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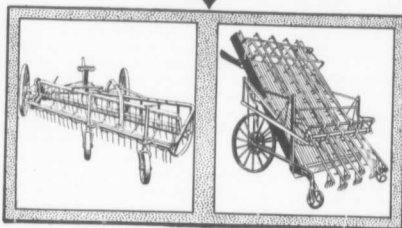
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THE GALT ART METAL CO., LIMITED, GALT, ONT.
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"Galt" Shingles



Save Time, Money and Labor With These DAIN Implements

The DAIN ALL-STEEL SIDE DELIVERY RAKE

won't whip or toss hay. Won't break off tender, nourishing leaves. The three sets of revolving teeth move close and handle hay easily. Shakes off water (after rain) and leaves hay with plenty of air space, so it is cured scientifically. Works around field, like the Dain Mower, leaves 3 swathes of hay upside down in loose continuous windrow, producing quality hay at its best, of the right color, retaining the rich nutritive juices. Rakes evenly because the reel is on an angle from main frame when raking with the swath—the rake teeth stand straight and point toward ground. Draw straight out of hay, which prevents it wrapping around reel. The Dain All-Steel Side Delivery Rake goes over stumps, roots and other obstructions; operates easily; built to last, of best materials. Does more than any other rake on earth.

The EASY-RUNNING DAIN HAY LOADER

is built of best material; guaranteed to do as we claim. Construction, simplest in the world, and has the lightest draft on earth. Loads from swath or windrow; works without friction, because principal parts are hammock mounted and swing like a pendulum without binding or strain. Rakes operate at exactly the right speed to require less power when working. Gathers hay from swath and divides swath at your will. Rakes are malleable with spring trip. Pass over all obstructions, spring back and fly into place. Operates close up to fences or ditches. Goes through ordinary farm gate. Elevator adjusts itself readily to light or heavy hay. Only loader made that is free from twisted chains, co-cores, drums, rollers, rollers, corner, and long crooked crank shaft. Stays in working order; needs fewest repairs. Lasts longest. 2

Don't spend a dollar for any hay-making implement until you get the Dain free catalog. Get this information. It will pay you. Write now.

DAIN MANUFACTURING CO., Limited

103 DAIN AVE., WELLAND, ONT.

Seasonable Hints on Swine

A. A. Caldwell, Durham Co., Ont.

Having been engaged in the production of hogs all my life, to some extent, but more particularly and extensively during the past 15 years, I venture to offer a few seasonable hints as to my method of feeding and caring for pigs at this season of the year. I like to have all my breeding sows, as well as stock boars, out on a nice piece of clover as early as possible in the



Thrifty Pigs in an Outside Run

Pigs, like other stock, can make good use of a pasture lot during their early period of growth. Breeding stock are especially benefited by exercise and green feed.

spring. In this way their blood becomes thoroughly cleansed and takes on a healthy condition. Pasture and a very small amount of grain in addition will keep them in excellent condition, in fact, fit for exhibition purposes, provided they get a few weeks of special fitting later on. This treatment almost invariably brings excellent results at farrowing time in August, September and October, in the way of good-sized litters with good muscle, bone and strength.

Never house a brood sow or service boar continually if you wish good results.

Now is the time of the year when the wide-awake farmer will be preparing his land and sowing a small piece of rape for early fall feed, or a piece of white turnips, pumpkins or similar crops for early fall and, of course, the regular acreage of mangels for winter use has been sown and will now be ready for the scuffer and horse. Keep them clean and the ground well stirred and watch them grow with this supply of food for summer, fall and winter.

Hogs can be produced with much



Breaking on the Western Prairies

The illustration is that of a familiar scene in the newer sections of the western prairies. Mr. Bert Morrow and his outfit, Humboldt District, Sask., is here shown. He has been from Ontario five years.

less grain and consequently at a lower cost on such feeds than where an all grain diet is used to produce pork.

A Real Mortgage Lifter

That there is no investment equal to drainage was the opinion expressed by Fred W. H. Day of the Ontario Agricultural College in a recent lecture on drainage before the Zion Farmers' Club, Peterboro Co., Ont. The dairy cow has been called the mortgage lifter, but in the opinion of the speaker for that capacity, there was nothing like tile drains. Results obtained by farmers in various parts of the province show an average increase of \$21.65 in a crop on drained land over that on undrained land. The policy of draining all the land was not advocated, but there are parts of all farms which require drainage. Drain-

ing will not cost over \$25 an acre, and once the drains are constructed they are practically permanent.

Some of the advantages of drainage, the speaker said, are: The removal of surplus water in the spring, the aeration of the soil, increased capacity of the soil to hold a warm soil. A drained soil will be from five to 10 degrees warmer in the spring than an undrained soil and is, therefore, a better seed bed.

In a drained soil, the water table is lowered immediately in the spring, giving the plants a chance to develop a strong, deep root system. They are then better provided with the means of obtaining both food and moisture during the dry parts of the summer.

The labor problem in many cases is the great objection to drainage. The ditching machine, however, promises to solve this problem so far as tile drainage is concerned.

Three feet is the ideal depth for tile drainage. In light soil, the drains may be put four to six rods apart. They should be put closer in heavy soil, two rods apart in many cases being desirable. Great care should be taken in laying tiles, as any sag greatly hinders the effectiveness of the drain.

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