

SACKVILLE, N. B., Feb. 12th, 1880.

Dear Sir,—At a recent meeting of the Farmers' Association, held in Sussex, I was appointed chairman of a committee to wait on our Local Government to ask them to establish a Model Farm and School of Agriculture. It occurred to me since then it would be desirable for Nova Scotia to join in the enterprise. Will it be too much to ask you to agitate the matter in your Province if you think the project desirable? I am convinced myself that the education of the farmers has been and is very defective, also, the opportunities for educating them are very few and defective, causing a great number of our young men to leave our country dissatisfied with our resources and advantages, which, if properly understood, would be more highly prized. The kind of institution contemplated is very similar to the one now in operation at Guelph, Ontario. I feel confident that if Nova Scotia would unite with our Province, such an institution would be practical as well as useful, for we are compelled to compete now with Great Britain to find a market for our produce. None will pretend to deny the fact that we are very far behind them in knowledge of our calling, which I am sure would be remedied by establishing an institution of the kind before mentioned. I will esteem it a favor if you let me know your views of the scheme at an early day.

I remain, yours &c.,
H. HUMPHREY.

THE WHEAT HARVEST OF 1879.—The wheat crop of the whole world for 1879 shows a deficiency of over 375,000,000 bushels, nearly 200,000,000 bushels of the deficiency falling to Europe. The following table, compiled from the *Bulletin des Halles et Marchés*, shows the yield for each large wheat raising country compared with the average yield:—

	Average yield.	Yield for 1879.
	Bushels.	Bushels.
United States.....	337,500,000	337,500,000
France.....	230,172,000	172,125,000
Russia.....	180,000,000	157,500,000
Germany.....	99,000,000	90,000,000
Spain.....	94,500,000	78,750,000
Italy.....	87,550,000	67,500,000
Austria Hungary.....	76,500,000	63,000,000
Great Britain.....	83,500,000	47,500,000
Turkey.....	34,500,000	29,500,000
Roumania.....	27,000,000	22,500,000
Belgium.....	19,150,000	14,650,000
Portugal.....	6,750,000	5,657,000
Algeria.....	20,500,000	16,875,000
Canada.....	13,500,000	13,500,000
Australia.....	13,500,000	14,650,000
Egypt.....	13,500,000	11,500,000
Netherlands.....	4,615,000	3,375,000
Greece.....	3,500,000	3,375,000
Servia.....	3,375,000	2,812,000
Denmark.....	2,250,000	2,250,000

FARM ORNAMENTS.—We must protest emphatically against the practice of expending all the taste, time and labor in the adornment of a front yard. The outlook

from the rear windows of a house should be as gratifying as from the front. We want the inside of the platter as clean as the outside. And let the same harmonious system extend to every field on the farm. Vines should clamber over out-houses, old stumps, and all uncouth objects that cannot be removed, even though the vines be nothing but hop or woodbine. Groups of evergreens or deciduous trees or shrubs should screen or seclude the indispensable appurtenances of the farm, which are, in themselves, only necessities. Groups of trees in every field are not only profitable —albeit they do shade the grain somewhat—but break up monotony, and relieve the eye and the heart of the husbandman, as well as afford animals protection from the sun and storm.

NEW HAVEN, Conn., Jan. 10th, 1879.

S. B. HOWARD:

Sir,—The sample of Palm Nut Meal received from you gives on analysis the following result:

Water.....	7.34
Fat.....	17.80
Albuminoids (flesh-formers).....	14.75
Carbohydrates.....	40.09
Cellulose (fiber).....	16.24
Ash.....	3.78

100.00

The above figures correspond very closely with those found by Dr. Voelcker, Chemist to the Royal Agricultural Society of England, as well as with the average of twenty-five analyses reported during recent years from the German Agricultural Experiment Stations.

The composition of Palm Nut Meal places it in the class of Concentrated Foods, whose use is to add to the coarser fodder, which must always form the staple of cattle food, a portion of highly digestible fat and albuminoids, in which the usual rations are relatively deficient, thereby promoting the health of the animals, economizing the coarse fodder to the fullest degree, and realizing higher results in feeding, especially for flesh and fat, or for milk.

