

ON THE FARM AND GARDEN

COW TESTING ADDS TO PROFIT OF DAIRY

REPORT OF YEAR'S RECORD OF SEVEN ASSOCIATIONS SHOWS VALUE OF WORK.

(By W. A. Barr, O. A. C. and U. S. D. A.)

The average production of 4,081 cows in various western Oregon districts for the year 1915-16, was 4,997 pounds of milk yielding 227 pounds of butter fat, as shown by a summary of the official reports of seven cow testing associations.

Three to six cows in herds of fourteen to twenty cows are entirely unprofitable; in the average herd of twenty cows the five best cows return three to four times the net profit that the five poorest cows return; in herds of sixteen or less cows the percentage of unprofitable cows is higher than in herds of twenty-five to forty cows.

This last statement which all of our associations show to be true should mean a great deal to the average dairyman, for it is he that has the average size herd and who feels that while dairying is his principal line of work yet he is not justified in buying a silo, in paying even the small sum of \$1.25 to know whether a cow is any good or not; in taking any good dairy literature; in using a pure bred dairy bull and it is he that will say that he knows his cows because he has only a small herd and can watch the amount of milk in the pail and by the color of it tell how good it is.

These same men that complain that there is no money in dairying could not make money at any other business if they took no more interest, were as ill informed as to the methods of operation, showed no spirit of co-operation and trusted everything to the other fellow.

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MOLALLA DEPARTMENT

MOLALLA SCHOOL TO OPEN SEPTEMBER 18

TWO WEEKS OF FALL TERM COMES BEFORE THE END OF NEXT MONTH.

MOLALLA, Ore., Aug. 3.—(Special)—September 18 has been chosen as the day for school to open, giving two weeks in that month.

Dillman and Howland, real estate dealers, of Oregon City, were Molalla visitors recently.

Monday Mrs. Thomas started for Washington to visit her other son. She expected to make this trip three several weeks ago, but was detained by illness.

Molalla's merchant force was somewhat depleted Saturday by the Glutsch divorce trial in Oregon City. Besides Mr. Glutsch, his business partner, Mr. Worth, was called, as was also the owner of the building where their shop is.

Mrs. Fay's sister returned to Monmouth after a visit with Mrs. Fay and family. Mrs. Fay, who has been bed-ridden for some time, was taken critically ill, but is about the same as before her recent setback.

Pearl Harless, who had his foot and ankle badly injured recently, when a horse fell upon it, is able to be out on crutches. Dr. Todd was called to care for the injured member.

Molalla is to have another physician, who will have rooms in the Pioneer building.

Mrs. Frank Adams was in town shopping last Saturday.

STRAINED MILK SOURS EASILY AS UNSTRAINED

FLY REPELLENT ON COW'S FLANKS HELPS IN WITHSTANDING SUMMER TORTURES.

(By W. A. Barr, O. A. C. and U. S. D. A.)

Milk which is strained may become sour more readily than unstrained milk, according to O. W. Hunter, assistant professor of bacteriology at the Kansas State Agricultural college.

The reason which a dairyman needs to follow are few," said Mr. Hunter. "He should provide clean surroundings. Mixing before, rather than after, feeding lessens the danger of contamination from the dust of the hay.

Care of the cow also is important in the summer time. Some matter worth giving attention is keeping the animals from being annoyed by flies. A fly repellent used on dairy cows is a relief for a short time.

MAKE HAY WHILE THE SUN SHINES, IS GOOD PROVERB.

"Make hay while the sun shines," is the old rule, and is always a good one to follow. Another rule which should receive consideration is that the hay crop be cut when the greatest total amount of digestible nutrients can be obtained.

Alfalfa makes the best quality of hay if it is cut just as it is coming into bloom, say when it is one-fourth in blossom. It will be more digestible if cut at this period, and there will be less loss in leaves than if cut later.

Sweet clover should be cut just before the blossoms appear. When cut at this stage it will retain less of the bitter taste and will be less coarse and woody than if cut later.

association. Write to the Extension Service of the O. A. C. and ask for record sheets and a pamphlet on record keeping which will be sent free, also for help in effecting a cow testing association if there are 600 or more cows in twenty-five to thirty herds in an eight to ten mile radius of a given point in your community and bring to your community the services that are being rendered to other communities where cow testing associations are operating.

BLACKHEAD IS ALWAYS FATAL WITH TURKEYS

SYMPTOMS ARE EASY TO RECOGNIZE BUT NO CURE FOR DISEASE IS KNOWN.

