

have dyspepsia and his
One's stamina—force-
of mind or muscle—
and the blood in turn
for the stomach is the
digested and such ele-
assimilated—which made
the organs of the body,
and kidneys, as well as
the bad effect if the stom-

's Golden Discovery

food properly, starts the
wing the poisons from the
get rich, red blood, in-
The refreshing influence
medicinal plants has been
40 years. Everywhere
of the good it has done.

in liquid or tablet form
to Dr. Kierce, Invalids
box will be mailed you.

did not take a great num-
newcomers. During the
stest ever in Calgary, the
elected seven of the new-
those were attended with
that is bestowed on the
here.

endous influx the peo-
ple given. At Canadun
wer than five great lines
of carous of human life
aining of last week and all
transported west with the
ed. To these were
rest number from the por-
States who came on the
and more of whom will ac-
his morning.

ided welcome, to the west
ords which most may be
se are, the more the mer-

The Gourlay Character



Character in the Gour-
lay piano is the sum total
of exact workmanship,
proper principles of mu-
sical construction and
select materials.

These qualities have
built the Gourlay repu-
tation. This is the only
enduring basis on which
a piano's reputation can
be built.

Testimonials obtained
through monetary con-
sideration or influence
are false guides to merit
in a piano. In the Gour-
lay, Character has built
up a reputation and man-
tains it.

The first Gourlay
Piano made established
a new record in Canada.
Every

Gourlay Piano

since then has added to
its prestige—"We con-
sider our best advertise-
ment to be a home in
which a Gourlay is
played.

The Gourlay is respon-
sive in action, charm-
ing in tone and reso-
nance, durable to the last
degree, and its thorough-
bred character runs
through its mechanism,
its construction, and fin-
ish. It is a superb mus-
ical instrument from both
a material and artistic
standpoint.

When you are con-
fronted with the prob-
lem of what piano to buy,
investigate the Gourlay.
You will find its char-
acter justifies its high re-
putation. You will decide
that the Gourlay Piano
most nearly approaches
your ideal.

**GOURLAY
WINTER
AND
LEEMING**
188 YONGE ST.
TORONTO

20 Twelfth Avenue West, Calgary

INTERESTING REPORT ISSUED OF PROVINCIAL DEMONSTRATION FARMS BY THE DEPART- MENT OF AGRICULTURE

First Year of Operation Proves the Wisdom if the Plan—
Farmers May Learn How Modern Principles May
Be Worked Out With Success

The provincial department of Agri-
culture has just issued from Edmon-
ton its first report of the demonstra-
tion farms which have been formed at
six points in Alberta. The report,
which will prove a work of interest and
profit to farmers, is handsomely got
up, with numerous illustrations of
farm buildings, of cattle and of plans
of buildings. There are numerous state-
ments of expense and current accounts,
as well as balance sheets which may
be studied with great profit by all who
are interested in agriculture and stock
raising.

It is explained in a preface that the
plan of having demonstration farms
was introduced instead of having an
agricultural college, and the idea was
to show to farmers by practical illus-
tration the work which could be done
along the lines which are laid down at
the experimental farms run at various
points in the West.

Six Farms Established.

There were six farms established by
the Government during the past year,
and these have been amply stocked
and the buildings have been erected
and grain sown and reaped, so that a
statement of interest at the end of the
year may now be made for the in-
struction of those who are interested
in the experiment. The introduction
shows that the varying conditions in
the several parts of the province,
through difference of climatic condi-
tions and the amount of precipitation,
make a number of farms necessary, as
what is good and profitable at one
point is not necessarily so at another.
Some accounts then given of the agri-
cultural wealth and producing power
of the province, and the figures are of
interest as showing the rapid progress
that has been made by Alberta within
the last five or six years in this line.

The six farms have been established
at Olds, Medicine Hat, Vermilion,
Clareholm, Stony Plain, and Sedge-
wick. Three of the farms are 220
acres in extent, while at Medicine Hat
and Sedgewick there are 540 acres and
480 at Stony Plain. At Athabasca
landings there have also been purchas-
ed 483 acres in the vicinity of the
town, but the farm has not yet been
equipped though it will be at an early
date.

