

Edited by GENEVIEVE MORGAN This page is a regular Sunday feature of The Statesman. Farm news, farm information, the story of the successes of various farm operators published herein.

Valley Farms and Their Workers:

News of the Prosperous Willamette Valley and of the Varied Agricultural Pursuits of interest to its Diversified Farmers.

HOGS SHOOT UP AND COWS DOWN

One Grade Wheat Shows Advance; Italian Prunes Show Increase

PORTLAND, Oct. 10.—(AP)—Hogs improved in price and both cattle and lambs fell off in the general market here this week. Hogs were up 50 to 75 cents from last week's close.

Heavies, from 250-290 lbs, were 5.25-6.00, while 200-220 lb. stuff was 5.75-6.50, both up 15 cents. Light, 140-180 lbs, were 6.25-6.50. Feeders and stockers fell off slightly to 4.75-5.50.

Good steers were down about a quarter to 6.00-7.75, and cows were 4.00-4.50, down 25-35 cents. Choice vealers continued at 7.50-8.50.

Good 90-lb. lambs were down 25 cents to 5.00-6.25, but other grades were unchanged at 3.75-5.00 for mediums and 3.00-3.75 for common stuff.

Wheat Advances Big Bend bluestem wheat advanced one cent over last week's close, but other grades were unchanged. Big Bend was 63 1/2¢, soft white and western white were 48, and other varieties 47 cents. There was no change in oats at 18.00.

Oat and vetch ray, advancing \$2 to 12.00-12.50, was the only variety to change price. Other kinds were unchanged at 15-15.50; eastern Oregon timothy 18-18.50; clover 11, oat hay 11. Straw continued at from \$6 to \$6.50 a ton.

Wool Unchanged Wool prices held unchanged at 12 and 15 cents for eastern Oregon, 13 for valley coarse, and 13 cents for medium.

There was no change in butter price. Extras were 31, standards 30, prime firsts 29, and first 28c. Fresh extra eggs were 28 and 29 cents. Standards were 26, fresh mediums 23, and fresh pullets, 18. There was nothing doing in hay prices, with 1931 Oregon crop remaining at 15 to 15 1/2 cents.

Italian prunes spread in price 2 and 7 1/2 cents from last week's close of 6 1/2 and 7 1/2c.

FEEDING METHODS TESTED ON FLOCK

One thousand white leghorn pullets in the laying pens at the poultry department of Oregon State college are serving to reveal the comparative value of several methods of feeding from time of hatching to full production. These pullets have already gone through the first part of the experiment, which was to show whether they could be raised just as well on laying rations as on the more complicated and expensive chick feeds. Results of this phase of the experiment are now being compiled.

Now that 500 have been raised one way and 500 the other, these two groups have again been divided, each into four pens of 125 each. Throughout the coming winter they will all receive exactly the same treatment and will be in the same environment, except that each of the four pens in each group will be fed differently.

The two No. 1 pens will get hand fed grain in the litter with hopper fed mash. No. 2 pens will get both hopper fed grain and hopper fed mash. The third pens will be given cube feed or "pellets" in hoppers, while the fourth pens in each group will get an "all mash" ration from hoppers.

"All four of these methods are in commercial use in Oregon and the experiment station is constantly in receipt of many requests with regard to their relative merits," says A. G. Lunn, head of the poultry department. "Field tests by poultrymen have already indicated that good pullets can be raised by using regular laying rations, and if this is correct it will greatly reduce the labor and feed cost."

Turkey Raising On Small Scale Proves of Profit

NORTH HOWELL, Oct. 9.—Turkey raising is a very special and profitable side line on the farm of Mr. and Mrs. Joe Woelke. This year, they took five of their turkeys to the state fair and won first, second and third on their five entries.

The Woelkes have been raising Narragansetts for several years and their annual turkey shoot is a neighborhood event of much interest.

Mrs. Woelke feeds and cares for the entire flock and raises about fifty or more each year. This is the first time they have exhibited at any fair, so are quite elated with the results.

APPLE RESULTS EUGENE—Excellent results from the use of both a complete fertilizer and a combination nitrogen-phosphate compound are reported by Howard Merriam, a leading Lane county apple grower. Although Mr. Merriam believes the complete fertilizer gave slightly superior results, he says the trees on both the fertilized plots showed better tree growth as well as finer fruit this year.