(By M. L. Longfield in St. Louis Globe-Democrat.)

Fortunate is that turkey raiser whose flock has never been menaced by blackhead. This Hercules among ailments is formidable because no treatment positively counteracting it has been discovered. It is comparatively a recent pest. A quarter of a century ago it was nameless. Now we hear of its ravages from every section where the turkey has its habitat.

Turkey raisers in general complained of a fatally effectual disease which attacked the birds at all ages, killing off the majority before they were six weeks old. Few reached maturity. Losses were calamitous, singly and in the aggregate. The Rhode Island experiment station began an investigation. The result was the first authoritative account of the ailment. Their findings are generally accepted. Since then the disease has traveled to be the bane of turkey raisers in nearly every state.

One need not be a pathologist to suspect or to recognize blackhead. In turkeys of varying ages it has various manifestations and durations, but certain symptoms are always present. They are loss of appetite, consequent emaciation and weakness and a white or yellowish diarrhoea. In very young birds the heads are grayish or pale; in those whose wattles are beginning to color and in adults the head turns dark, due to congestion, which gives the disease its name. In a typical case, the turkey first declines food or picks indifferently, and develops diarrhoea. After a day or two it gives up trying to follow its mates. It has a distressed look and sometimes it stands and swallows as though it were endeavoring to rid its throat of an obstruction. It has an inveterate thirst. In three days or a week, according to its age and vitality, it yields the battle.

MOLLY SILAGE IS FATAL TO ANIMALS.

The feeding of the moldy silage to horses and cattle has caused a great number of deaths in Illinois within the last few months. This has led Professors H. P. Rusak and H. S. Grandley, of the University of Illinois Agricultural Experiment station to initiate a series of experiments with a view of determining, if possible, what mold or bacteria are causing the trouble.

That the task undertaken is not an easy one is readily understood when one reflects that men of ability have worked on the problem since 1845 without arriving at a solution.

THIN OUT THE SMALL FRUIT.

Thinning is an operation that has been practiced to only a very limited extent. An occasional man has thinned a few trees, more as a matter of curious inquiry than as a definite orchard practice. Where the operation has to any degree been carefully performed the results have been outstanding, and it has paid well.

a few weeks ago, is still there. Mr. Wolfer has a piece of cloth hand woven, from goat's hair, about 60 years ago. It crossed the plains in the early days and has seen hard wear, but still has more strength than many pieces of modern cloth.

Mr. Kraxberger, of Macksburg, was up to visit his ranch at Liberal Sunday.

Being familiar with the ways of the woods was all that saved Willis Badger from a serious accident and probable death last week. His father was sawing a blown down tree, and did not know any one was coming. The great vertical root went back to its former position as soon as released, at a time that would have naturally caught the child if he had not paused to see what it was going to do.

The season for wild blackberries is nearly over.

TWO NEW UNITS OF MOUNTAIN VIEW FILED

City Engineer C. A. Miller filed two plats with County Recorder Dedman Wednesday, covering units A and B of Mountain View cemetery park.

Unit A contains 115 lots and unit B 391 lots. They are among the most desirable lots in Mountain View cemetery.

Wasco, Grant and Wheeler counties have planned new highway to lasso line.

A Woman's Helpful Advice.

Mrs. G. H. Eveland, Duncan Mills, Ill., writes: "I was stricken with lumbago, unable to turn myself in bed. A neighbor brought me Foley Kidney Pills. Said she had been similarly afflicted and they cured her. I tried them and was completely cured by three bottles." Mrs. Eveland heartily recommends Foley Kidney Pills for kidney trouble. When the kidneys are functioning properly, impurities left in the blood cause rheumatism, lame back, aches and pains. Jones Drug Co. (Adv.)

Big Block Stock In Mill Is Sola

W. P. Hawley, Sr., president and general manager of the Hawley Pulp & Paper company, has greatly increased his holdings of stock in the big Oregon City paper company.

The first additional unit to the local mill is being rushed, and Mr. Hawley has announced that he has plans for a second additional unit to extend from Third to the alley between Fourth and Fifth on Main street.

GOVERNOR'S WIFE LEADS SOLDIERS' AID WORK



MRS. JAMES F. FIELDER

Mrs. James F. Fielder, wife of the governor of New Jersey, has inaugurated and leads a movement to relieve the needs of the families of the New Jersey guardsmen sent to the border, also to send comforts to the men in active service.