Practical Men in Charge.

Competent managers have been se-
cured for each farm, the object being
to obtain in each case a thoroughly
practical man who would not only be
in a position to guide the operations of
the farm, but to assist in various other
ways in the educational work in con-
templation. A definite building plan
was outlined, and this has been prac-
tically all carried into effect.

On each of the farms the following
buildings were erected: Manager's
house, \$4,000; men's lodging house,
\$1,800; dairy barn, \$3,200; horse barn,
\$2,100; hog pen, \$550; four hen coops,
\$150 each; shed, \$500; root house, \$700;
ice-house, \$500; milk house and pump-
house, \$500.

These buildings are not extravagant,
but it was essential, in view of the
live stock work which was being un-
dertaken on these farms, that build-
ings of fairly substantial character
should be erected at the start. On a
farm used for demonstration purposes
it was, of course, necessary to keep
more varieties of cattle than would be
considered wise on an ordinary farm.
Provision had to be made for accom-
modation for stock similar to that at
present on the farms. At the end of
1912 the live stock upon the different
farms was as follows:

Clareholm—16 Ayrshire cows, 8
calves, 1 Shorthorn bull, 14 Shorthorn
cows, 1 Shorthorn bull, 10 heavy
horses, 1 driver, 10 hogs, 82 steers.
Medicine Hat—24 Jersey cows, 5
calves, 3 bulls, 10 heavy horses, 1 driver,
2 colts, 26 hogs, 1 goat, 30 hens
(Buff Orpingtons).
Olds—185 steers, 10 registered Hol-
stein cows, 18 grade Holstein cows, 2
heifer calves, 1 Holstein bull, 13 horses,
2 colts, 36 hogs, 35 hens (Barred
Rocks).

Vermilion—14 Holstein pure bred
cows, 2 heifers, 14 grade Holsteins, 1
bull, 102 sheep (grade Oxford), 8 sheep
registered Oxford, 29 hogs, 10 heavy
horses, 2 drivers, 1 yearling, 110 hens
(Rhode Island Reds).
Sedgewick—105 feeding steers, 10
Shorthorn bulls, 24 Shorthorn cows
(registered), 5 Shorthorn heifers (reg-
istered), 10 calves, 8 grade cows, 15
work horses, 1 driver, 2 foals.
Stony Plain—46 Holstein cows, 1
Holstein bull, 12 working horses, 1
team driver, 14 hogs, 152 hens (Bar-
red Rocks).

Mixed Farming Principle.

All of the farms are therefore run
on the mixed farming principle, but
so far no accurate returns have been
possible, as to the feeding of the cat-
tle, as most of them have not been on
the farm for more than a few months.
From the farm of Vermilion, however,
there is the following gratifying re-
port given of the dairy cows which
have been used there:

Performance in Dairy Barn, 1912.
Weighing began July 14th. Weighing
ended December 31st. Arranged in or-
der of merit.

Lbs. Milk
Pure-bred, Julie O'Neil 7,212
Pure-bred, Lily Whitzyde 5,462
Pure-bred, May Dekol Queen 5,465
Pure-bred, George 5,379
Grade No. 12, Irene 5,034
Pure-bred, Barbara Jensen III. 4,600
Grade No. 10, Flavia 4,514
Pure-bred, Vronka Queen 4,380
Pure-bred, Blossom Hungerford

Teake 4,254
Grade No. 11, Beasy 4,238
Grade No. 15, Princess 4,216
Pure-bred, Corn 4,180
Grade No. 14, Kate 4,088
Grade No. 13, Jessy 3,969
Grade No. 16, Beauty (two-year-
old) 3,943
Pure-bred, Maxy's Beauty 3,882
Pure-bred, Barbara Jensen 3,591
Pure-bred, Black Belle 3,572
Pure-bred, Vronka V. Abbeikirp 2,967

Feeding of Steers.

Interesting reports are given with
much good advice on the care of horses
of sheep, which are now introduced at
Vermilion, and of swine. The methods
of handling, watering, and feeding are
all given.

