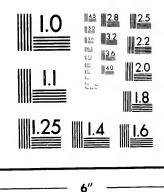


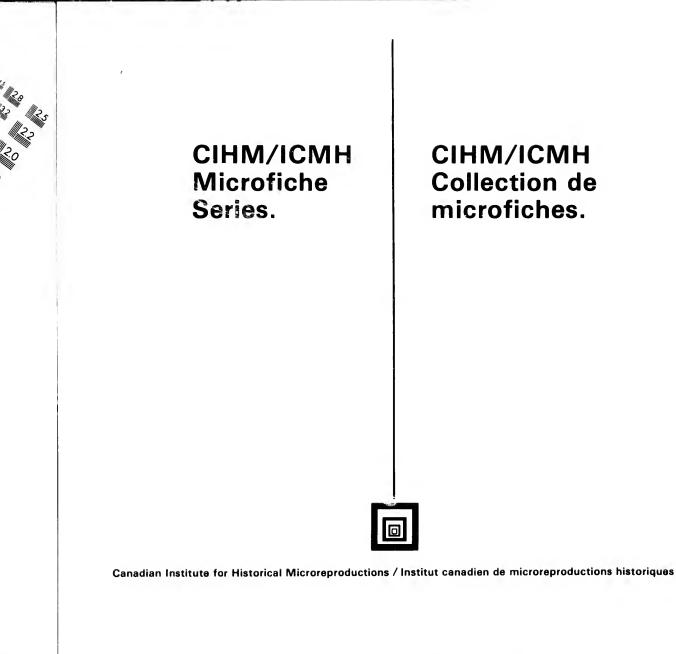
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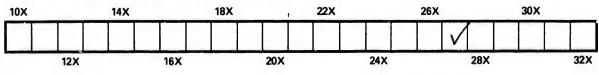




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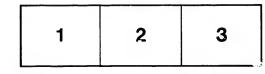
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OLD TIME MILLING.

THE HISTORY OF MILLING IN THE RED RIVER VALLEY.

Chas. N. Boll in Northwest Miller. We have to go a long way back in time, comparatively speaking, to review the in-troduction of wheat growing to the valley land of the Red River of the North. A few words on farming of any kind under-taken on the banks of the Red river will not be out of place here. The fur traders of the Northwest Fur Co. had established posts on the apper Hed river, in the neigh-borhood of the spot where no w stand the northwest Fur Co. had established town of Grafton, as early as 1800, and the nonjoyes of the Hudson's Bay Co. Socor followed them. The Northwest company was a Canadian concern, with its head-quarters at Montreal, their meane of trans-port being comined to the bark cance. The Hudson's Bay Co. supplied its Red river posts from Albany House, on James' bay, though its most important post was at York Factory, on the west shore of Hud-son's bay. The latter place supplied all the posts north of Lake Winnipeg and on the Saskatchewan river. From the old journal of a partner of the Northwest company, I find that on the list of the Red river, opposite the mouth of the Fembina river, and on what is now whe site of St. Vincent, he planted "thirty small potatoes, which had been brought from the fur trading post of the company at Portage la Prairie on the Assinibolne viter. Here was the site of a former post of the Northwest company ulit about to by the general post of the company at Portage la Prairie on the Assinibolne viter. Here was the site of a former post of the Northwest company ulit about 1766 by one Peter Grant. On this same day Henry established Fort Pembina, witch has been the CENTRAL POINT FOR SETTLEMENT in that locality eversine. The fort here

CENTRAL POINT FOR SETTLEMENT in that locality ever since. The fort here was situated "on the north side of the Pembina river, on the point of land be-tween that and the Red river, shout one hundred paces from each." On the 3rd of October, Henry took from his garden patches one and a haif bushels of pota-

patches one and a haif bushels of pota-toes. Continuously after 1801 crops were rais-ed at Fembina, and curiously enough, the next year Henry gives us a report of his graden produce that fully equais anything in the crop report line that emanates from the imaginative brain of a Dakota editor. On the 20th of October, 1802, he wrote: "I took in my potatoes, 420 bushels, the produce of seven bushels, exclusive of the quantity we have eaten since our arrival, (from Lake Superior at the yearly gathering of the traders), and what the Indians must have stolen, which must be at least 200 bushels more. I measured the circumference of an onion, which was 22 inches. A carrot was 18 inches long and at the thick end it measured 14 inches in circumference. A turnip, with its leaves, weighed 25 lbs." "The next list of his vegetables given

measured 14 inches in circumference. A turnip, with its leaves, weighed 25 lbs." etc. The next list of his vegetables given was in 1804, when, in addition to the coarse roots, he had cucumbers, melons, equashes and Indian corn. This is the first mention I find made in the old re-journal, I find that the Ked River Indians, prior to 1909, regularly recorded to the Missouri River to trade with the Man-dans for corn. A 1800 cats were sown at Pembine

APPARENTLY FOR THE FIRST TIME,

APPARENTLY FOR THE FIRST TIME, and the Indians at the mouth of the Red River were also growing corn, the seed having been supplied to them the previous year. It was not until the year iSl2 that barley is recorded as forming part of a yearly crop raised at the permanent poste of the fur companies. In 1812 the first batch of emigrants was sent out via Hudson's Bay to the Red River by Lord Selkirk, a Scottish nohle-man, who had secured control of a ma-

jority of the stock of the Hudson's Bay Co., and voted himself a tract of land bordering on the Red and Assimiboine rivers, in the present State of Minnesota, Territory of Dakota, and Province of Man-itoba, comprising in all some 116,000 square miles. Lord Seikirk aimed at establishing a colony on the backs of the Red River which would serve to break up the fur-trading operations of the North-west company as well as provide a home for the evicted Highlanders, who, driven from their holdings were forced to emi-grate. For several years after 1812 auc-rate and reliand and Switzerland, arrived at the leading articles of production. The seed wheat appears to have became one of the leading articles of production. The seed wheat appears to have became brought out from England, and certainly bariey was introduced from Great Britain at an early date in THE HISTORY OF THE SETLEMENT.