YEP, TURKEY-HEADED HENS



Poultry raisers the country over will give this picture a startled second glance when they notice that the chickens held by these two someone leads in Chicago have heads strangely reminiscent of turkeys, Julian Kanter and his brother, Allen, are shown holding two of the new breed of chickens called "Turkens," which were received at the Lincoln Park zoo, Chicago, from a poultry farm at Wallace, Michigan.

Pheasant is Family Pet; Hisses at Cat; Now Gone

By MRS. FRANK JUDD LIBERTY, Oct. 10.—A pheasant may not be so strange or formidable a pet as some one hears about, but it is usually very difficult to tame completely. Mr. and Mrs. Roy Farrand of Liberty had an interesting and unique experience with such a pet this past summer.

During the plowing on their place last spring a Chinese pheasant nest was destroyed. The eggs broken showed well-developed chicks, so the remaining ones were put under a setting hen. Six of the wee pheasants survived the clumsiness of the hen. They were taken to the house. They relished and thrived on crumbs, bugs, chick feed, cottage cheese and a good deal of care and attention by Mrs. Farrand.

Various accidents overtook the young pheasants, however, and only two remained. In going about the yard they would dart quickly from cover to cover as would wild pheasants, and also fly short distances at times. Now but one pheasant, a very lonely one, remains. It never wandered away far from the house but tagged around after its mistress most of the time. Every-where she went around the place, working in the garden, or where Young Lady Pheasant was right there scratching around as busily as she. When it flew on the sink and drainboard at times it was more a nuisance than company.

The pheasant knew its mistress' voice and would come at her call. In the evening at roosting time the pheasant would come to the window or screen door and peck and scratch to be let in. Then it would settle down to sleep. When a cat was brought home to live the pheasant took an instant dislike to the creature and showed it by a great ruffling up of feathers and hissing in the cat's direction. However, as the pheasant was so nearly grown the cat paid not the slightest attention.

Therefore, it could not have been the cat's fault when the pheasant recently disappeared. The fact that life was going smoothly and the pheasant stayed around so closely and contentedly seems to point to foul play somewhere. This unusual pheasant is greatly missed at home.

The Country Hereabouts

JEFFERSON—The farm belonging to the Wied estate has been divided, and deeds are being made out to the different heirs. Of this phase of the experiment are now being compiled.

RICKEY—Some unknown person harvested W. H. Humphries' crop of sun flowers recently. Mr. Humphrey's sowing sun flower seeds along the edge of his garden. This is not only decorative but also provides chicken feed. Among the sun flower was one seed which measured 1 1/2 inches across.

Lincoln—Herman Hammers is harvesting his large crop of potatoes, raised on 32-acre rich river bottom field. He has sold the crop to the penitentiary in Salem under contract. Burpee's crops of alfalfa were raised on this acreage for a number of years. Last year barley was sown there and produced 93 bushels to the acre.

Middle Grove—Silos are being filled and farmers are preparing to start fall plowing as soon as the ground will work. Those who have tractors have the advantage over those with horse drawn plows.

Central Howell—A curious sight was seen in this community early in the week, when 27 buzzards were being flying high in a V formation, like geese use.

Scio—S. W. Gaines, familiarly known as "The Pie Eater of the Santiam Farm," was in Scio here this week, having driven his favorite busy horse on the trip. Mr. Gaines is in his 89th year and has resided in the near vicinity of Scio for three quarters of a century.

Orchard Heights—Bruce Cunningham, who has a hundred acres in potatoes, expects to get around 15,000 sacks from this land near the Schindler dairy. More than half the crop is already dug. Most of them are being stored in Salem.

HOPE IN SIGHT ON WHEAT SMUT

Oro and Argentine Varieties Said Best Resistant So far Found

OREGON STATE COLLEGE, Oct. 10.—The battle of northwest wheat growers against stinking smut may eventually turn in favor of the growers by reason of development of resistant varieties, but the time has not yet arrived when they can depend on that alone to save them from the \$10,000,000 loss estimated as the toll taken by this worst cereal disease of the three Pacific northwest states. This is the latest word just given by D. E. Stephens, superintendent of the Moro branch experiment station where most of the experimental work in this field is carried on.

"It is not yet known why some varieties are attacked by smut worse than others but it is a fact that a few varieties are immune to some smut forms and highly resistant to others, and some are highly susceptible to some but resistant to others," explained Mr. Stephens. "The whole matter is complicated through the discovery of the fact that there are many different strains of stinking smut which behave differently on various wheats."

