

HOUSING.

Enormous sums are spent annually by the farmers of Canada for implements which, due to neglect, last on the average only half as long as they would if given proper care. To equip an average farm with machinery costs about \$1,000. Implements subjected to the deteriorating effects of the weather and the mismanagement of the owner or operator will not do good work for more than five years. Thus there is necessary an expenditure of something like \$2,000 for each period of ten years.

The care of farm implements may be readily divided into five parts, each of which plays an important part in checking or eliminating one of the many leaks of the farm.

A comparatively cheap shelter will serve to protect the machines; one sufficiently roomy can be built for approximately \$400; which should be considered as money invested, for it will realize a good dividend.

The accompanying plan will meet the needs of the average farmer. It is capable of many modifications, and a careful study of the plan will be helpful to those who intend to build. Of course, the building can be made any length desired.

PLAN.

The building is 25 by 47 feet outside measurements. Concrete piers, 12 inches square, spaced at frequent intervals, support a 6 by 6-inch sill composed of two 3 by 6-inch pieces bolted to the piers. On this sill are placed 2 by 6-inch studs, which support a 4 by 6-inch plate composed of two 2 by 6-inch pieces. These studs are covered with 1-inch T. and G. boarding. The rafters are 2 by 8 inches at 24-inch centres and are covered with 1-inch sheeting and good cedar shingles, laid four and one-half inches to the weather. The roof is strengthened by trusses spaced about ten feet apart. These trusses consist of two 2 by 10 pieces, starting from each side of a rafter and bolted together at the centre with a 2-inch piece between them. Stock windows opening 3 feet by 5 feet are used. The sliding doors, which are built of V-joint boarding with battens on the back, are equipped with hangers and track. The centre door slides on the inside and the others on the outside.

