

Department.

measures which would possibly
hundreds of children from de-
tuberculosis. From another
I think it is fairly safe to
the mental alertness of pupils
intelligence varies directly ac-
the ventilation of the class

ers and their Uses.

of fertilizers is a very large
be dealt with in the public
before one can understand
tion and need of fertilizers it
to know considerable chem-
re attempting to teach a
ertilizers all teachers should
ture and bulletins from the
Department of Agriculture, or
Dominion Chemist, Central
l Farms, Ottawa. The funda-
are these: soils become de-
nt food, and that the soil will
different treatment or receive
n some way before profitable
e produced on them. One
that a chemical analysis will
ly reveal the actual require-
e soil, and only by experi-
the real facts be obtained.
nly require lime, and when
ed the other plant foods be-
le; other soils are lacking in
phoric acid or nitrogen. All

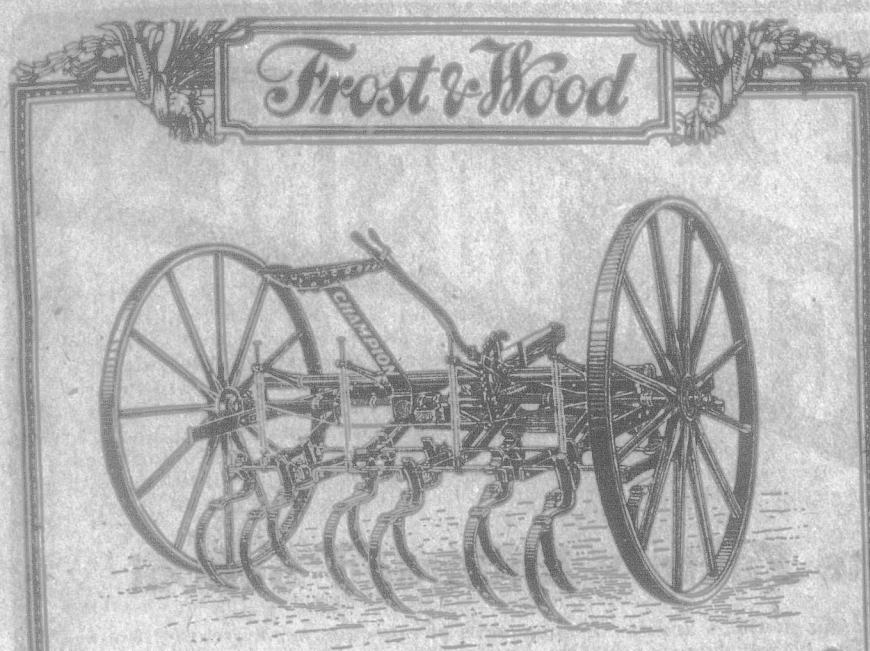


grain.

The same in their require-
it is extravagant folly to
ash for soils that only need
phosphoric acid to make
tive. On the other hand,
quire potash more than any
od, some are lime-loving and
need phosphoric acid most.
ts must have a good supply
which usually comes from
down of organic matter, but
an be supplied in such forms
soda, sulphate of ammonia,
d. Some plot experiments
rs would reveal a great deal
now the relation between the
of various soils and the
different kinds of fertilizers.

t For Teachers.

ck's issue will be found com-
of all the annual meetings of
ve-stock breed associations.
ings are held annually in
g the first week of February,
of them serve as an annual
progress made by those who
the pure-bred live-stock
th each report will be found
ers, including the secretary,
and address should be good
or all public school teachers.
good idea if school teachers,
the recognized live-stock
d get in touch with the
the various associations,
able to send them literature
ous breeds, as well, perhaps,
the prize-winning animals
the bigger shows. This
and these pictures could be
ction purposes in the school.



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Short	12.50-10.50	9.75-8.75	8.50-7.50	7.00-6.00	7.00-1.00
Narrow	10.00-8.00	7.75-6.75	6.50-5.50	5.50-4.50	5.50-.75
Broad	5.00-3.75	3.75-2.75	2.75-2.00	2.00-1.25	2.60-.40
Fancy Dark	50.00-40.00	38.00-32.00	30.00-25.00	22.17-17.00	20.00-1.50
MINK					
Dark	38.00-33.00	30.00-26.00	24.00-20.00	16.00-13.00	15.00-1.00
Ordinary	32.00-26.00	24.00-21.00	18.00-15.00	13.00-10.00	11.00-.75
Muskrat	7.25-5.70	5.50-4.60	4.25-3.35	3.10-2.25	3.00-.25
White Weasel	4.25-3.10	2.80-2.50	2.00-1.60	1.40-1.00	1.25-.10
Red Fox	45.00-35.00	32.00-28.00	25.00-22.00	18.00-15.00	20.00-1.25
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