

FARM BUREAU NEWS

(From the Morrow County Farm Bureau News.)

SUCCESSFUL SHERMAN FARMERS GIVE ADVICE

Victor Smith of Wasco: "Cull your seed wheat until you discount at least 20 per cent of the light wheat berries. This will insure strong, vigorous plants.

"To kill the fire weed sow early, and harrow the ground after seeding and the weeds have started but before the grain comes up. Don't harrow the grain in the spring.

"Sow Tukey Red but sow it in the dusk, but if you sow in the dusk don't sow any deeper than one and one-half inches under any circumstances.

"Plow early and harrow down soon after using the rod weeder frequently during the summer.

"Cultivate the summer fallow from five to six times during the summer season allowing no weeds to grow either before or after plowing."

Supt. D. E. Stephens of the Morrow Experiment Station: "No packer has ever proven of real value on this station.

"Harrowing weeds gives an average decrease in yields of two bushels per acre covering a period of about seven years.

"June plowing gives seven bushels less per acre than April plowing. At two dollars and a half a bushel the farmer who plows in June instead of April penalizes himself by so doing, seventeen dollars and fifty cents per acre.

"June plowing does not improve with good cultivation. April plowing with good tillage improves five bushels per acre, on an average.

"Every week you delay plowing until April first costs one bushel per acre if you till your summerfallow.

"Yellow-berry Turkey is grown on ground deficient in nitrogen. This condition of the ground is caused by dry plowing, allowing the weeds to grow before plowing, or poor summerfallow tillage, or by all of these, and they all tend to decrease the value of your wheat.

"In order to create a greater amount of nitrate for the plant it is necessary to increase the holding capacity of the land for moisture and keep down the weeds."

COST OF ALFALFA HAY
 Figures Show \$16.50 Per Ton.

In Morrow county there are a number of acres of highly productive alfalfa land, and we hear every price from \$5.00 to \$25.00 as the cost of hay production, however, we have very few figures upon this matter. Due to the fact that we have not really the consent of the farmers interested for the publication of these figures, the counties from which these figures are taken will not be given. However, the figures were taken by a representative of the Agricultural department and were of sufficient accuracy and completeness to receive the credence of the State Public Service commission and so may be accepted as authentic. More than a hundred farmers in the county are keeping careful records this year with the idea of checking 1920 against 1919. In this particular county which is one of the most productive alfalfa counties in the state of Oregon, a survey was made of sixty-two farms. The average number of acres under cultivation on these farms was sixty. The average price per acre for the land was \$230. Average yield a little less than 4 tons an acre. The average price received on the farm for the hay, which was also fed on the farm to the cattle belonging to the buyer, was \$15 per ton. On these farms 75 per cent of the income from the farms was received from the sales of alfalfa hay. The average water rental each year was \$6.75 per acre. The average value of machinery and equipment was \$780.00. The average value of live-

stock maintained on the farm \$550. With this as premises the following is the cash expense incurred:

Farm labor	\$790.00
Water	500.00
Interest and taxes actually paid	150.00
Depreciation in machinery and horses	125.00
Miscellaneous expense	375.00

After carefully figuring out what each farmer actually paid for the production of each ton of hay after deducting from this the incidental incomes from a number of matters it gave a total real cash outlay of \$5.60 per ton. The average interest at 7 per cent on the valuation of the farm was \$1050.00. The average amount of time each owner appraised personally towards the crops at ordinary wages without allowing special rate for supervision was \$384.00. The average number of tons of hay raised on these farms was 184 tons. The extra cost due to owners labor and interest on investment amounted to \$10.70 per ton. This added to the \$5.60 per ton cash outlay made a total cost per ton actually proven by figures of \$16.30. We would like to have every alfalfa owner carefully compare these figures with what his own bill of expense shows. These are figures that are worth real consideration. However, in order to be of real value every farmer interested must keep a set of figures that will enable him to know exactly what his hay does cost him. Unless you can prove just exactly what your hay cost you will have no complaint at the price that you receive. Whether hay can be sold this year on a basis of these figures plus a reasonable profit remains to be seen. Many herds have been reduced because of the weakness of the beef and mutton market and also because of the fact that breeders feel at the present prices for livestock that are unable to feed the hay of this price. However, the dairy market really pictures to a very large degree the price of hay. No man can read the future.

Howell Visits Morrow County.
 Henry Howell, that well known tractor farmer who has made such a tremendous success of improved farm methods around Wasco, last year raised 1800 acres that averaged 40 bushels per acre. This year he plowed 1100 acres 11 inches deep. Has any Morrow county farmer anything to say about this, and that on soil very comparable with that near lone.

