	1143	3.9
M. N. Bays, Susie	1107	4.2
Hurliman & Sons, No. 1	1215	4.0
Hurliman & Sons, No. 2	1179	3.6
Hurliman & Sons, No. 6	1032	3.9
Hurliman & Sons, No. 12	1038	4.4
Hurliman & Sons, No. 14	987	4.0
Hurliman & Sons, No. 18	1083	3.9
Hurliman & Sons, No. 20	1239	3.7
Hurliman & Sons, No. 22	1200	3.8
Hurliman & Sons, No. 33	1275	3.2
Hurliman & Sons, No. 34	1052	5.2
Geo. Ethel, Meda	1218	4.7
Geo. Ethel, Pear	1215	3.4
Geo. Ethel, Helen	891	5.0
Geo. Ethel, Fern	726	6.0
Gale Glick, Pip	807	5.1
Gale Glick, Dainty	1344	3.5
Gale Glick, Nussance	1257	3.6
A. O. Jackson, Bob	2014	3.5
A. O. Jackson, Bell	1314	3.6
A. O. Jackson, May	1140	3.8
A. O. Jackson, Nell	1224	3.3
A. O. Jackson, Pet	1104	4.0
C. A. Saling, Nig	1392	3.4
W. Clent King, Dode	855	5.2
W. Clent King, July	795	5.2
W. Clent King, Whiffitt	882	5.3
W. Clent King, Violet	768	6.2
W. Clent King, Butter Cup	795	5.1
W. Clent King, Pansy	699	6.3
W. Clent King, Dew Drop	1002	5.2
W. Clent King, Bill	756	5.3
H. S. Davidson, Fawn	957	4.5
C. McKillip, Julia	1107	4.1
C. McKillip, Claude	1050	3.9
C. McKillip, June	1164	3.8
C. McKillip, Annie	1278	3.9
N. P. Hansen, Young Cow	1167	3.5
N. P. Hansen, Millie	963	4.5
N. P. Hansen, Topsy	1419	3.1
N. P. Hansen, Beauty	1136	3.7
N. P. Hansen, Crook Nose	1236	3.6
N. P. Hansen, Nigger	1029	4.4
Joe Price, Toots	843	5.0
Joe Price, Pet	849	5.0
Joe Price, Daisy	990	4.2
Joe Price, Blue Bell	1083	4.0
Joe Price, Red	1017	4.4
F. R. Beals, Fatty	1206	3.4
F. R. Beals, Speck	1416	3.4
Frank VonEuw, No. 30	1392	4.2
Frank VonEuw, No. 37	1083	4.6
Frank VonEuw, No. 25	1980	4.7
Frank VonEuw, No. 24	1281	3.2
Frank VonEuw, No. 23	951	4.3
Frank VonEuw, No. 20	1161	4.0
Frank VonEuw, No. 17	1119	3.6
Frank VonEuw, No. 4	1272	4.3
Frank VonEuw, No. 1	1230	4.0
C. McKillip, Connie	1011	4.4
C. McKillip, Brownie	945	4.6
C. McKillip, Blue	837	5.3
Joe Betchart, Jersey	1119	3.6
Joe Betchart, Spot	1317	3.6
Joe Betchart, Guernsey	1008	4.8
Joe Betchart, Blackie	1449	4.0
Joe Betchart, Kicker	1434	4.0
Joe Betchart, Pied	1386	3.2
Joe Betchart, Poor	1005	4.1
Joe Betchart, Brownie	1053	3.9
F. R. Beals, Von	1533	3.7
F. R. Beals, Aggie	1806	2.9
F. R. Beals, Lagg	1356	3.2
F. R. Beals, Punch	1314	3.1
F. R. Beals, Curley	1307	3.7
F. R. Beals, Blue	1353	3.4
F. R. Beals, Juda	1176	4.4
H. S. Davidson, Nigger	1080	3.8
H. S. Davidson, Topsy	1011	4.1

Control of Insect Pests.

Cutworms are the young of a number of species of brown furry worms. About midsummer the full grown cut worms burrow into the ground to change to pupae, which soon transforms to moths. The moth lays their eggs on lower leaves of grasses. The young worms feed on the grasses during the fall and in the winter burrow into the ground for protection. In the spring the worms come out of the ground and attack almost any young plants they find on the surface. They feed at night, cutting off the stems close above the roots, and hide away in loose earth or under rubbish during the day. Later in the season they climb the stalks at night and feed on the leaves.

Control: The best remedy for cutworms is poisoned bean bait made as follows: Thoroughly mix 50 pounds of bran, 2 pounds of Paris Green and 6 finely chopped lemons. Stir to a stiff dough with low grade molasses diluted with enough water to mix well with the bran. Scatter sparingly in small lumps around bases of plants and over entire field. Grasslands are most liable to infestation by cutworms and if intended for corn or other crops should be plowed the preceding summer to destroy the grasses as a breeding place for moths. Beware of poisoning poultry. The worms prefer the bean bait to the plants. Since they usually hide before

they die the dead ones will seldom be seen.