MANY MORE SUCCUMB TO HEAT IN CHICAGO

EIGHT ADULTS AND 31 BABIES DIE IN DAY—OUTDOOR WORK IS SUSPENDED.

CHICAGO, Ill., July 27.—Following a night that was smothering with heat and lack of air movement, Chicago began today, sleepless and exhausted, to battle with the hottest July day in five years. The official temperature on the federal observation tower was 100 and a fraction, but down in the streets thermometers showed 105 and in the suburbs 108 was reported.

The first death of the day was that of Arthur Sheehan, an insurance man, who went to an open window for air, after a sleepless night. The heat toppled him to the pavement, two stories below, where his body was found by a passer-by.

For the first time in several years nearly all outdoor work was suspended, particularly in the suburbs, where men working on buildings and in gardens could not endure the heat. Workmen were called off the buildings in several instances at 10 o'clock. As indicating the intensity of the heat, the temperature of the water at the bathing beaches was 73 degrees at 1 o'clock.

PERFECT CONFIDENCE.

Oregon City People Have Good Reason for Complete Reliance.

Do you know how— To find relief from backache; To correct distressing urinary ills; To assist weak kidneys? Your neighbors know the way— Have used Doan's Kidney Pills; Have proved their worth in many tests.

Here's Oregon City testimony. James Wilkinson, retired farmer, 201 Fourteenth St., Oregon City, says: "Nothing ever gave me as much relief from kidney trouble and pains in my back and hips as Doan's Kidney Pills did. I had to get up often at night as I couldn't sleep on account of the pains and aches all over me and was quite stiff in my limbs. I used several boxes of Doan's Kidney Pills and today, although I am in my 70th year, I am hale and hearty." (Statement given March 29, 1910.)

Still Praises Doan's. On April 17, 1916, Mr. Wilkinson said: "I am ready to back up every word of my former statement recommending Doan's Kidney Pills. Whenever my kidneys get out of order I take them and a few doses does the work." Price 50c at all dealers. Don't simply ask for a kidney remedy—get Doan's Kidney Pills—the same that Mr. Wilkinson has twice publicly recommended. Foster - Milburn Co. Propa., Buffalo, N. Y. (Adv.)

CANBY DEPARTMENT

CANBY, Ore., Aug. 3.—(Special)—Miss Viola Tuckler, of Portland, visited at the home of Mr. and Mrs. Emil Krueger on Monday.

Mrs. Carl Locke and son, Richard, returned Monday after a visit of several days in Portland.

Miss Muriel Russell, of Portland, is visiting the home of Mrs. Johnson, in Canby Gardens.

Misses Amy and Olive Whipple returned Friday from Monmouth, where they attended summer normal. They made the trip by auto, and were accompanied by Miss Grace Snook, who made a short visit with her sister Mrs. Ruby Smith, before going to her home at Oregon City.

Mrs. Diana Snyder and daughter, of Aurora, visited Canby friends between trains on Friday.

Miss Rena Hutchinson and Lena Pierce spent Sunday at New Era.

Mr. and Mrs. Arthur Graham, Miss Lillian Wang and Dr. A. T. Murdy, were given an automobile ride by G. W. White Saturday evening, many miles up the Molalla river, and left there to fish. They returned Sunday evening, but the market wasn't swamped by the fish they brought back.

Mrs. Cole and daughter Mable, were Portland visitors Monday.

Miss Adeline Myeth went to Oregon City Monday morning. She was accompanied by Miss Mary Huston, who entered the summer school.

Mrs. C. R. Wyeth visited an Oregon City dentist Monday morning.

P. L. Coleman, of Newport, was greeting old Canby friends this past week.

Mr. and Mrs. C. N. Wait returned Monday from a two weeks' sojourn in their Newport cottage.

Mrs. G. W. White returned Tuesday from Portland, where she spent several days with relatives.

Mr. and Mrs. Carl Smith were passengers to Portland Sunday morning. A number of Canby Artisans went to Oregon City Sunday morning to attend the Artisan picnic at the Masonic park, given by the Oregon City lodge.

Mrs. P. Hampton returned Sunday evening from a visit in Portland.

Rev. Stenford Moore, of Willamina, occupied the pulpit at the M. E. church Sunday morning.

Miss Nellie Hampton and Walter Leisman left Monday for an outing of two weeks at Newport. Mr. Vernon of Molalla is filling Mr. Leisman's place at the drug store.

