

MAY 15, 1919

PUBLISHED EVERY WEEK. \$1.50 PER YEAR.



\* AGRICULTURE, STOCK, DAIRY, POULTRY, HORTICULTURE, VETERINARY, HOME CIRCLE \*

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LIV.

LONDON, ONTARIO, MAY 22, 1919.

No. 1391

This advertisement is intended to keep the old familiar name

PURITY FLOUR

fresh in your mind.

"More Bread and Better Bread and Better Pastry"

CANADA FOOD BOARD LICENSE NOS.: FLOUR 15, 16, 17, 18. CEREAL, 2-000

Also remember Purity Oats

WESTERN CANADA FLOUR MILLS COMPANY, LIMITED  
TORONTO ONTARIO

Nitrate produced 11 1/2 bush-  
plying the Nitrate of Soda,  
ompleting harvesting of the

**Normal and Irrational Use of Nitrate of Soda.**

in the world where there is  
periment station work, the  
ies of Nitrate of Soda are  
ead of every other Nitro-  
food. Nobody who advo-  
onal use of fertilizers ever  
uch large quantities of Ni-  
per acre as would result in  
accumulation of alkali salts,  
e use of acid phosphates,  
they are frequently with  
me, converts any alkali resi-  
less forms of soda.

potash salts tends to leave  
in the soil, as do acid phos-  
when rational quantities of  
e and potash salts are used,  
la is needed to help neutra-  
lizes.

our experiments where Ni-  
d alone at the rate of only  
er acre, with no further ap-  
ertilizers to the plots, a de-  
ed effect was noticed. This  
well indeed for Nitrate of  
ching out of the soil. The  
e elements of fertility are  
available elements. The nat-  
y of soils, doubtless, is in  
s a powerful factor in re-  
easily soluble elements of  
rwise all the fertility of the  
in a season or two, leach  
ocean; and be permanently  
is yet to be seen where the  
f Nitrate is not distinguish-  
most cases such effects have  
The 2,000 or more tons of  
soil in an acre of land has a  
ding capacity for all the  
e elements of fertility.

**How to Use Nitrate**

erience suggests that Nitrate  
d as a Top Dressing to best  
soon as growth starts in the  
en better, before seeding or

Soda should be thoroughly  
as should other fertilizers,  
may properly nourish the  
the seeded and cultivated  
the growing season. Most  
uld not touch the seed.

no acid residue to leave be-  
ill leave nothing deleterious  
after using. It will enable  
ime the effects of droughts  
the shortest possible time  
the bearing period of your  
e does not have to wait to

**Proof Positive.**

-year test to determine the  
us sources of Nitrogen, the  
Experiment Station found  
elds and the percentage of  
covered in the crop were  
Nitrates were used.

are—  
ign to Nitrate Nitrogen a  
hen the relative availability  
aterials stands as follows:

Soda.....	100.0
um Sulfate.....	76.1
od.....	62.0
.....	52.4

ch was published in "Soil  
il, 1918.

**Available Books Free**

ooks have been written on  
Nitrate of Soda in agricul-  
ooks deal with questions of  
sive farmers cannot afford  
ect opinions.

arming to make money you  
yourself to send for the free  
ertain to your crop. If you  
y what farmers have done  
ica and Europe, who grow  
ps as you do, these books  
If you have any doubt of  
Nitrate of Soda would be a  
ar crop, you should get a  
information you possibly  
ject.  
lets are free—write for them

WILLIAM S. MYERS,  
N NITRATE COMMITTEE  
ve. New York, U.S.A.  
—Ad