

AUTO TRUCK IS WINNING FAVOR

Machines Are Rapidly Taking Place of Animal Power in Hauling Products.

IMPROVED ROADS BIG HELP

Development of Regular Freight Service is Considered Notable—One Farmer Uses Ten Trailers Drawn by Tractor.

Motors are rapidly taking the place of animal power in hauling products from the farm in many counties in the United States where the roads permit. A significant phase of this new development is the growth of regular freight service, by which farmers can hire the taking of their produce by motortruck directly from the farm to a distant market, and thus avoid both the wagon haul and the shipment by railroad or boat.

Of 1,473 county reports received by the bureau of crop estimates of the United States department of agriculture in its recent investigation of the hauling of products from farm to shipping point by animal power and by motor, 898 reported the use of motors, mostly motortrucks. In a large fraction of these counties, motortruck service is just coming into use in hauling products from the farm. There were many more reports of use for light traffic, such as poultry, eggs and vegetables, than for hauling grain. A few reports, scattered from Delaware to the Pacific coast, mentioned the great importance of the light motortruck service in delivering perishable fruits to shipping points.

In many states, especially in the northern and south central sections, hogs were hauled preferably in motortrucks on account of the relatively small amount of shrinkage compared with hauling in wagons. Some counties reported hogs hauled exclusively in motortrucks, although these vehicles had not yet come into general use for grain or other products.

Improved Roads Help.

One of the chief limitations to the use of the truck is the condition of the roads, and several reporters mentioned a beginning of motortruck use as following closely an improvement in roads. Another hindrance to using motors is connected with the seasonal distribution of farm work. Some correspondents said that after their harvest was over there was no work for their horses to do but haul, and that motortrucks would not be an economy. In other instances, the trucks were reported to have done needed hauling at times when laborers and horses could not well be spared from the farms. A market gardeners' association in Rhode Island is said to be operating a few trucks with trailers and to carry produce to the city market at a cost averaging only 10 cents per ton-mile.

Frequent mention is made, even in the East, of trucks which do a regular freighting business, charging farmers for the service. One Tennessee farmer reported having paid a truck to haul a load of 15 hogs to market a distance of ten miles, and the trip was made in the evening after supper.

Used a Regular Train.

Tractors with trail wagons are in more or less frequent use in various states, including North Dakota and California. One Illinois man reports using ten wagons drawn by one tractor and moving 1,000 bushels of wheat at a time.

The great variety of local transport conditions in the United States is il-

lustrated in some notes from these county reporters. One man gives an average of 15 miles as the longest distance for any considerable number of farmers, but explains that the haul is to the Cumberland river, which, in his county, is navigable only five months of the year; for the other seven months the haul is 40 miles to a rail road. In Mathews county, Va., few trucks are used; but, since the county is indented by several navigable waterways, motor boats and sail boats are used by the farmers to a considerable extent. One reporter in western Oregon says that neither roads nor automobiles are to be found within 20 miles of his home; produce is carried on pack mules, over difficult trails to a landing on Rogue river. The heavy hauling in Mecosta county Mich., as in some other northern counties in the United States, is often postponed until snow comes, when sleds are used.

TAKE A GRAPE CURE

The effect of unfermented grape juice as a drink has been studied at the European "grape cures" and to a slight extent in laboratories. It is generally claimed that the consumption of a reasonably large quantity of it improves digestion, diminishes intestinal fermentation and results in an increase in weight.

Wintering Idle Horses.

At this time of the year practically all the heavy work on most farms has been finished, and during the winter horses are more or less idle. Since idle horses give no return in labor performed, the feeding should be as economical as possible, and proper care should be taken of the animals in order that they may be in the best possible condition for work in the early spring.

Horses should not be confined to the barn during the winter on a liberal supply of grain. It is far better to "rough" them through the cold months. They should be given the run of the yard or lot during the day. This should be provided with a protected shed, one that is thoroughly dry and well provided with bedding. While nature does her part and protects the horse with a heavy coat of hair during the cold months, the shed is necessary in order to afford the requisite shelter and protection against rains, snow, and cold winds. Winter winds come mostly from the north and northwest, and the shed should be so situated and constructed as to give the proper protection from this quarter.

In the feeding of idle horses high-priced feed should be avoided in order to keep them in proper condition at the lowest cost. It has been found that idle horses do very well on a winter feed consisting of all the hay, oat straw, cornstalks, or sorghums they will consume, so that little grain is necessary. Idleness also permits of a more thorough mastication of the feed, thus insuring proper digestion.

Farming a Business.

A farm is a business, and crop yields are only one part of that business. Studies in farm management show that a farm to make money must usually have a large business, must have good crops and live stock, and must have these enterprises so selected and organized on the farm that the labor will be kept busy throughout a large part of the year. While it is important that a farmer avoid poor yields, he should not judge the success of his farm by its yields alone.

Marketing by Parcel Post.

In most communities there is a great opportunity for marketing eggs and poultry by parcel post. Often this plan gives better satisfaction than the usual method.

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BUTTER CREEK ITEMS

SPECIAL CORRESPONDENCE

Heistand Moore was in Umatilla last Monday.

Jack Stanfield of Echo is helping on his father's ranch during the second crop of alfalfa.

Miss Verne Rial was the guest of Miss Bernice Spencer on Sunday.