Adam Knight spent Tuesday in Portland attending the grand lodge of the Knights of Pythians.

Mr. and Mrs. Charles Thomas, Henrietta Beck and Clarence Eld spent Sunday at New Era.

Mr. and Mrs. E. A. Krueger and small son, Mrs. Grace Fossara and son, of Aurora, were New Era visitors on Sunday.

Mr. and Mrs. M. J. Lee, Mr. and Mrs. H. A. Berkman drove to New Era Sunday to attend the camp meeting.

Mr. and Mrs. Allen Adams and Mrs. Hoffman, of Portland, Mrs. B. Roy Lee and Mildred Wang, of Canby, are camped on the Willamette river across from New Era. They have christened their abode "Mosquito Camp." Miss Fayetta Johnson spent Saturday and Sunday with them. Other week-end guests were Miss Ortha Flinsinger and Claude Flinsinger of Portland, Luther Cole of Oregon City.

Mr. and Mrs. W. H. Bair and Mr. and Mrs. Elmer E. Bradt returned Monday from an extended motor trip. They drove through eastern Oregon, across Idaho and through the Yellowstone park, returning by the Spokane and Seattle.

Sunday evening the home of Mr. and Mrs. Fred Howard was completely destroyed by fire, the origin of which is not known. It seemed to have started from the interior and when discovered the flames were breaking through the walls and roof. The volunteer fire department was quick to respond to the call, but nothing could be done by the time it reached the scene. Mr. and Mrs. Howard are living at Molalla for the present, but some pieces of furniture were left in the house. The loss was covered by insurance.

The Hindu speaker who lectured at the Spiritualist camp meeting Sunday afternoon at New Era, proved a drawing card for people from all towns between Portland and Salem. Among other Canby people who went were: Mrs. Clara Soper, Mrs. Flora Combs, Mr. and Mrs. Frank Zollner, Mrs. Gilmore, Leona Ross, Mr. and Mrs. Riggs, John Clark and wife, Misses Shull, J. Finney and Bill Porter. Others present from the country near Canby were: Mr. and Mrs. J. D. Ritter and family from Needy, Mrs. Ed Miller and Denny Miller from Macksburg, Miss Lena Griddle, Albert Griddle, Abe Heppner, sister and Miss Cook, Frank Oglesby and family.

Mr. and Mrs. Henry Hewitt, of Hubbard, drove to Canby Tuesday evening. They were accompanied by Mrs. John Graham and Miss Minn, who spent the day in Hubbard, as their guests.

Mrs. L. H. Wang spent Wednesday at New Era in camp with Mr. and Mrs. Adams and Miss Mildred Wang.

Miss Lorraine Lee and Miss Violet Evans, of Portland are making an extended visit at Tillamook at the home of Miss Lorraine's aunt, Mrs. G. D. Clark.

Mrs. Jessop, of Boise, is a guest at the home of Mr. and Mrs. George Bendshaddler.

Miss Mina B. Hubbs, one of Canby's pedagogical staff is spending a month at Newport.

The Woman's Foreign Missionary society met at the home of Mrs. I. C. Evans on Wednesday of last week. An interesting review of "The King's Highway" was given by Miss Adeline Wyeth. Mrs. M. W. Johnson conducted the "mystery box" and Mrs. H. A. Berkman, pleased the friends present with two piano solos.

Mr. James Smith, of Macksburg, was a Canby visitor Wednesday.

Mrs. Ruth White went to Portland Tuesday to visit with her daughter.

Mrs. H. H. Eccles was a Portland shopper Wednesday.

The band boys gave one of their jolly good dances Saturday evening at the Band auditorium. A large

crowd was present from adjoining towns, who froliced the night away to the music furnished by Garrett's orchestra.

Mrs. Harry Sherwood, who is spending the summer with relatives near Salem, is home for a few days this week.

Mrs. Mary Kirk, of Portland, is visiting with Canby friends. Mrs. Kirk was a resident of Canby many years ago. The Hebekah lodge, which was named for Mrs. Kirk's husband, held a social hour in her honor Tuesday evening following the regular session. Refreshments, consisting of sandwiches, ice cream and cake were served.

Mr. and Mrs. Conrad Hannes and Mr. and Mrs. Dave Sanders, of Fargo, made the trip along the Columbia river highway Sunday.

