

DRIVE HOGS INTO PEAS FIELD; SAVES MONEY

HO RANCHER FIGURES ACRE OF PEAS WORTH \$42.85; SAVES MUCH LABOR

Knowlton of Sweet, Idaho, planted 11 acres of Admiral peas at the first of April and is finishing 175 head of hogs in the pea field ahead of feeding them ground barley. The peas were fully matured and ripened when the 175 hogs were driven into the field.

Mr. Knowlton pronounces this method of feeding hogs for the market a splendid success. He is the best farmer in the Squaw creek valley and feeds more stock than any else in the valley.

Mr. Knowlton planted 100 pounds peas per acre. On August 13 he had 175 hogs in this field and they were fed nothing for this period of 21 days, but the peas which they got from the vines and off the ground. The hogs gained an average of 1 1/2 pounds per day per head, or an average of 35 1/2 pounds per head for the days.

Mr. Knowlton thinks these hogs are as well on the peas as if they had been fattened in a pen and fed on ground barley for the 21 days. He estimates it takes about eight pounds of peas per hog per day to fatten

swine. On this basis, had he fed barley, it would have taken 168 pounds of grain for each hog for the 21 days, or a total of 29,400 pounds for the 175 hogs.

Mr. Knowlton figures the 11 acres of peas as being worth \$42.85 per acre as hog feed, using barley as a comparison and figuring it at \$1.25 per 100 pounds. This does not include the trouble and labor saved when feeding peas instead of barley. These peas were grown on black, heavy soil. They were sweet as sugar.

The New York stock market is on the boom and frenzied finance is enjoying one of the greatest pluries of its history. The lambs are being coached for an awful trimming a little later.

Correspondence

LOWER BRIDGE

Mrs. McDowell and George Dixon of Prineville were guests for Sunday dinner at the Hoskins home.

Mr. and Mrs. Hoskins, Miss Hoskins, Miss Nealeigh and Mrs. Tweedy were visitors in town Saturday. Mr. Hoskins going in for the high school board meeting.

Fern Walters, who is attending high school in Redmond, was home over the week-end.

The Hiscok and Stadig threshing machine has just completed threshing at L. A. Hunt's and are now beginning at Gus Stadig's.

Frank Chapman and Miss Marion Hoskins autoed to Terrebonne on Monday.

Mrs. Fred Walters and daughters, Fern and Margaret, were in Redmond on Sunday.

Mrs. A. J. Fuller and son, George, were in Redmond Thursday.

The Beard brothers are threshing in this community this week.

The Chapman brothers have just completed a silo 12 by 30 feet. They recently bought a modern ensilage cutter and expect to fill the silo this week.

Mr. and Mrs. L. F. Rice and Mr. and Mrs. Garret, accompanied by Mr. Kohl, autoed to Suttle Lake Sunday.

A. S. Holmes was in Redmond on Wednesday.

Jerry Groskruger, C. W. Clapp and R. S. Towne were in Redmond on Monday.

Frank and Russell Chapman and Mr. and Mrs. Gus Stadig were in Redmond Saturday.

TETHEROW BUTTE

Born, to Mr. and Mrs. Roy Stevens, a 9 1/2 pound boy on Wednesday, September 13; both mother and son are doing well.

Born, to Mr. and Mrs. Earl Benton, Wednesday, September 13, a son.

Sunday morning C. L. Meade had a narrow escape while driving from his home to another place to look at some hay. Raymond was with him and in opening a wire gate failed to allow sufficient room for the rig to pass. A part of the harness became entangled in the wire, the horses became frightened and upset the rig, throwing Mr. Meade out. He struck on his feet and escaped injury. Raymond secured a saddle horse and gave chase to the runaways, which were stopped by George Elliott in front of E. M. Eby's place. The horses escaped unhurt, but the harness and hack were badly wrecked.