Cabbage Maggot.

The cabbage or radish maggot is easily controlled, or prevented in small garden beds by screening with cheese cloth or mosquito netting thus keeping off the fly that lays the eggs. Under field conditions it is much more difficult. The tar paper tise is effective on cabbage plants when transplanting. Some use sulphur and tobacco dust to good advantage. This is used with four parts sulphur and 1 part tobacco dust, scattering along the rows or drills. Some report good results from sprinkling with stock dip. This acts as a repellent to the flies.

Cabbage Worms.

Many do not like to use arsenic on the cabbage heads for fear of poisoning themselves as well as the worms. For these, the following remedies are worth trying:

1. Mix wood ashes and fine salt in equal parts and scatter handful of the mixture to each head.

2. Dust each head lightly with dry air slacked lime. Repeat frequently.

Final Spelling Contest.

Pupils who received 100 per cent in each of the four spelling contests, and those who received 100 per cent in the final contest, were awarded championship diplomas.

Pupils who received between 94 and 100 per cent in the final contest were awarded certificates of merit.

Dist. No. 1—Championship diplomas, Beulah Hamant, Walter Houshing with George Trowbridge, Charles Thomas, Mabel Anderson, Willie Lucas, Ruby Anderson, Henrietta Jenkins, Lolita Johnson, Pearl Hughey.

Certificates of merit, Elmer Elstrom, Mildred Johnson.

Dist. No. 2—Certificates of merit, Lailah Maroff, Viola Johnson, Florence Stranahan, Orvel Johnson.

Dist. No. 8—Championship diplomas, Thelma Ayer, Ralph Davidson, Florence Dyke, Noah Richards, Myrtle McCleay, Sewell Ayer, Allen Gilbert, Jean Wilson.

Certificates of merit, Emma Fisher, Willie McClay, Lulu McClay, Catherine Tingley.

Dist. No. 10—Championship Diplomas, Anna Farnstrom, Ernest Zuercher, Florence Zuercher, Hattie Zuercher, Christina Olson, Mildred Glad, Catherine Smith.

Certificates of Merit—Beatrice Hartwell, Elizabeth Zuercher.

Dist. No. 11—Certificates of merit, Harry Crawford, Earl Miner.

Dist. No. 12—Certificates of merit, Earl Blackburn, Homer Blum.

Dist. No. 15—Certificates of Merit, Hannah Zuercher.

Dist. No. 16—Certificates of merit, Steve Howell.

Dist. No. 17—Championship diplomas, Marjory Chance, Louise Himes, Bernice Himes.

Certificates of merit, Ralph Chance.

Dist. No. 19—Championship diplomas, Mable Dunn, Vyola Wilson, Certificate of merit, Edna White.

Dist. No. 21—Certificate of merit, Mary Ward.

Dist. No. 22—Championship diploma, Estella Imlah.

Dist. No. 24—Championship diploma, Mildred Willford.

Certificate of merit, Wendell Lommen, Alice Daniel, Roy Daniel.

Dist. No. 25—Championship diplomas, Mary Landolt, Frank Landolt, Edith Wilkes, Hazel Wilkes.

Dist. No. 27—Certificate of merit, Gertie Doering.

Dist. No. 31—Championship diplomas, Hazel Bodle, Winifred Brace, Edward Baier, Orrin Hess.

Certificate of merit, Catherine Proovost, Myrtle Sandberg, Porter DeAtley, Cecil Wilkins, Harvey Maddux.

Dist. No. 33—Championship diplomas, Clyde Buckles, Lyle Simmons, Certificates of merit, Marie Mayer.

Dist. No. 36—Certificate of merit—Raymond O'Neil.

Dist. No. 37, Championship diploma, Albert Aufermauer.

Certificate of merit—Leslie Kellow.

Dist. No. 38—Championship diploma, Delia Vaughn.

Certificates of merit—Bessie Thomas, Gladys Kodak, Erna Vaughn, William Driscoll, Terry Long.

Dist. No. 39—Championship diplomas, Vivian Tohl, Helen Miller.

Dist. No. 42—Championship diploma, Verna Goldsmith.

Certificates of merit—Dagney Johnson, Helen Schneider, Ellen Fleck, Dessie Bays.

Dist. No. 46—Championship diploma, Wesley Tiffin.

Certificate of merit—Myrtle Knighten.

Dist. No. 48—Championship diplomas, Mary Grazen, Louis Legault.

Certificates of merit—Mabel Patchell, Edith Reed, June Starr.

Dist. No. 50—Certificate of merit, Reata Kinnaman.