As to the feeding of steers and the profit which may be made therefrom

the following one of three statements,
being that from the farm at Olds, will
prove to be interesting:

Steer Feeding at Olds.

Weight of 88 steers weighed
out on May 29th 147,960
Weight of 1 steer weighed
out on January 17th 1,850

Weight of steers weighed in
on October 20th, 1911 149,000

Total gain in weight 21,760

Average weight of 99 steers
weighed out 1,509

Average weight of 100 steers
weighed in 1,527

Average gain per head 234

By sale of 99 head of cattle
May 29th at \$6.65 per 100 \$10,005.35

By sale of one steer January
15th at \$6.25 per 100 70.70

By gain in weight of eight
hogs running after steers,
\$9 per hog 72.00

Total amount realized \$10,148.05

To price of 100 steers,
127,540 lbs., at
4 1/2 cts \$4,739.50

To interest on note,
7 months, at 7 per
cent. 234.00

To feed of steers 1,456.10

Grain 468.40

Wild hay 498.00

Green feed 10.00

Salt 700.00

Labor used for
cutting and grind-
ing feed 30.00

ing feed \$9,135.80

Total net gain \$1,012.25

Net gain per head \$10.12

Average selling price per
steer, including profit
of \$72 made on gain in
weight of hogs \$101.48

Average purchase price per
steer \$57.38

Gross profit per head \$44.09

Methods of Tillage.

There is then an account of methods
of cultivation. The farms were all
rough prairie when purchased, and
the land was broken five inches deep.
This work was done mostly in May
and June, and the land was thoroughly
packed and harrowed and disced at
frequent intervals during the summer.
This was done to keep the moisture
in the ground and to assist in the rot-
ting of the soil. As soon as the land
could be worked in the spring a good
seed bed was prepared and a packer
was in some instances used after
seeding. Most of the ground was,
however, in excellent condition from
the breaking of the previous summer.
Some fall plowing was done, though
the pressure of putting up buildings
and other work prevented the farmer
from doing as much as he would have
done otherwise.

The soil being widely different on the various farms, there is considerable variation in the crops sown. Kharkoff wheat was sown at Medicine Hat and Clareholm. Spring wheat was sown at Medicine Hat, Clareholm, Sedgewick, and Vermilion. The varieties used were Red Fife, No. 46, and Marquis. The soil of these four farms is of lighter nature than at Olds and Stony Plain, conse- quently permitting earlier sowing and more rapid ripening.

The following is the statement of the
farms at the end of December, 1912:

Assets.

Athabasca Landing.
Land \$16,008.50

Stony Plain.
Land \$18,750.00

Buildings 15,000.00

Cattle, etc. 10,227.00

Machinery, etc. 3,220.00

Feed, seed, etc., on
hand 3,250.00

..... 50,417.00

Vermilion Farm.

Land \$16,000.00

Buildings 15,000.00

Cattle, etc. 11,775.00

Machinery, etc. 3,762.75

Feed, seed, etc., on
hand 2,140.00

..... 48,181.75

Sedgewick Farm.

Land \$28,500.00

Buildings 15,000.00

Cattle, etc. 15,785.00

Machinery, etc. 3,805.00

Feed, seed, etc., on
hand 5,448.75

..... 68,788.75

Olds Farm.

Land \$19,000.00

Buildings 15,000.00

Cattle, etc. 10,996.00

Machinery, etc. 2,275.00

Feed, seed, etc., on
hand 1,530.00

..... 46,701.00

Clareholm Farm.
Land \$17,250.00
Buildings 15,000.00
Cattle, etc. 10,505.00
Machinery, etc. 3,440.76
Feed, seed, etc., on
hand 4,376.00

..... 50,576.91

Medicine Hat Farm.

Buildings \$15,000.00

Cattle 13,242.00

Machinery, etc. 3,044.00

Feed, seed, etc., on
hand 1,655.60

..... 32,941.60

Revenue for the Year.

Stony Plain Farm.
Dairy \$ 282.21

Roots and vege-
tables 200.84

..... \$ 483.05

Vermilion Farm.