The results of the extensive use of Palm Nut Meal in Great Britain and Germany accord it a high mark in this class of feeding stuffs.

In the very exact experiments made at Moechern, in Germany, the Palm Nut Meal proved to be considerably more digestible than linseed or colesseed cake, and it was the single feeding material by whose use the proportion of butter in the milk was increased.

It is not indeed fully demonstrated by these experiments that Palm Nut Meal is under all circumstances superior to all other feeding stuffs in respect to digestibility and effect on quality of milk, but these facts recommend it most favorably to the notice of American farmers.

Having been somewhat familiar with the published experience of English Cattle Feeders since the first introduction of this material into their markets, I am prepared to endorse the statements of Dr. Voelcker and Professor Coleman, quoted in the pamphlet of Messrs. Alexander Smith & Co., and I doubt not that the use of Palm Nut Meal in this country, if guided by the directions they furnish, will be found highly satisfactory.

I remain, very truly yours, &c.

S. W. JOHNSON.

ALFRED SHORTT,

Agent for the Maritime Provinces.

166 Holpis Street.

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MAMMOTH BRONZE TURKEYS

A FEW very fine birds for sale, at reasonable prices.

W. H. BLANCHARD.

Windsor, Oct. 15th, 1877.

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FOR SALE.

THE subscriber offers for sale the following thorough-bred animals at a bargain:—

AYRSHIRES:

1st. "Talbot 3rd," No. 333. Two years old March 10th. Girth 6 ft. 2 in. Ho is large and handsome.

2nd. "Kenelm," No. 420. One year old 28th February. Took first prize at Halifax, in 1870.

3rd. "Zulu." Dropped November 5th, 1878. Took second prize at Halifax. For size and beauty cannot be surpassed.

4th. "Nicholas," No. 421. One year old March 24th, 1880.

DURHAMS:

1st. "Snowball," No. 382. Two years old December 7th, 1870.

2nd. "Peter Grant." Dropped May 27, 1870.

ALSO.—One Cow "Miss Maud," No. 136. Five years old. Duo to calve June 24th.

JOHN W. MARGESON.

Cornwallis,
King's Co.

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FOR SALE.

THE Thorough-bred DURHAM BULL "RICHMOND," N. S. Stock Register CCCLXXI. Coloured and roan. Calved March 14th, 1878. Sire "Lord York" CLXXXIII. Dam "Lily" CX.

EDWIN CHASE,

Port Williams,
Cornwallis.

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BONES! BONES!

PURE GROUND BONES.

THE Subscriber is now prepared to furnish the farmers of Nova Scotia with this valuable manure, at the following prices, delivered at the Railway Station:

Half in. Bones.....\$23.00 per ton.

" " " " " 1.75 " cwt.

Fine Ground Bones..... 35.00 " ton.

" " " " " 2.00 " cwt.

The half inch bones are very suitable for mixing with sulphuric acid and making pure and reliable superphosphate.

As the supply of the raw material is very limited, farmers desirous of obtaining a supply of concentrated manure for their Spring seeding should make early application to

THE MANAGER.

Wellington Tannery,
Oakfield, N. S.

CHOICE FLOWER AND GARDEN SEEDS, STRAWBERRIES, PEACHES, &c.

New Sorts, by Mail.

PLANTS of the newest and finest improved sorts, carefully packed and prepaid by mail. My collection of Strawberries took the first premium for the best collection at the great show of the Massachusetts Horticultural Society, in Boston. I grow over 100 varieties, the most complete collection in the country, including all the new, large American and imported kinds. Priced descriptive Catalogues, gratis by mail. Also, Bulbs, Fruit Trees, Roses, Evergreens, Choice Flower, Garden, Tree, Evergreen, Herb or Fruit Seeds, 25 packets of either for \$1 by mail.

C. C. The True Cape Cod Cranberry, or best sort for Upland, Lowland, or Garden, by mail, prepaid, \$1 per 1000, \$5 per 1,000. Wholesale Catalogue to the Trade. Agents wanted.

B. M. WATSON,

Old Colony Nurseries and Seed Warehouse,
Plymouth, Mass. Established 1842.

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