H. H. Eccles was a visitor at Wilhoit Springs Sunday.

Mr. and Mrs. C. R. Gunzel and Mrs. Gunzel's mother, Mrs. Margaret Holmes, motored to Mt. Hood Sunday.

Mrs. J. Kelson, accompanied by her daughters, Agnes and Irene, were in from Liberal Wednesday.

Mr. and Mrs. H. B. Evans and Miss Catherine, were Portland visitors on Wednesday.

Mrs. C. C. Corey and Miss Ida Eberling, of Corvallis, were guests at the Brainerd home for the week-end. On Sunday, Mr. and Mrs. Brainerd, Mr. and Mrs. C. C. Corey, Miss Eberling and Mr. Harry Howard, of Clackamas, spent the day on the Columbia highway Sunday.

***** GARFIELD. *****

GARFIELD, Ore., July 27.—(Too late for last week.)—All the farmers are on the hustle to get their hay in shelter this fine weather.

Those that have loganberries are selling to the Estacada cannery. R. Deming is doing the canning. Those who saw some of the fruit canned say it is second to none.

The farmers are busy with their hay, and so far there has been no loss. The hay will be little dark. Grain looks well and a good yield in evidence if we get weather to ripen it.

J. D. Palmatier and wife of Zodi, Cal., arrived in Garfield the last of the week. He has been away eleven years. He sees many changes. Many places are now occupied by strangers where his old friends once lived. He came to visit relatives and friends in Oregon, of which there are a large number.

Louis Palmatier went to Ione, eastern Oregon, to help his brother William P., harvest.

Floyd Davis and Frank Marshall left for the harvest fields of eastern Oregon, accompanied by Chester Dean. All are Garfield residents.

H. Epperson, late of Garfield, now a resident of Dufur, is seriously ill with stomach trouble. He has been in The Dalles hospital the last few weeks.

William Rhodes reports some animal has killed and carried off some of his grown sheep.

The Misses Ethel and Lottie Tracer have gone to the city.

The berrypickers are glad of the cool weather, as it makes it more endurable to pick than when so warm.

Mrs. S. Palmatier spent a week at Silverton with her son Henry.

Tuesday, the 18th, there was a family reunion and dinner at the home of "Dock" Palmatier in Garfield. Those present were: Mrs. E. M. Horner, aged 81; Dock Palmatier, 72; J. D. Palmatier, 70; Mrs. Mary Burlingame, 62. All are sons and daughters of Garrett and Sibbell Palmatier, the first white settlers in Garfield.

Dock Palmatier has lived in the Garfield settlement ever since he came there a boy of 10 years, with his parents. J. D. Palmatier has spent the last 18 years in California near Zodi, where he owns a vineyard. Mrs. E. M. Holmes spent most of her life in Portland. Mrs. Mary Burlingame spent a part of her life in the Dufur country, and later in Fairview. J. D. Palmatier came to make his aged sister and brother a visit.

Frank Rhoads and family are going to motor to the coast and spend a week or ten days.

Mrs. George Burlingame spent a few days visiting in Garfield.

Garfield grange held a night session this week to transact business.

***** GEORGE. *****

GEORGE, Ore., Aug. 3.—(Special)—Willie Widner and Mr. Macho, of Sandy Ridge, were the guests of Mr. Widner's sister and brother-in-law Mr. and Mrs. Leo Rath, Saturday night and Sunday.

Will Miller and family of Portland, are spending a few days at the home of Mr. Miller's brother, A. H. Miller.

Dr. Scott and family of Portland, were visiting Mr. and Mrs. Stephens Saturday night and Sunday.

Will Miller and family of Portland, are spending a few days at the home of Mr. Miller's brother, A. H. Miller.

The Sunday school picnic which was given by the Presbyterian Sunday school was a success. About fifty were present and everybody had an enjoyable time.

Miss Irene Paulsen who has been spending a few weeks in Portland returned home Sunday.

The George Social and Commercial club held their annual meeting last Saturday night. A large number of visitors were present and after the meeting was over a social time was spent in dancing.

He Could Hardly Walk.

Kidney trouble manifests itself in many ways. Rheumatism, aches and pains, soreness and stiffness are common symptoms. Ambrose Gary, Sulphur, Okla., writes: "I was bothered with kidney troubles ten years and at times could hardly walk. Three months ago I began taking Foley Kidney Pills. I got relief from the first bottle but continued to take them till I had taken three bottles. I feel like a new man. It is a wonderful medicine." No harmful drugs. Jones Drug Co. (Adv.)