In field trials at the Pendleton field station this year 10 wheat varieties came through the year with less than 15 per cent smut after the seed was blackened with smut and planted untreated. The popular commercial variety, Hybrid 128, ordinarily will produce 95 per cent smut when sowed in this manner. A German variety, Hoehnelmer No. 77, proved the most resistant with but 7 per cent smut. High in the list were Oro and Argentine, two strains of Turkey Red wheat developed at Moro. These are now the most promising varieties considering both yield and smut resistance, says Mr. Stephens.

Whether it will pay a farmer to grow any of these smut resistant wheats will depend upon how difficult smut control is in his locality, how much they will yield there, as well as on market price or quality. In any event Mr. Stephens advises sowing as clean seed as possible treated with copper carbonate containing 50 per cent copper, and to wait for several weeks if possible after the fall rains start before seeding.

HARVEST APPLES RICKEY, Oct. 10.—A. J. and George Hager have harvested their crop of Northern Spy apples. A very good crop is reported. The crop was injured some what by the dirt storm early in the season.

'City Farm' Raises Two Big Squash

By KATHERINE SCHARF A squash vine climbing a grapevine trellis and with two large squash hanging from it is a sight at the home of Mr. and Mrs. T. W. Lee, 1045 North 20th street, near the Englewood school.

One squash measures 15x27 1/2 inches while the other measures 11x23 inches. On account of its weight Mr. Lee has provided a box of straw in which the larger squash is now resting. He also had cucumber and other vegetables are numerous she says, and she answers the majority of them by sending out farmers' bulletin 1438, "Making Fermented Pickles." Detailed directions for making sauerkraut and pickles, staked pickles and mixed pickles are contained in this publication which may be obtained free from Oregon State college.

wives, reports Frances Clinton, county home demonstration agent. Telephone calls and mailbag requests for directions for making sauerkraut and pickles are numerous she says, and she answers the majority of them by sending out farmers' bulletin 1438, "Making Fermented Pickles."

Among the fruit trees which include apples, cherries and peaches, is a white fig tree from which Mr. Lee has gathered the second crop of ripe figs this season. They also keep a good cow and a number of chickens. In short, their home is a miniature fruit and truck farm in the city. Mr. Lee retired from active farming several years ago on account of impaired eyesight.

Dairymen Done With Silo Job For This Year

TURNER, Oct. 10.—Turner dairymen have practically finished silo filling. D. McKinley filled silo some days ago. M. A. Hill, J. M. Bones, S. A. Riches, and C. A. Bear finished the last of the week excepting Mr. Bear who will refill the tops of two large silos after allowing for shrinkage. Corn has been in good condition this year with little or no apparent damage from frost.

Seven 'Doses' of Spray Produce 5000 Bushels Of Apples for Thompson

Where is the sceptic who said "You can't raise good apples in the Willamette valley?" He should be led to the George N. Thompson farm in the Keizer district where a crew of pickers and packers are now at work harvesting and preparing for market more than 5000 bushels of apples.

The Thompson orchard is 23 years old and for the past 21 years has been owned by Mr. and Mrs. Thompson. During this time Mr. Thompson has made a careful study of methods of caring for the trees and this year has the heaviest crop the orchard has ever produced.

Mr. Thompson believes that one of the reasons his apples are of such fine quality is that his orchard is sprayed seven times each year. The first or "clean up spray" is in the early spring and is to prevent scale. The second spray is when the trees are "in the pink" or just before the buds burst into bloom. This is to prevent scab and scale.

The third spray is applied just after the petals fall and is for both scab and codling moth. The trees are sprayed again in two weeks to fight the dreaded codling moth. Another spray is applied in June for the same purpose.

The sixth spray is given in July or August and is again a codling moth spray. Sometimes blue-stone is used in this spray but if not a seventh spray is applied and this is to prevent anthracnose.

When asked when the trees were pruned Mr. Thompson replied "when ever my knife is sharp," but went on to explain that pruning is usually done in the late winter and early spring but that he favors a good bit of summer pruning. Summer pruning is a great help in developing color in the fruit and encourages the forming of fruit spurs rather than wood growth.

Mr. Thompson says that winter pruning produces wood growth and that on matured trees this causes a very heavy crop that season but a near failure of the crop the following year.

The orchard is cultivated just after the apples are removed, when vetch is disked in. In the spring this cover crop is turned under. The orchard is usually cultivated twice after this. Mr. Thompson believes that too much cultivating wears out the soil and does much more harm than good.

