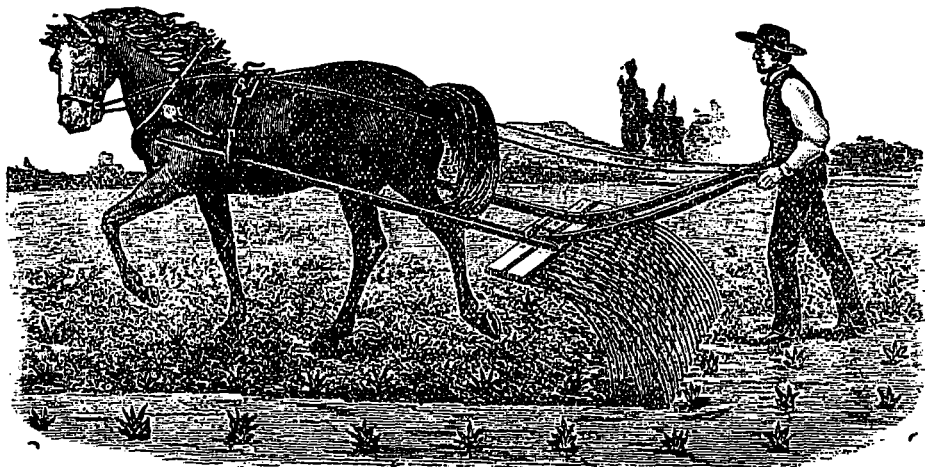


carefully study. No one grain is a perfect food for hogs. Seek to get an economical combination that will be rightly balanced for flesh, fat and heat (or energy) production. Barring peas in Manitoba and the Northwest, and some other sections, where "the bug" is troublesome, we grow all the leading grains to perfection, including the hard flint corn. Corn, however, is carbonaceous, largely fat and heat producing, so in feeding the bacon pig it must be used in limited quantities along with such food as shorts, oats, peas, wheat and barley. It is thought by some that the western dent corns are not equal to the hard Canada corn for fine quality of product. A bad general system of pig management may be responsible for some defects attributed to certain foods. Barley is one of our best "all-round" pig feeds, and for bacon is re-

is supposed to be endowed with flexibility that will enable him to adapt himself and his methods to the moods of Nature. The man who sits down and whines over a wet spell or gives way to despair over a drough is liable to end his days living off his relatives or the country. It's the man who tiles his wet land and who irrigates his dry land who succeeds. God gives the land and sends His sun and showers, but man's two hands, must do the rest—man's two hands and the brain that is behind them. The more brain the greater the success.

The above is an illustration of a "Weeder," manufactured by Messrs. David Maxwell & Sons, of St. Mary's, Ont., for the season of 1898. It is not a new instrument, however, and has been in



garded most favorably in Great Britain and Denmark. Ground peas alone make too heavy and compact a food, but a favorite way with many is to feed them soaked whole, especially to young pigs. Beans though not unlike peas, according to analysis, are regarded in great disfavor, as producing pork dark in color and of soft, inferior quality. In one or two limited district where grown extensively, owing to depressed prices the lower grades, especially, have been utilized in hog feeding.

### Miscellaneous.

#### NATURE'S WORKING.

Nature is firmly established in her ways, and no amount of importuning will change them. Man

operation for some years in Canada and the United States. It is highly praised by all who have used it and seen it used on both sides of the line. There can be no doubt that it is the most effective implement for destroying weeds without any injury to the crop. We can recommend it to every farmer. Directions for the use of the weeder are furnished by the manufacturers.

#### APPLES FOR COLD CLIMATES

The limit of successful apple culture has been steadily moving northward. This movement has been accelerated by the planting of crab apples and Russian varieties, especially the selection of native hardy seedlings and the adoption of better orchard methods. The Vermont experiment station has been investigating this matter and finds