

Published for the Department of Agriculture for the Province of Quebec, (official part) by EUSEBE SENECAL & FU.S., 20, St. Vincent St. Montreal.

Vol. XIV No. 4

MONTREAL, APRIL 1892

\$1.00 per annum, in advance

NOTICE.—The subscription to the Illustrated Journal of Agriculture, for members of Agricultural and Horticultural Societies, as well as of Farmers Clubs, in the province of Quebec, is 30c annually, provided such subscription be forwarded through the secretaries of such societies.—EDITORIAL MATTER. All editorial matter should be addressed to A. R. Jenner Fust, No. 4 Lincoln Avenue, Dorchester Street West, Montreal—or to Ed. A. Barnard, Director of the Journals of Agriculture, &c., Quebec.

TOT A	\ <del>1</del> 1	$\nabla$	$\mathbf{p}$

Table of Contents.	_
Ensilage Convention	49
The late Thomas Brown of Petite Côte	50
FERMANENT PASTURE—Butter; what grasses to sow; plenty of	
seed necessary; how to prepare land for, how much	
ploughed in a day; use of scarifier, harrow, and roller;	
Montreal lawns; manures for; extra food on	50
DEEP-PLOUGHING-Brabant-plough; depth of furrow; bad plough-	•
ing in fall	51
Spring Lambs-Montreal markets; temperature of sheds, food	-
for: weight of	51
for; weight of	٠-
ren land in England	51
Green-Manuring	52
FOOT-AND-MOUTH DISEASE	52
UNCULTIVATED LAND IN ENGLAND -Increase of sheep and other	-
stock	52
NITRATE OF FODA - Dr. Hoskins on effects on grain crops of; fai-	٠
lure of potash for potatoes	52
FERTILISERS—Thomas' slag; mixture for swedes	53
BUTTER CONSUMPTION—In various countries of Europe; olive-oil	•••
in Italy: Métis and Sorel butter	53
QUALITY OF MILK-Fleischmann's opinion on effect of food-nu-	•
trients on	53
TOMATORS-Single-stem vs. bush	53
BOUILLIE BORDELAISE Aitken on the utter failure of	53
PEASE-MEAL FOR BUTTER-Dr. Hoskins on; Gov. Hoard on; how	00
to sow pease, rape and pease, French-Canadian seeding,	
for lambs; yield per acre of pease, horse-beans	54
GRAPES—Cushman's crop of	54
Cows with sheer-Ressons against; no water for sheep on green	01
crops, treatment of duog	55
YIELD OF WHEAT IN U. S.	55
SARDA LOAMS—Malone hop-gardens, best of all sous	55
A RICULTURAL VISITORS—Sensible plan of M. Marsan, R. A. S.	55
of E. annual meeting: stay-at-home-ativeness	55

POTATOES—Voelcker's experiments on . yield per acre of , barley experiments	55
SULL'TIME OF U. S DEPARTMENT OF AGRICULTURE—Treatment of smut; A. R. J. F.'s plan; blue vitriol and sulphate of soda for	56
Pobacco—How to sprout the seed, when to sow here; hotbed- frames; manure for, distance between plants; pruning and topping; when ripe; how to cut; stripping, hanging, cut-	-
worm &c yield and profit on crop of The Canadian Horse, and his onicin—Opinions of hippo ogists	56
an I naturalists; not Arabian; not Percheron; form of cra- nium; du Hays on Percheron. the Crusaders; Breton bidets.	
diligence horses; Holopherne, a Norman stallion	57 59
DAIRYING AND REEF-PRODUCTION—Wisconsin Farmers club; value	-
of fat cows, figures that show a profit; experience in England; thereford cows; clover-sickness; value of excrement of cows; land ploughed wet vs. dry; form of farrow;	
foliage of clover; erroneous ideas of rainfall in England; haycaps, never ploughs clover in, packing soil for wheat;	
better ploughs in the States; Morton's plough-trials; Beach on restriction, Goodrich on ensuage; warm water and grain	
for cows	59
NITROGEN AND PHOSPHORIC ACID-Wagner on cheap; free nitro-	
gen; cost of manure, Hellriegel's discovery; Thomas' phosphate; muriate of potash; results of experiments	60
butto, marrato or potagn, reputto or exportmentamini, i.i.i.	00

## The Ensilage Convention.

The Meeting of the Ensilage Association took place at the
Star Office St. James Street, Montreal, on Thursday, March
17th, and was attended by a large number of representative
farmers from all parts of the country. Messrs. Ewing, (president), Beaubien. (Com. of Agriculture), Robertson, Barnard, and many others addressed the meeting. A full account
of the essays and discussions will appear in the next number
of the Journal.

A. R. J. F.