

Farm Management

The Provincial Farm Tractors.

EARLY this spring the Provincial Government purchased 28 farm tractors to aid in the greater production movement. The experiment was an interesting one and now the Minister of Agriculture, Sir Wm. Hearst, has issued a preliminary report as to the work that has been ac-

complished and some of their experiences with them. In each case the county demonstrator had direct supervision over the tractors and thus fairly accurate and authentic information was obtained. Nine different makes were experimented with in 21 counties and besides resulting in increased acreage, the farmers have been enabled to gain information as to the utility of the tractor on their farms or those of their neighbors.

Cost to the Farmer.

The farmers were charged at the rate of 35c an hour while the tractor was actually engaged at work. To

this was added the cost of fuel. Kerosene was used in most cases, due to its cheapness. The actual cost has not been figured out in the preliminary report, but if the wide demand for the tractors by the farmers is any criterion of the cost and popularity, it must have been light.

Three bottom plows were used in all cases and in some cases disks. On wet land they did not prove very satisfactory, likewise on stony and rolling ground they were not effective. The acreage plowed per hour varied according to the type of soil and condition. The maximum was two-

thirds and the minimum one-third of an acre per hour. The acreage disked varied from 1 1/2 to 2 1/2 acres. The final report of the minister on the details of the experiment will be looked forward to with much interest.

Sweet Clover Destroyed.

LAST year, when sowing peas, I seeded down sandy ground, "poor land," with sweet clover. With the long dry spell, the peas died out and there was not much growth of clover. This spring the clover sprouted well, but something, either a grub or blight, is attacking it and simply eating it off to bare places, not leaving the sign of a leaf. Some leaves are half eaten, others have a few small holes through them, and others are left with a transparent film across them. Would like to know the trouble.—J. T. Mantoulin Island, Ont.

You should make a careful examination of the plot affected and find the offender. The margin of the plot should be examined when the work is being freshly done and the plants carefully looked over, also removing some of the surface soil. It is very possible that some species of cutworm is at work and feeding only at night. If so, the grasshopper remedy as given in my spray calendar, if applied late in the evening, would kill them. The best way would be to send me samples of the insects commonly found. It may be necessary to use a lantern at night to watch the feeding and discern the culprits. If you have no spray calendar, write to A. W. Baker, O.A.C., Guelph, for a copy, and he will forward it.—L. Caesar.

The Tractor in England.

THE submarine menace and scarcity of bottoms last spring created a panic in the Old Country. Greater home production was demanded and one method taken to secure this was by using tractors. The Royal Agricultural Society has made its report on the work of these and in it emphasizes the efficiency of the tractor.

The report says that they did their work easily and were light on the ground. A very narrow head land served for turning around. The average amount plowed was one acre per hour and 30 minutes. The fuel used was kerosene and at the rate of two and one-half gallons per acre. The committee is now urging the British Government to take steps to begin tractor construction at home. Loss used at present having been imported from America.

Protection of Crops.

CROP protection means crop production. Canada loses over one hundred million dollars worth of her staple crops every year through the depredations of insect pests. A large portion of this loss could be prevented. As we cannot afford to lose the smallest portion of our grain and other food crops during the present critical period when the production of food is of supreme importance, the Dominion Department of Agriculture is making every effort to prevent, as far as possible, losses due to insect pests. Crop protection must go hand in hand with crop production. Insect pests are not usually noticed or reported until they have caused considerable damage. Therefore it is urged that the closest watch be kept on all crops for the first appearance of any insect pests or damage. Immediately such damage is observed steps should be taken to control the outbreak in its incipient stage. If the pest or the method of control is unknown, specimens of the insect and its injuries should be sent at once to the nearest of the following sources of expert assistance: The Agricultural Colleges, the Provincial Departments of Agriculture or their local District Representatives, the officer in charge



Real Daylight Saving

In the harvest time every hour between daylight and dark is worth money to the busy farmer.

You get an early start in the morning intending to do a big day's work, but the

binder, mower or other implement breaks down and you must go to town for the repairs. If you have a Ford you are soon away and its speed clips two hours off the former three-hour journey there and back.

Count up the extra half days that a Ford will save you

during the rush of seeding, haying and harvest. You will find that the Ford will save you a week or more of valuable time on your necessary trips alone.

Many times you will want to take some produce along with you. Then your staunch

Ford is ready to carry a load of 1000 pounds. How handy this would be?

Once you own a Ford and find out the many ways you can use it for business and pleasure you will wonder how you managed without it.

The Ford is an economical investment, and a necessity on every farm.

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Touring - - \$495

Runabout - \$475

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