

the new system. It certainly appears, even by a cursory observation, to be a great advance on the old method.

Passing to the next floor, all the available space seemed to be literally studded with machinery, and yet the arrangement is so perfect that the millers seemed to have no difficulty in reaching every machine so as to adjust it to perfect working order. The absence was noticeable of what in the old stone mill seemed a necessity, viz, a dust room. With the new arrangement dust catchers of the latest patent are used. They do their work so effectually as to do away with the clouds of dust so common in the generality of mills.

Ascending another flight of stairs the bolting floor is entered. The workmanship here displayed is an interesting sight, and reflects great credit alike on those who designed and those who constructed the machinery. Everything appeared to move in perfect harmony. There are 25 bolting reels, as well as centrifugal bolting machines which are coming so much into fashion lately in all first class mills. Mr. Packham said that he considered the bolting chests the best he had ever used or in fact had ever seen, and he has had many years' experience. On the upper storey were found various short reel chests for the treatment of various portions of the product from the different reductions. Access is had from this storey to the north and south wings.

In descending, the room where the smut-ting is done is passed through. On the upper floor is a smut machine which received the wheat from the Craig scourer. From this the wheat passes to the floor below where it enters a "wheat brush cleaner." From this it passes to another brush machine, and from this at once into the rollers to be comminuted and gradually converted into flour.

In this description nothing has been said of the immense number of elevators, conveyers, belts shafts, &c., required to move the products to and from the various machines, as it is impossible to include everything in so brief a summary. One cannot avoid being struck with the clock-like precision with which everything moves, and it is a credit to Mr. McEwan, who is devoted to his profession, and who may be justly proud of his success in remodelling two first-class mills, owned by two of the largest and most prominent millers in the Dominion, the mill of Mr. James Goldie here and that of his brother, Mr. David Goldie, Ayr.

Mr. Packham has been in the employ of Mr. Goldie 16 years, and under the old system always kept his flour up to the highest mark, and having made a special study of the subject is determined to make the flour under the new system, take a leading place in the flour market of the world. He is ably assisted in his work by Mr. James Goldie, jr., Mr. S. Schwalm, a miller of many years' experience; Mr. Roswell Goldie, Mr. Arthur Snyder and others, making an efficient staff of able, intelligent and active men.

The machinery, excepting the special machines mentioned, is from the well-known establishment of Goldie & McCulloch, Galt.

At present Mr. Goldie's sales are in Britain and throughout the Dominion, and we have no doubt that the spirit and enterprise manifested in this large outlay in introducing and perfecting the machinery to adapt it to the new process, and the con-

tinued energy and active management displayed, will command an extensive sale for his flour, and that our city will feel proud of the presence of so important an industry within its limits.

The advanced state of Agriculture in the Province of Ontario is due in a very large measure to the hearty and assiduous way in which its Legislature has at all times striven to promote improvement. The members have spared themselves no labour in their efforts to ascertain the real wants of the country in this respect, and they have spared no expense in carrying out measures that they felt were for the country's good. Their assiduity has alike ensured the growth of Agriculture and prevented those abuses that are so apt to grow up under the patronage of Governments. The *Maritime Farmer* calls attention to the recent speech of the Governor at the opening of the Ontario Legislature:

"The first, longest and most important paragraph was devoted to Agriculture. It noted the extremely gratifying progress of this great industry in the Province, during the past twelve years, the important services rendered it by the work of the Agricultural Colleges and Experimental Farm, and the Report of the Agricultural Commission, and to very important advantages which have already been secured by the Bureau of Statistics established last year. 'The statistical and other information relating to the agricultural interests,' His Honor added, 'collected by the Bureau strikingly exhibits the magnitude and importance of the material resources. In the production of cereals, especially, it is now ascertained that Ontario holds a foremost place when compared with the most favorable regions of this continent. A system which, besides its other objects, provides for annually publishing carefully gathered statistics of the farm, the forest and the factory is a valuable agency for exhibiting the growth and capabilities of the Province, and cannot fail to prove of essential service in attracting wealth and emigration from other lands.' Ontario is, even if there was no other reason, worthy of the title of 'leading Province,' for the interest taken by its people and legislature in the development of its agricultural capabilities. The Agricultural College at Guelph, that attracts students from all parts of the Dominion, is doing a great work, and the Agricultural Commission, in their elaborate report, present to those who study its volumes a most instructive view of the condition of agriculture, and most invaluable suggestions on all matters of 'general farming,' and subsidiary subjects.

New Brunswick may well follow the example of Ontario in developing and encouraging the interest which is 'the basis of a nation's wealth.' An Agricultural College for the Province, or the Maritime Provinces combined, will probably be established in the near future. The present Stock Farm will then be expanded into an experimental station, and form an adjunct to such an institution. In the meantime, by the establishment of the Stock Farm, the Legislature, through the Board of Agriculture, have laid the basis of solid improvement."

In the bitter waves of woo—
Heaten and tossed about
By the sullen winds that blow
From the desolate shores of doubt—
While the anchors that faith has cast
Are dragging in the gale,
I am quietly holding fast
To the things that cannot fall.

I know that right is right;
That it is not good to lie;
That love is better than spite,
And a neighbor than a spy.
I know that passion needs
The leash of a sober mind.
I know that generous deeds
Some sure reward will find;
That the valers must obey;
That the givers shall increase;
That duty lights the way
For the beautiful feet of Peace;
In the darkest night of the year,
When the stars have all gone out,
That courage is better than fear,
That faith is truer than doubt.

And fierce though the fiends may fight,
And long though the angels hide,
I know that truth and right
Have the universe on their side;
And that somewhere beyond the stars
Is a Love that is better than fate.
When the night unlocks her bars,
I shall see Him—and I wait.

Advertisements.

Resolution of Provincial Board of Agriculture,
3rd March, 1882.

"No advertisements, except official notices from recognized Agricultural Societies, shall be inserted in the JOURNAL OF AGRICULTURE in future, unless PREPAID at rate of 50 cents each insertion, for advertisements not exceeding ten lines, and five cents for each additional line."

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