Despite the fact that the trees were thinned this summer almost every tree is heavily loaded with fruit this season. Among the varieties of apples produced in this orchard are Stark's Delicious, both golden and red; Spitzenberg; Baldwin; Northern Spy; Vinton's raspberry red; Grimes' Golden; King; Red Cheeked Pippen and Vanderpool red.

For local trade the apples are graded according to size and are in three grades. For shipment they are graded as fancy, extra fancy and C. Windfalls are sold for cooking apples and for cider.

SAFER DRIVING ON STREETS IS URGED

Requirements in Connection With Safety Zones are Pointed out Here

An appeal for safe driving in Salem is being made by the Oregon State Motor Association, in an effort to forestall injuries to the many children who are now crossing the streets on the way to school. F. B. Jones, district manager here, yesterday issued the following statement:

"The Oregon State Motor Association is making an appeal to the motorist for safe driving, now that school has opened, and the return of youngsters to the streets will create new traffic hazards, and they urge careful driving on the part of every car owner. This can be brought about only by careful driving, and ad-

ded care will go far in reducing the number of deaths and fatalities.

"Over the country there has been an improvement in traffic fatality among children, but the problem still challenges the nation. This improvement is largely attributable to safety education in the schools and to successful operation of the schoolboy patrol."

"Please remember that among the children returning to school there are a large number of little tots who for the first time, are leaving the protection and safety of their home to enter an entirely new world. The city has marked off safety lanes around the school near. Please co-operate. And if there is any one in this safety lane, come to a stop."

IMPROVE CROP

OREGON CITY—Members of the Estacade Berry Growers' association are planning to improve both the quality and quantity of their crop next year. They recently purchased 25 tons of commercial fertilizer and many of them will use cover crops between the berry rows for the first time.

SALEM GUESSERS HIT CHEESE MARK

Mrs. J. I. Sears and W. H. McRae Among Eight Who tie for top

Mrs. J. I. Sears, North Winter street, and W. H. McRae of Marion Creamery are among the eight best "cheese guessers" in the state as demonstrated by the weight guessing contest at the state fair last week. The weight of a large balloon type cheese placed on exhibit by the Interstate Associated creameries was a puzzle to over 5000 persons who ventured a guess in order to win one of the five-pound loaf Interstate cheeses offered as prizes.

Five rewards were offered, but when the tabulation was made it was found that eight persons had tied for first. No one guessed the exact weight, which was 224 pounds and four ounces, but eight were within a quarter of a pound of the correct figure.

Both Mrs. Sears and Mr. McRae guessed 224 1/2 pounds and the other winners were Donald Shelton, Monroe; Mildred Steinhoff, Sherwood; William Delkman, Seilo; John Aschm, Tillamook; G. Earl Low, Coquille and Alvin R. Moore, Portland.

Wild guesses ran from as low as 15 pounds to as high as 2500. Many guessed half a ton and the average guess was about 500 pounds. Max Gehlar, director of agriculture, was one of the close guessers as was Lawrence Thomas of Mt. Angel college stock farm. Over a hundred folks placed their estimate at 225 pounds which missed by only 12 ounces.

The Interstate Associated creameries is composed of seven producers organizations of which the Dairy Cooperative association is one of the largest groups. B. P. Thorsell of Astoria is in charge of the booth at the fair and was assisted during the week by R. W. Clarke, local manager of the dairy association. Over a ton of milk was used in the manufacture of this "big cheese."

PLANT IS HANDLING SURPLUSES OF MILK

In order to handle the surplus milk which appears on the market in large quantities each Saturday and Sunday and in lesser amounts every day the Dairy Cooperative association has opened a separating plant in the Proskitt building at East 11th and Belmont street, according to word from the Portland office.

The machinery was put in use yesterday and over 24,000 pounds of milk was separated, for butter cream being sold to various distributing companies and butter-making plants in that city. The producers organization will not engage in retail sales of milk or cream but will be able on a moment's notice to supply any wholesale or retail distributor with sweet cream or ice-cream mix. said Will W. Henry, manager yesterday.

PASTURE PROJECT

HILLSBORO—One of the cheapest and most efficient pasture projects in Washington county has been installed on the J. J. Van Kleeck farm in the Kinton community. Mr. Van Kleeck has had a large gate valve installed in his 14 inch tile system draining 30 acres of bottom land and plans to sub-irrigate the field throughout the dry summer season, with the same system.

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