The Sage Brush Sewing Circle met with Mrs. C. H. Miller on Thursday afternoon, the afternoon being spent in conversation, as the hostess furnished no work. Those present were: Mrs. W. J. Sturdivan, Mrs. R. B. Sturdivan, Mrs. E. E. Butcher, Mrs. W. E. Abbey and Mrs. Archer. A delicious luncheon was served. The next meeting will be held October 5 with Mrs. Nelson Bruce.

Mrs. John Anker and children spent Monday on the ranch with her sister, Mrs. Dell Sturdivan.

Chrystle Sturdivan spent Friday night as the guest of Lucile Parsons.

E. M. Eby and Ray Archer are spending their second week in Prineville on the jury.

M. A. King is helping Fred Hoover in the hay field.

Otto Rientzer, while taking a load of potatoes to Redmond on Monday afternoon, lost the tire from one of the hind wheels of his wagon. The stage passing just at that time scared the horses so he could not stop. The wheel, running on the spokes, soon collapsed, letting the wagon tip over. His wife and children were with him, but fortunately they slid off rather easily, being frightened, but unhurt. He secured a wagon from Fred Hoover and reloaded the potatoes, getting to Redmond rather late.

Those attending Redmond high school from this district are: Joe McElfresh, Raymond Meade, Lottie Meade, Chrystle Sturdivan, Paul and William Van Allen.

Mr. Graves was cutting oats for A. B. Oakes on Monday.

J. F. Van Allen was in Terrebonne Tuesday on business.

J. H. Mertz is helping F. C. Montgomery stack his wheat.

J. Butcher is haying at Sid Lloyd's. Miss Nora Livingston is teaching in Bend instead of Silverton, as published in last week's paper.

W. E. Van Allen and George Raney spent Sunday with J. F. Van Allen. Otto Rientzer and family have moved onto the Van Hanks place.

A dance was given at A. B. Oakes Saturday night. A lively crowd was present and a pleasant evening spent by all.

W. E. Abbey and J. O. Hansen are helping move Anker's hall.

R. L. Stevens has completed his silo and given it a coat of paint.

Mrs. G. Cornelius and sister, Miss B. Gayette, have left for Hood River

to begin their school work, which begins a little later than usual on account of building. Miss Gayette has been principal of the school for three years and has signed a contract to fill three more. Mrs. Cornelius is a primary teacher.

The coyotes are still raising havoc with chickens and turkeys and it has been reported that a number of little pigs have been taken by them. Only one of the culprits has been known to have lost his life, and it was killed by J. F. Van Allen on the Moore place.

POWELL BUTTE

Miss Mabel Allen was down on Crooked river Thursday on a business trip.

The Wilson school opened last week with a good attendance, with Miss Gladys Breen of Prineville as teacher.

T. I. Temple of Redmond, with a crew of six men baled hay last week for B. H. McMickle on the E. W. Williams place.

J. Alvin Riggs and brother, Lee Riggs of Hampton left last Thursday for Willamette valley points for a short time.

Andy Anderson of Redmond worked for Clark Morse several days this week.

Last Friday morning Raymond Van Doren was quite seriously hurt when he fell off the flagpole at the Wilson school house. He is still in the Redmond hospital under the care of Dr. Hosch.

George Shober started his threshing last Monday. He has a new one.

Miss Jessie Hartley of Prineville opened school in the Shepherd district Monday morning.

Miss Pearl Waterhouse is helping Mrs. John Tuck during haying.

Rev. Allen preached a very interesting sermon to a good congregation last Sunday. This was Mr. Allen's first service since conference. We are all glad to know that he is to be with us for another year and wish him success in his work.

Miss Mabel Allen left Sunday for Crooked river, where she will teach this winter.

Mr. Bowman and son Rollo went to Prineville Friday to work for T. I. Temple with the hay baler.

Mr. Roundtree of Paulina is trying out his new threshing machine before he goes to Paulina with it, threshing for Charles Muma on his Powell Butte ranch.

A number of the people in the neighborhood gathered at the community hall last Sunday afternoon to hear and pass judgment on the piano which has been placed in the hall on trial. Mr. Delbert French and father played several pieces, beside the player records, which are with the piano.