He says, "disk your land sometimes before plowing, either fall or spring." To show his faith in deep plowing, this year he plowed eleven hundred acres, eleven inches deep. This was done with Best tractors.

In his opinion a two ton truck is the heaviest practical truck for dirt road and is strong for pneumatic tires. To show his faith in tractor farming he has experimented with a number of tractors and now has five Best Sixty's on his land in Morrow county. He says that a Best Sixty will pull a Holt twenty-foot combine with ease over any ordinary ground. One big advantage that the Sixty has over some of the others is that it is not necessary to have a regular plow man with the Sixty caterpillar. He makes a practice of allowing the engine man to handle the plow as well, this saves one man. The Harris combine is preferable in his opinion to the Holt as it saves the grain a little better. When asked by Morrow county farmers how much wheat to sow, he says that he sowed all the wheat that his drill would let him, but he thought that for shallow ground it is possible to sow too much. Turkey Red wheat adjusts itself to the amount of seed sowed per acre with greater adaptability than any other known variety. If you have no rains before October 15th sow your grain in the dust, when this is the case sow as shallow as possible if it is covered only half of an inch deep it is a good deal better than when covered an inch and a half, because Turkey wheat springs up just a slender, spindling stem until it reaches the surface of the ground. Harrow after you have seeded in the fall as soon as the weed sprouts are an inch long.

Many Acres of Seed Wheat in Morrow County

The Farm Bureau was fortunate in getting the assistance of Professor George R. Hyslop to select seed wheat fields in Morrow county. Sherman county began this work three years ago and some of this wheat certified the first of the year is now locally known as the Doak strain of improved Karkoff Turkey. Some of this same wheat was this year examined and found to contain only .13 of 1 per cent mixture. This is splendid. It proves that a good start of clean seed is worth getting for it can be kept clean.

Not a field of good forty-fold seed could we find in the county but if interested send us your order for what you want as we can get a car-load of splendid forty-fold from Condon at five cents above the market price in Condon.

The following have seed wheat certified for purity as listed:

Tom Boylen, Echo	Hybrid 128
E. M. Huiden, Heppner	Hybrid 128
C. E. Melville, Echo	Bluestem
E. H. Miller, Lexington	Bluestem
Harry Duvall, Lexington	Turkey Red
R. W. Snider, Heppner	Turkey Red
E. M. Huiden, Heppner	Turkey Red
Hugh Berry, Lexington	Turkey Red
Earl Warner, Lexington	Turkey Red
A. W. Nelson, Lexington	Turkey Red
Amos Straight, Lone	Turkey Red
Jeff Jones, Heppner	Turkey Red
Rood Bros., Heppner	Turkey Red
Ed Reitmanner, Lone	Early Baart
Will Sticker, Heppner	Blue Barley
Dwight Misner, Lone	Spring Barley
Six rows White Spring Barley	
Roy Campbell, Lexington	Turkey Red
Roy Tyler, Lexington	Turkey Red
Chas. Cox, Heppner	Turkey Red
Wightman Bros., Heppner	Turkey Red
John Brown, Heppner	Bluestem
John Padberg, Lexington	Turkey Red
A. W. Lundell, Lone	Early Baart
Len Ashbaugh, Hardman	Spring Barley

Plan to get some good seed this fall. Last year several crops were held over because of mixture and finally sold this season for less than \$2.00 per bushel.

GOOD SEED yields more bushels and gets a better price than poor. It pays to have the best.

Full certificates will be published in next month's News. Watch for it.

We tried to get a good field in every neighborhood. Sometimes it did not exist and the limited time that we could keep the professor prevented a more complete canvass and we are reasonably sure that several fields would have certified if we could have gotten to them but this is all that we could find in a four and one-half day hunt over the county.

Hundreds Passed Through Jail to View Slayer of Taylor

The doors of the Umatilla county jail were thrown open by Sheriff "Jinks" Taylor the first of the week and for several hours throngs of people passed through the office and took a look at Neil Hart, the jail breaker who has admitted that he shot Taylor, and his accomplices, Jim Owens and Jack Rathie, the ring leaders in the jail break of over a week ago.

Hart, Owens and Rathie, heavily chained, were stationed in a passageway between cells, where they could be viewed from the jail entrance.

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HOW TO GET THAT WHEAT TO MARKET?

A question that has been on the mind of more than one farmer the past few weeks. Scarcity of transportation facilities makes the problem a difficult one—except that farmer can buy a good truck and save enough on the season's hauling to pay for that truck.

When we say "a good truck" we mean the U. S., one of the five standard trucks on the market today.

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