Dist. No. 51—Certificate of merit, Gladys Carl.

Dist. No. 55—Certificates of merit, Charles Edmunds, Wilbur Northup.

Dist. No. 56—Championship diploma, Raymond Lindsey.

Certificates of merit—Clarence Anderson, Lewis Best, Mable Anderson.

Dist. No. 57—Championship diplomas—Ruth Paul, Gladys Klinehan, Mabel Klinehan.

Certificates of merit—Lenhart Geinger, Ernest Geinger, James Tone, Pauline Geinger.

Dist. No. 59—Certificate of merit, Emmett Gray.

Dist. No. 61—Championship diploma, Oscar Krebs.

Academy—Championship diplomas, Anthony Zachmann, Agnes Fitzpat-

rick, Catherine O'Hara, Clara Brooks Certificates of merit—Jack Wells, Mabel Soderberg, Laurence Fitzpatrick.

Dist. No. 9—Championship diplomas Donald Leverich, Marion Lamb, Rowena Hanson, Evelyn Hanenkraut, Camille Haltom, Inez Hopkins, Julius Golden, Sadie Golden, Ione Talcott, Elizabeth Clements, Louise Handley, Muriel Wiley, Walter Zeller, Kenneth Mahan, Roletta Watson, Ramona Haltom, Lucia Wiley, Ethel Anderson, Lillian Groat, Ella Davidson, Saretta DeLillies, Edna Wickham, Iris Buckles, Willie Campbell, Walter Severance, Mary Lamar, Madge DeFord.

Certificates of merit—Marjorie Tucker, Lucile Leverich, Clifford Ulman, Irene Lyster, Mary Pangborn, Gertrude Heusser, Frances Wilson, Inez Vale.

Dist. No. 9, Rural—Championship diplomas, Mayme Jacob, Leona Hopkins, Evelyn Freeberg.

Certificate of merit—Theodore Jacob.

Dist. No. 14—Championship diplomas, Clara Krumlauf, Letah Barnett.

Certificates of merit—Dollie Derby, Mildred Pallin.

Canning for the Home Market.

There is no reasonable prospect that the business of canning vegetables will be overdone this season, and there are interesting possibilities in the canning of fruits without sugar which ought not to be overlooked. It will be the height of domestic economy and it will be patriotic to preserve in some form every pound of food that otherwise would go to waste.

It is a good time to begin planning for the future. Canning for a local market ought to be a pleasing and a reasonably profitable industry. The thought is suggested by the experience of an Ohio town which last season opened an exchange, to which those who had a surplus of home-canned food took their wares for sale to others who were not so fortunate. The plan worked well, and co-operation reduced the operating cost to a nominal sum.

The same town this year is going itself one better by establishing an information bureau at which orders may be placed in advance. The principle of the exchange is preserved, but home canners will have the advantage of an assured market. It is expected that the volume of business will be much greater this year than in 1917.

In communities in which the co-operation spirit is highly developed the scheme has much merit. No charge of hoarding food can lie against the family which stocks its cellars and pantries with the products of the home garden. And the family which has thus taken hostage of its own future will be performing a patriotic service if it passes the surplus along.—Oregonian.

HAPPY WOMEN.

Plenty of Them in Tillamook, and Good Reason for It.

Wouldn't any women be happy, after years of backache suffering, Days of misery, nights of unrest, The distress of urinary troubles, When she finds freedom.

Many readers will profit by the following:

Mrs. H. Lindyard, Fourth Ave., Forrest Grove, Ore., says: "Three years ago my kidneys were in a bad way. My back nearly killed me, it ached so and for several days at a time I couldn't get about to do my work. My kidneys were congested and my limbs began to swell. My head felt dull and at times I was so dizzy I could hardly stand. All sorts of spots seemed to appear before my eyes. I felt so miserable I didn't care if I did anything or not. I had taken only two boxes of Doan's Kidney Pills when I began to feel better in every way. I used four boxes in all and they cured me of the back-ache and put my kidneys in a normal condition."

Price 60c, at all dealers. Don't simply ask for a kidney remedy—get Doan's Kidney Pills—the same that Mrs. Lindyard had. Foster-Mi'burn Co., Mfgs. Buffalo, N. Y.—Pd. Adv.

SICK WIFE'S STORY SURPRISES TILLAMOOK

The following has surprised Tillamook: A business man's wife suffered from dyspepsia and constipation for years. Although she dieted she was so bloated her clothes would not fit. ONE SPOONFUL buckthorn bark, glycerine, etc., as mixed in Adler-ka relieved her INSTANTLY. Because Adler-ka empties BOTH large and small intestines it relieves ANY CASE constipation, sour stomach or gas and prevents appendicitis. It has QUICKEST action of anything we ever sold. J. S. Lamar, drug-druggist.

(Paid Adv.)

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