Mr. and Mrs. Allen Willcox left Monday morning in their car for a couple of weeks' visit with relatives in Portland.

Mrs. N. P. Alley and Miss Lina Moore spent last Thursday at the J. J. Chapman home.

Elliott & Spencer's header crew headed for James Riggs the last of the week.

Walter Foster is enjoying a hunting trip in the mountains above Bend.

Miss Edith Smith of Prineville commenced school in the Edwards district Monday.

W. T. Benson of Bear Creek, who has been visiting friends here for the past week, returned home Tuesday.

J. T. Houston is spinning around in a new automobile these days.

Dorothy and Marjorie Wells spent Sunday at the Bussett and Butterfield homes.

John Rhode is here visiting his brother, A. H. Rhode.

Last Sunday evening Henry Hansen had the misfortune to give his ankle a very severe sprain. He was running after a horse and fell into a hole that had been started for a cistern.

E. R. Agee bought E. N. Hall's dairy cows last week. Added to what he already owned, this gives him a fine herd.

Mr. and Mrs. Frank Kissler are receiving congratulations on the arrival of a boy last Friday evening.

Last Saturday A. H. Rhode sold 125 tons of hay at \$8.50 to Wm. McCormack.

Mrs. L. W. Van Doren returned home Tuesday evening after a three months' visit with her parents.

Last Sunday evening Mr. Wilson's car collided with Mr. Lindquist's buggy. Mr. Lindquist was thrown out of the buggy and slightly bruised, and both the car and buggy were somewhat damaged.

"Pinkie" Rennolds Auctioneer

No sale too large for me to handle. Get in touch with me if you are going to sell—I'll make you money and save you worry. Redmond, Oregon.

Even Cream Most Profitable

How to Avoid Variations in the Cream Test.

Whether you produce cream for the creamery, the city trade, or to make into butter at home, cream of a uniformly even richness gives by far the most satisfactory results.

C. E. Lee, dairy specialist of the Wisconsin State Dairy Commission, said not long ago, that the average yearly loss of skim milk through sending thin cream to the creamery was about \$25 a farm. He estimated the annual loss in a single community (Tomah, Wis.) to be not less than \$10,000.

Thin cream not only causes needless loss of skim milk, which should be fed to the stock at home, but it increases the cost of operating the factory. In many sections creameries are co-operative, owned by the farmers themselves. So this loss, too, comes right out of the farmers' pocketbooks. Besides, more butter fat is lost in the butter-milk when thin cream is churned. Finally, the quality of the butter is impaired and such butter brings a lower price when shipped to market. In fact, there isn't a single good thing to be said for the practice of shipping thin or uneven cream. Yet this practice is all too common. Nearly every housewife who makes butter at home is occasionally bothered with "streaky butter." These unsightly streaks are caused by mixing together cream of different grades of thickness. Also, in selling cream to the city trade it is especially important to maintain a uniform standard of richness.

In view of these facts, a recently published statement of Prof. C. Larsen of the South Dakota Agricultural College, is of especial interest to almost every farmer who keeps cows.

"As much as 50 per cent variation in the richness of cream," said Prof. Larsen, "may be obtained by variation in speed of operating the separator. If the normal speed is 55 turns of the crank per minute, 75 turns will bring rich cream and 25 turns will bring thin cream."

A great deal of fat is lost in the skim milk when the separator has been run too slowly. This demonstrates the fact that there is only one speed for economical operation of the separator, and that is the right speed. This speed is indicated on the crank handle.

The Purdue Experiment Station not long ago made a careful study of this problem—the variation in cream tests. They found (Bul. 150, Vol. XV): "That high speed yields rich cream and that low speed yields thin cream. At normal speed the cream tested 44 per cent fat, at low speed, 11 per cent fat, and at high speed, 62 per cent fat. The very low test of the cream for a low speed separation is, in part, due to the fact that a large amount of fat (about one-half of the fat of the milk) is lost in the skim milk."

