

1. To promote rural telephone service throughout the riding;
2. To carry on co-operative buying of clover and grass seed through local seedsmen in order to secure purity and No. 1 quality;
3. To import seed corn on the ear;
4. To import tile in carload lots;
5. To establish one variety of potatoes as the representative variety for this section;
6. To run an excursion to Macdonald College in August, 1909;
7. To inaugurate an annual ploughing match, October, 1910.

We have now two cow testing associations in the south riding, both doing good work. Since the inauguration of the first one three years ago, we have looked after the secretary's duties in this office.

Certainly nothing undertaken by the Department through us has increased our sphere of influence so materially as the holding of Short Courses, conducted by such men as President Creelman, Prof. G. E. Day, Prof. C. A. Zavitz, Dr. Reed, T. G. Raynor, C. M. McRae and L. H. Newman. Perth, Carleton Place, Almonte and Lanark village have already been favoured with these, the two latter in the spring of 1910. At the present time, we are organizing one in Smith's Falls. Each event brings us in touch with anywhere from 300 to 800 farmers. The direct benefits have been noted in innumerable ways in subsequent seasons.

In June, 1910, we held four very successful Weed and Seed Meetings at Almonte, Middleville, Macdonald's Corners and Maberly, addressed by Mr. Simpson Rennie.

In Lanark county, we have some 90,000 acres of swamp and slash land, much of which is now being brought under cultivation with the opening up of municipal and award drains. In a great many instances, this muck land has not given satisfactory results after the first few years. For three seasons we have been conducting extensive fertilizer experiments on different types of muck with a view to rendering these areas profitably productive. These experiments have been conducted at different points throughout the county and have been under our direct supervision. On the whole, the results have been most encouraging. As all of our experiments this year are with root crops some of which have not been harvested, I am unable to give figures for this year's results. In one case where oats were grown, the yield was increased from 15 bu. to 40 bu. per acre, at a cost of about \$5 per acre. At the same point, the influence carried over from the preceding year made possible an increase of 15 bu. over the unfertilized. Equally good results were obtained last year with millet, rape and mangolds at other points.

During the past season, we have concentrated on underdrainage work. In the county as a whole, and particularly in South