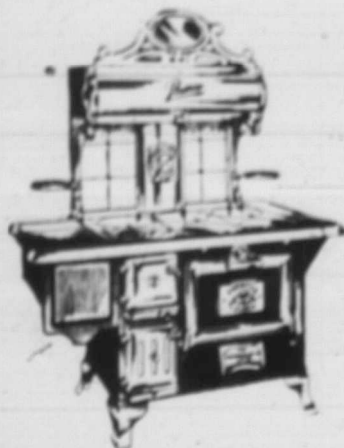


Baking is Simplified by
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DAVIDSON'S Premier Leader Range FOR COAL OR WOOD

Every housewife wants a range that can be absolutely depended upon—a range that will give an even, steady heat that is so necessary to good cooking.



These features are to be found in Davidson's Premier Leader range which has given splendid service for many years in homes throughout Canada.

It is efficient in operation, beautiful in appearance and very strongly constructed from highest grade steel. It is made to give real service and to last a life-time.

Write us for details and we will also tell you where there is a store conveniently located near you, where you can inspect one of these stoves.

The Thos. Davidson Mfg. Co. Limited

Montreal

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WHEN WRITING TO ADVERTISERS PLEASE MENTION THE GUIDE

Order Threshing Needs This Month

We can make immediate delivery of anything listed here. Put your orders right through. There will be no time to worry about supplies after you start cutting in the fields. Every article carries the U.G.G. guarantee of satisfaction.

Leather Belting

Complete line of Rubber, Leather and Canvas Belting, both endless and in cut lengths. You will recognize now how our prices are by seeing page 54 of the catalog.

Water Tanks

The specifications of this tank are shown on page 81 of the catalog. Every inch a sturdy, well-built tank, good material, strongly constructed on right lines. Shipped knocked down. Winnipeg price, \$35.50.

Oils and Greases

Pages 58 and 59 of the catalog show many kinds of oils and greases for farm use. U.G.G. have made a special study of farm oil needs. You can order these products with greatest confidence in their quality.

Lace Leather

Cut from the best oak tanned leather. Put up in pound packages. These laces are properly cut and are guaranteed to be strong. Per lb. \$2.10.

Grain Tanks

Without question the best GRAIN TANK in Western Canada. Capacity 100 measured bushels. See page 82 of catalog for details and pictures.

Shipping Drums

We have both kinds—gasoline and kerosene. The kerosene drum can be used for storage as it is fitted with extra long and faucet. See page 59 for details and capacities.

Hose Pipe

Catalog, page 54, lists the various kinds of U.G.G. brands, canvas covered or rubber covered discharge, injector or suction hose. Prices very reasonable.

Grain Scoops

Made of 22 gauge iron, japanned. Strongly made for heavy use. Capacity one half bushel. Winnipeg, 75c; Regina, Saskatoon or Calgary, 80c.

Oil Tanks

Annealed steel throughout. The construction gives practically a one-piece tank. Mounted on heavy frame with steel channel bolsters. 265 gallon capacity. See page 81 of catalog.

ASK ABOUT
U.G.G. WAGONS
AND HARNESS

UNITED GRAIN GROWERS LTD.

HAVE YOU
BOUGHT YOUR
BINDER TWINE?

WINNIPEG

REGINA

SASKATOON

CALGARY



no other plant growing in Manitoba that will answer this description, all its details, and suggests that every farmer who does not know the weed should paste this description on his granary door or somewhere else where he can refer to it.

Roots and Leaves

This plant produces a system of brown root-stocks, running horizontally through the soil from two to six inches below the surface. A few fibrous roots grow from these root-stocks, but their main function is to act as store houses of plant food, and to aid in propagation. On these root-stocks buds are produced, and from these upright shoots of a whiter color are sent to form new plants. From the upright root a great mass of fibrous roots are thrown out, and it is largely through these that the plant feeds. When undisturbed the roots will form a very dense mass, and the plants will come up very thickly. The roots and all other parts of the plant are filled with a milky sap.

At its first appearance above ground the plant produces a rosette of leaves quite similar in general appearance to that of the dandelion, the leaves being much the same shape. The leaves are of a light green color, rather soft, have a heavy mid-rib and are very distinctly veined. In the rosette stage the greatest width of the leaf is about one-quarter way back from the tip. An unvarying characteristic that helps greatly in identification is that in all stages the leaves have a continuous fringe of spines or "prickles." These spines are about one-sixteenth inch long and are set one-eighth to one-sixteenth inch apart. They are very regular as to size. After two or three weeks in the rosette stage, the plant produces an upright stalk, and the leaves borne higher up from its sides are somewhat differently shaped and larger. On a strong plant these stem leaves are from six to 12 inches long close to the ground but quite small toward the top of the plant. Each leaf clasps the stem tightly, having no leaf-stem, or petiole, as in the case of, say, a poplar leaf. These stem leaves lose the regularity of outline and are usually deeply cut with divisions directed backwards. They still preserve the fringe of spines.

Stems, Flowers and Seeds

The stems are of a lighter green than the leaves, usually devoid of noticeable hairs or spines, of rather soft character, and hollow. The plants grow from one to five feet tall. Side branches are shot out from the angles at the base of the leaves, and the plant becomes considerably branched, especially if given plenty of room.

When about one-third developed the flower bud is much the shape of a binder twine ball. Then it lengthens. The flower is very similar in appearance to the dandelion, but rather larger and a faint shade darker. They are so much alike however, as to be undistinguishable except to an expert. They open in the morning and close at night. The outside row of petals have very fine serrations at the tip. The bloom first appears about July 4, and the buds continue to open for several weeks. In most cases after the first flower has bloomed there is a series of flowers on surrounding stems, and these later grow longer than the earliest flower stems.

The seeds are about one-sixteenth inch long, dark reddish brown, oblong and ridged lengthwise. At the top is a tuft of white silky hairs, which spread in drying and cause the seed to float in the air long distances.—Prof. S. A. Bedford.

Weeds use up moisture. When they grow in a crop—they compete with the crop for the moisture and weeds usually keep on growing after the crop is cut, thus using moisture that should be saved for next year's crop.

When there is enough dampness in hay or anything it will spoil. In the soil a process similar to the spoiling of the hay goes on when there is moisture in the soil, and when this goes on plant food is being made available so the crop can use it. When the soil is dry the making of plant food available is slowed up, if not stopped.

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BROILERS—2 lbs.
Market Price
Old Hens, 10 and 1
Ducks, 10 and 1
Turkeys, per lb.
Eggs, per lb.
Eggs, per lb.

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