"The nigger in the wood pile"—the cause of the wide variation in cream tests—has been found. The trouble plainly lies with the ever varying speed of the separator.

Lewis A. Osborn, an observant farmer at Litchfield, Conn., remarks: "I don't think I ever had a man that would turn the same number of revolutions to the minute from start to finish, that is, after speeding up, it is quite natural to turn a little slower."

It just isn't human nature to turn the crank at exactly the right speed at all times. Especially is this true when the job of separating the milk is done by different members of the family.

Fortunately a recent invention makes it possible to secure cream of even richness every day in the month. A new principle has been applied to separator construction which enables the bowl to draw in just the right amount of milk for perfect skimming.

This new type separator skims clean at widely varying speeds—high or low—and the cream is always of the exact thickness desired. The cream screw can, of course, be quickly adjusted when one wishes to secure thicker or thinner cream.

At a recent factory test of one of these new type separators, results were obtained as follows: The handle was turned at the normal rate of 45 revolutions per minute. The cream test was found to be 39 per cent butter fat. The speed was allowed to slacken to 35 turns per minute, but the cream test remained at 39 per cent. The speed was then raised to 55 revolutions per minute, but the cream test was exactly the same, 39 per cent.

At no time did the butterfat in the skim milk rise above .01 per cent, a mere trace. Incidentally it is interesting to note that the amount of milk separated was much greater at the higher speed. At 35 turns per minute the actual capacity of the machine was 295 pounds per hour, while at 55 turns the capacity was 680 pounds. And a clean skim was obtained at all speeds.

This new type of separator seems destined to save millions of dollars annually for the farmers of this country. It eliminates cream waste in every dairy where installed and makes possible the production of the cream practically even in richness day after day, week after week. Keeps the skim milk at home for the stock and enables the creamery men to make better butter that brings higher prices. If you have never seen this remarkable machine in actual operation it will pay you to look up the nearest dealer and ask him for a demonstration.

See B. A. Kendall

Sell Your

CREAM

to the

Redmond Creamery

If you like Square Dealing and prompt payment.

L. B. LAFOLLETT

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Is now open and we ask one and all to give us a trial. Our aim will be to give everybody full value for their money.

Buy your crochet cotton here. A. B. Davenport, Prop.

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MAKE ALL KINDS OF BUILDING LUMBER THAT CAN BE MADE. WE ARE EQUIPPED TO MAKE ANYTHING YOU WANT OUT OF CENTRAL OREGON PINE.

WE WILL DO YOU GOOD WORK AT REASONABLE PRICES.

United States Rubber Co.

USCO

BRAND AUTO TIRES

Central Oregon Garage

"Reedy's"

Patronize the Home Merchants---It Pays

Stoves and Ranges

We carry the most complete line of stoves and ranges in Central Oregon, embracing as it does some 15 styles of heaters and more than half a dozen makes of ranges. In our line of heaters we feature

Cole's Hot Blast, Beaver and Tacoma

The latter stoves are used in heating large stores, schools, halls, etc. In ranges we feature a stove pronounced superior to anything that is on the market today, not alone in its handsome appearance and long-wearing qualities, but in its ability to produce results. All flues, the fire-box and oven are porcelain enameled and soot cannot adhere and cause the stove to "stop-up." Let us show you this stove before you place your order. Fitted with reservoir or coil for heating water. It's a

"QUICK MEAL" RANGE

we refer to, and can give you Redmond testimonials of highest order. We also handle several others, including the MAJESTIC, REGAL and several cheaper ranges and stoves. You will make no mistake in selecting a heater or range from our stock. Remember, MUNZ HARDWARE spells "QUALITY GOODS" in 57 different languages.

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REDMOND, OREGON

HOBBS'

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HEADQUARTERS FOR GOOD THINGS TO EAT

REMEMBER, WE ARE EXCLUSIVE HANDLERS OF

PREFERRED STOCK GROCERIES —AND— GOLDEN WEST COFFEES.

WE WANT EGGS AND BUTTER