THE HISTORY OF THE SETTLEMENT.

was introduced from Great Britain at an early date in THE HISTORY OF THE SETTLEMENT. The coloniats were all settled on the Red River immediately to the north of the present city of Winnipeg, but owing to thescarcity of provisions frequently passed the winters at Pembina River, and op-posite to the Northwest Company's post, they had estabilshed a fort, or collection of log houses, which went by the name of Fort Daser, being called so after Lord Sel-kirk, who was also Baron Daer. Trouble soon arose between the governor of the colony, who had been appointed by Lord Selkirk, and the officerr of the Northwest Fur Co. One act led to another, and the result was, first, that in 1815 the North-westers induced the great majority of the Selkirk pople to emigrate to Upper Can-ada, and second, in 1816, to an encounter between the rivals, which ended in the death of Gov. Semple and 20 of his Selkirk servants, while the Northwesters lost only one man. The remaining colonists were driven away to Lake Winnipeg, and their fields, houses, etc., nearly all destroyed, but Lord Selkirk pueded up from Canada with a large band of discharged soldlers and was strengthened by the coslition of the fur companies in 1820-21. In 1820 there was a great flood threugh-out the length and breadth of the Red river valley. The dwellings, barns and fences of the settlers, with the flourished, and was strengthened by the coslition of the fur companies in 1820-21. In 1820 there was a great flood threugh-out the length and hereadth of the Red river valley. The dwellings, barns and fences of the settlers, with the forts of the Hudson's Bay Co., were swept away. Left homeless, and almost, starving, the se lers were driven to despair, and when the waters subided, in the middle of June, the majority of them, including nearly all the De Meurous and Swiss, decided to abandon the led river country. Accord-lingly on the 23rd of June a party compri-sing 442 persens of both sexes and all agges, started for Fort Snelling, where, after passing angley throu

THE REMAINING COLONISTS

THE REMAINING COLONISTS set to work to rebuild their houses. and notwithstanding the lateness of the sea-son, sowed what seed wheat they had saved from the flood, and later on reaped a most bountiful harvest. From that day to this the land then broken has been almost annually sown in wheat and pro-duced luxuriant crops without in any way, as far as is apparent, losing any of its power. It will be seen, then, thatthe settlement began on the lower or most northerly por-tion of the Red River Valley, and it was not until a full half century later that any wheat was raised on the lands of Northern Minneeots and Dakota, where, within a few years attar, the "irch horse" made its appearance in all directions, to take in

emigrants and their equipments, and re-turn to the east the wealth of golden;grain which grows up after their arrival. Having followed the course of grain cul-tivation. In the "new northwest" let us turn back to the days when the noise of the flour mill was just heard in the land, where now many a stately and substan-tial structure, containing rollers and

OTHER MODERN MACHINERY.

This error ture, containing rollers and OTHER MODERN MACHINERY, supplies the wants of the settlers. There is no reason to doubt that the Sekirk set-tlers, on their arrivel in the Red river country in 1812, were the first persons in this district who raised wheat and ground it into flour. With the original party of the colonists was brought out, from the Orkney Islands, some stone hand mills. One of these is now in the possession of the Manitoba Historical and Scientific society in Winnjeg. The mill is con-structed of two flat stones, circular in shape, about two feet in dismeter, and each an inch and a half thick. Inserted in the centre of one is an iron pin, while the ether has a circular hole cut through the centre, about three and a half inches in diameter, and crosewise, in which is placed a narrow bar of wood, having a hole bored through it to admit of the iron pin in the lower stone passing through it so that the upper one will vervice about it as an axis. A straight upright handle is inserted into the upper stone near its outer edge, and by this means the stones. Altogether it is a very primitive mill, and the settlers is soon become dissatiefied with it, as I find in a book published in 1816 that there wae, the year before, a mill (presumably works-ed by wind power) used by the settlers, which tood just about on the site where now is the

LARGEST STEAM GRIST MILL.

LARGEST STEAM GRIST MILL in northwest Canada. From this date on windmills were erected as the settlement spread along the banks of the Red and As-einiboine rivers. The rulns of several of them still stand, as relice of the past, with-in hearing of the sound of the steam whileles of larger roller mills. Nearly thirty years ago an enterprising miller constructed a dam across one of the num erous prairie coules that run into the Red river in the vicinity of the present city of Winnipeg, and by this means stored up sufficient water to run a water power griest mill during the spring and early summer months.

sufficient water to run a water power griet mill during the opring and early summer moutha. The first steam grist mill was in opera-tion about the year 1860, when Andrew McDermot, an exemploys of the Hudson's Bay Co., and for years one of the com-pany's mest active rivals in the local fur irade, erected in the with go of Winnipeg s small mill, the mach. Y of which, bought in New York, was . usported in caris from the then town of St. Faul to Fort Garry at a cost of five doilars per "pleec" of ninety pounds weight. Another small steam grist mill was erected about the same time, a mile low-er down the Red river. It was not until 1870 that mill's of any considerable capa-city were established on the banks of the Red river. In that years the Hudson Bay Co. and D. H. McNillan creeted large mille, which have been enlarged from time to time select that date, and are nor' turning out four for export. After the above date settlers pured into the Red river valley in Minnesota, Dakota and Manitoha, necessitating the erection of many railles tail the principal pointe of settlement.