Capital account \$ 112.20

Dairy 1,423.85

Poultry 23.23

Steers 1,978.22

Hogs 256.50

Horses 2.00

Vegetables and
roots 202.00

..... 3,967.10

Sedgewick Farm.

Dairy \$ 284.24

..... 234.24

Olds Farm.

Capital account \$ 475.00

Steers 2,535.02

Hogs 4,034.96

Horses 65.00

..... 5,599.98

Clareholm Farm.

Capital account \$ 228.00

Dairy 1,332.48

Steers 943.00

Hogs 46.50

Horses 23.85

Wheat 582.00

..... 2,849.83

Medicine Hat Farm.

Capital account \$ 175.00

Dairy 3,482.95

Steers 1,710.00

Hogs 82.00

Vegetables and
roots 14.20

..... 3,767.35

Value of Feed and Seed Grown, 1912.

Stony Plain Farm, \$2,110.00

Vermilion Farm, 2,215.00

Sedgewick Farm, 5,039.75

Olds Farm, 1,710.00

Clareholm Farm, 4,415.00

Medicine Hat Farm, 1,275.00

Value of Increase in Live Stock.

Stony Plain Farm \$160.00

Vermilion Farm 84.00

Sedgewick Farm 86.00

Olds Farm 80.00

Clareholm Farm 740.00

Medicine Hat Farm 875.00

Demonstration Farms.

Total assets \$314,515.51

Total expenditure \$259,184.82

Capital acct. \$55,330.69

Operating Exp. \$286,516.32

Total Production of Farms for 1912.

Cash revenue \$18,961.55

Value of feed and
seed 16,754.75

Value of increase
in stock 3,689.00

..... \$ 39,315.30

GOOD WORD GONE BAD.

Shocking Misuses of "Infinite."

What is happening to the word "in-
finite," inquires Scribners. It used
to have great and rare associations
and serve great needs.
Now we meet it everywhere and
with every possible application. One
bonnet is infinitely more beautiful
than another; one brand of wine in-
finitely preferable to the next. He has
an infinite desire to see her; she
would infinitely prefer a hobbie skirt
to one with gores. One novel is in-
finitely superior to its predecessor; a
character in it infinitely prefers game
to fowl. There is no association to
trivial for it, no use too petty. Our
books and our newspapers alike bristle
with misused "infinities." The word,
like Laurence Sterne and Lord Byron,
has become a social literary success,
and no worse fate can befall a great
author or a great word. It is taken
up by the fashion papers, and by so-
ciety journals, and this season's styles
are usually infinitely prettier than the
last.

Infinitely pretty!

Not only careless journalistic folk
like to produce an emphatic effect—at
any cost—are guilty, learned friends
put it to common use. We are in-
finitely obliged nowadays to one who
gives us a lift of a few blocks, and
infinitely grateful for our Christmas
presents. Our greatest and best au-
thors vie with one another in bring-
ing this great word down from its
high estate and lately a most fastid-
ious man of letters, lecturing in Bos-
ton, said that the Sunday supplements
would be infinitely more diverting if
something were different. The robin's
note in "Fiona Macleod" is "infinitely
winsome," even as critical a writer
as Mrs. Anne Douglas Sedgwick
describes a letter as "infinitely malle-
able" through love and of a fat young

German musician as feeling "infinite
compassion." That, to be sure, is
better than Mr. Arnold Bennett's de-
scription of a woman as "infinitely styl-
ish."

LABOR FOR MONTREAL

New York, May 11.—Maitre F. Labori
the French advocate who was leading
counsel for the defence some years ago
in the Dreyfus trial at Rennes, and is
now batonier of the Paris bar, has
advised Secretary George Whitehead
of the American Bar Association, that he
will attend the meeting of the associ-
ation at the annual banquet on September 3,
at which Senator Elihu Root, of New
York, is to preside. Lord Chancellor
Haldane, of England is to deliver the
principal address at the meeting.

AMBASSADOR'S BROTHER DIES

St. Petersburg, May 11.—Count Mich-