

MAXIMUM CROPS---1917

BY

W. L. GRAHAM, B.S.A., *Assistant Field Husbandman.*

In other words, "The greatest yield on the greatest area which we can properly sow, cultivate and harvest," should, in an especial way, be our motto and watchword for 1917.

Our part of the task is to provide nature with the most favourable medium in which to carry on her work of germination and growth. To do this, we must pay earnest attention to devote our very best effort to all factors affecting crop yields.

We must, therefore, look ahead and plan. Each part of our equipment of seeds, machinery and power demands its share of attention. Then, with everything in readiness, with the spirit to "do our bit" as well as we possibly can and better than ever before, we shall be prepared to accomplish our aim.

To do the best work all must be in readiness for the rush. We are ready for the rush when—

POWER.

When the horses are in condition—well fed, exercised, hardy, mated, harnessed properly; **use three, four or five or even six horse teams where possible.**

IMPLEMENTS.

When the implements are repaired; repair parts on hand for emergencies; **wider, larger, new machines set up. Don't forget the grease and oil.**

SEED.

When the seed grain is **cleaned, graded, and bagged**, you should treat it for **smut**. The cost is low; it takes little time and results in larger yields.

Always treat wheat and oats. Do it this way:—

Bluestone solution.—5 pounds commercial blue stone to 50 Imperial gallons of water.

Formalin solution.—1 pound formaldehyde (normal strength) to 40 Imperial gallons of water.

Steeping method.—In bluestone solution, immerse grain not less than two minutes—not more than three minutes. In formaldehyde solution, not less than four minutes and not more than five minutes.

DOMINION EXPERIMENTAL FARMS.

J. H. GRISDALE, B.Agr.,
Director.

W. L. GRAHAM, B.S.A.
Assistant Field Husbandman.

SPECIAL CIRCULAR No. 2.

17165b