Invitations have been issued for a party on Saturday, August 9, to be given by L. Rhea in honor of Cloyd Tillson of Portland, who is Master Lam's guest during the summer vacation.

Word has been received from Wilbern Savely, who is still in France. He has been there nine months, and says in the letter that he will be glad when he is ordered home, which will probably be next month. Wilbern is a brother of Lee Savely, a prominent lower Butter Creek rancher.

Heistand Moore has purchased a new Case car and also a new Ford.

Little Misses Helen and Ester Jacobson of Stanfield are spending a few days with Lucille Richards at the home of her father, Glen Richards.

Roy Attebury and family are enjoying an outing in the mountains. Mrs. Glen Richards and children were visitors to Stanfield Wednesday.

TAKEN UP

Notice is hereby given that the undersigned has taken up and holds at his ranch 4 1/2 miles east of Hermiston the following described stock:

One black horse aged 10 years, weight 1400 pounds; white star in forehead; branded W—on left hip.

The above described property will be sold at public auction to the highest bidder for cash in hand on Monday, August 25, 1919, at 10 a. m., at the above mentioned ranch, unless redeemed by owner.

47-2tc Joe Udey.

WANT ADS.

Team For Sale—Weight over 1400 lbs each; also harness, wagon, etc. H. T. Hart. 46-2tp

Bartlett Pears 4c per pound at Hanby's orchard. Bring your own containers. 471tc

For Sale—One yearling Jersey heifer; a purebred but not registered, \$25. Geo. H. Root. 47-1tc

For Sale—158 acres of partly improved land in Jefferson county; or will take good auto in part payment. Call on or write A. L. Luce, M. R. A., Hermiston, Ore. 47-3tp

Bartlett Pears 4c per pound at the Robb Bros. orchard. Bring containers. 47-3tc

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To Trade—For improved land anywhere on the project, 40 acres of improved land in Benewah county, Idaho, two miles from good town. Some timber; in fine hay, grain and fruit belt; requires no irrigation. Leslie W. Adams, Hermiston, Oregon. 47-4tc

For Sale—Saddle horse, also good Jersey milk cow and two calves. Lou Rogers, near W. W. Rogers ranch east of Hermiston. 47-2tp

For Sale—On account of going into other business, I will sell my home place, 20 acres, at a bargain. See me about it. 1 1/2 miles north of Hermiston. R. M. Hood. 471tc

Ginseng.

Ginseng is a plant of the genus Aralia Panax, also the root of this plant, which is highly valued as a tonic and stimulant by the Chinese, who ascribe to it almost miraculous powers. The Manchurian is most esteemed, and sells for several taels per liang, or Chinese ounce. The true ginseng is a native of northern China and Korea. A quinquefolia is a very closely allied species of the eastern United States, and its roots have been largely exported to China as a substitute for the true ginseng. The only medicinal effect in either case is that of a mild aromatic stimulant. Dwarf ginseng, the Aralia trifolia, is a low species of the United States, with a globose pungent root.

NOTICE FOR ELECTION

In the County Court for the State of Oregon for the County of Morrow. In the matter of the Organization of the John Day Irrigation District in Morrow, Gilliam and Umatilla Counties, in the State of Oregon.

Notice is hereby given that an election will be held within precincts number one, number two, and number three, within the proposed John Day Irrigation District in Morrow, Gilliam, and Umatilla counties, in the State of Oregon, on the 23rd day of August, A. D. 1919, between the hours of eight o'clock A. M. and eight o'clock P. M. of said day, at the polling places hereinafter designated, within said District for the purpose of determining whether or not the said District shall be organized under and by virtue of the provisions of Chapter 357 of the General Laws of Oregon for the year 1917. The electors with said districts shall be required to cast ballots at said election which shall contain the words: "Irrigation District, Yes" and "Irrigation District, No," and also the name of such directors as shall be nominated to be voted for at such election, which directors shall be elected by the district at large. That the said precinct number one shall comprise all that portion of the proposed district lying east of the west line of sections 33, 28, 21, 16, 9, 2, in Township 2 North, Range 24, E. W. M also north of the north line of sections 4, and 5 in Township 2 North, Range 24, E. W. M. also east of the west line of Sections 31, 30, 19, 18, 7 and 6 all in Township 3 North, Range 24, E. W. M. also north of the north line of Section 6, Township 3 North, Range 24, E. W. M. and sections 1 and 2 Township 3 North Range 23, E. W. M. and east of the west line of sections 34, 27, 22, Township 4 North Range 23, E. W. M. That the voting place in precinct number one as herein before described was by an order of the County Court made and entered on the 12th day of July, 1919, designated to be at the James Carty residence, located in section 10, Township 2 North Range 25, E. W. M. That said precinct number two shall include that part of said district lying west of the west boundary of precinct number one as hereinbefore described, and south of the north line of sections 3, 4, 5 and 6 in Township 3 North, Range 23, E. W. M. and lying east of the Gilliam - Morrow county line. The voting place of precinct number two as hereinbefore described, was by an order of the County Court made and entered on the 12th day of July, designated to be at the J. E. Crabtree residence, located in section 34, Township 2 North, Range 23, E. W. M. That the said precinct number three shall comprise all of that part of said district lying west of the Gilliam-Morrow county line and north of the north line of section 6, 5, 4, and 3.

(Continued on Page Three)

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