

ROTATION "G" (SIX YEARS' DURATION).

- First year*—Wheat. Plough stubble in autumn.
Second year.—Wheat. Plough stubble in autumn.
Third year.—Oats or barley. Seed down with 5 pounds timothy and 5 pounds western rye grass per acre.
Fourth year—Clover hay.
Fifth year—Pasture.
Sixth year—Corn or roots. Apply manure previous autumn.

This is a mixed farming rotation providing for wheat, coarse grains, hay, pasture and fodder corn. It has been giving excellent results at the Brandon Experimental Farm.

ROTATION "H" (SIX YEARS' DURATION).

- First year*—Wheat.
Second year.—Wheat.
Third year—Summer-fallow.
Fourth year—Oats. Seed down with a mixture of western rye grass, red clover and alsike.
Fifth year—Clover hay.
Sixth year—Pasture. Apply manure.

This rotation is suitable for a farm where grain is still the principal crop, but where hay and pasture are desired for stock. It has no hoed crop and is therefore suited to the farmer who considers a hoed crop impracticable under present labour conditions. It is being operated at the Brandon Experimental Farm only.

ROTATION "J" (SIX YEARS' DURATION).

- First year*—Summer-fallow.
Second year—Wheat.
Third year—Wheat or coarse grain.
Fourth year—Oats. Seed down with western rye grass, red clover and alfalfa.
Fifth year—Clover hay.
Sixth year—Pasture.

This rotation is giving good satisfaction at Indian Head, Rosthern and Scott. Combining, as it does, three grain crops, two grass or hay crops and one fallow in six years, it is well adapted to conditions where it is desired to keep a small quantity of live stock. In particularly dry seasons it will probably be difficult to get a good stand of grass where a nurse crop is used.

ROTATION "R" (NINE YEARS' DURATION).

- First year*—Summer-fallow.
Second year—Hoed crop or peas. Manure at rate of 15 tons per acre.
Third year—Wheat.
Fourth year—Oats.
Fifth year—Summer-fallow.
Sixth year—Wheat.
Seventh year—Oats. Seed down with western rye grass, red clover and alfalfa.
Eighth year—Hay.
Ninth year—Pasture.

Because of the relatively small proportion of wheat it supplies, this rotation may not find immediate favour among farmers, but results so far point to it as a valuable rotation where mixed farming is being adopted. It is being tested at Indian Head, Rosthern and Scott.