

derney Bull of the Cunard Stock. The Pictou Society has a roll of members larger than for many previous years, the receipts amounting to \$292.95. The funds have been chiefly expended in the purchase of Live Stock; in addition to animals previously held, the Society has obtained during the past season a thorough-bred Alderney Bull, six Rams, and two White Chester Boars. A County Exhibition is contemplated.—The West Cornwallis Society owns three Bulls,—only one of them, a Durham, thorough-bred. They are increasing their Pig Stock. Halifax County has not been so active this year as formerly, but there is a new organization—a County Society—in process of formation, which is likely to work better than some of the scattered Societies that seem to have died out. The Annapolis Society made some effort this year to connect with their Exhibition a Fair for the Sale and Exchange of Agricultural produce and Live Stock. Now that we have so many thorough-bred animals in the Province, there should be some means of getting at them by those who might wish to exchange, and we hope that Societies generally will keep in view the convenience of Local Exhibitions as a means of making desirable exchanges and sales. The Lower Stewiacke Society have taken a step in advance by selling their Durham Bull, which could not have been a very remarkable animal, for \$21, and purchasing a young thorough-bred Ayrshire for \$120. They have still another Durham of superior quality, and a White Chester Boar. The grain crops are reported upon very favourably by this Society, especially Wheat, the Fyfe variety proving very successful. Efforts were made in Paradise to get up a County Exhibition, but obstacles presented themselves, rendering it impracticable to make any further effort in that direction.” The Society is devoting its funds to the purchase of Stock, and has introduced a system of monthly meetings for discussions on Agricultural subjects. We should be glad to have an occasional *resumé* of these discussions for our columns. The labours of other Agricultural Societies will be referred to next month, when we hope to publish the remaining Reports, which are not inferior in interest or importance to those contained in the present number.

It will be recollected that the Board of Agriculture offered prizes last summer

for fields of Hemp. In November the following Prizes were awarded:—To John Pratt, Esq., New Ross, Lunenburg Co., \$20. To Rupert Fulton, Esq., Stewiacke, \$15. To Charles Mitchell, Esq., Merigomish, \$15. Detailed Reports on the Hemp Crop of each of these successful competitors will be found in our present number from the pens of D. Matheson, Esq., J. B. Calkin, Esq., and H. A. N. Kaulback, Esq.

The want of Evergreens in our City Gardens has often been referred to in this Journal. We hope the remarks we quote regarding Hardy Rhododendrons will lead to some efforts to encourage the cultivation of these charming plants. An acre or two of Rhododendrons on a warm slope of the North West Arm would make a very paradise in spring time, when all is bleak and bare, and a thousand dollars could not be better spent by an improving proprietor.

At this season of the year we begin to think of what we are going to plant and sow in our gardens. A judicious selection of Seeds is of great importance, and we hope in next number to bring under review some of the principal novelties of the season offered by the Seedsmen and Nurserymen. Meantime we publish three articles, all of a judicious character, and all bearing upon the great points of spring gardening,—how to sow seeds, how to manage hotbeds and cold frames, and how to start plants in the house without a hotbed.

It is seldom that we meet with so sensible a paper on Agricultural Chemistry as one by C. W. Johnson, that appeared some time ago in the *Mark Lane Express*, and was re-printed in the *Journal* of the Agricultural Society of the State of New York. It offers some excellent lessons to our Nova Scotian farmers. We have therefore reprinted it in the present number, and may return to the subject again, with special reference to our own soils and climate, if we find that any of our readers care for such information.

The cry that Nova Scotia is not a Grain country is dying away. “Nova Scotia Oats” are advertised this year again by the American Seedsmen at a dollar a peck, and Barley, it is well known, is a sure and profitable crop. It is chiefly in reference to Wheat Culture, however, that we wish our remark to apply. It will be seen by the Reports of the Agricultural Societies how rapidly the growth of Spring Wheat is extending in many localities. It might be supposed that the extensive importations made by the Board during several years, having been successfully grown and carefully saved for seed, would be sufficient to supply the wants of intending sowers; but during the present month of February fresh orders of an extensive character are being received, and we do not know

how they can be met. Winter Wheat is also receiving attention from some of our most enterprising farmers, and the results so far have been very satisfactory. In this number we publish a detailed account of the successful culture of Winter Wheat at Truro, to which the special attention of farmers is invited.

#### REPORTS ON HEMP CULTURE.

The following Reports on Hemp Culture were prepared by members of the Board of Agriculture deputed to examine the Hemp fields entered for competition during the past summer:—

On the farm of Mr. Charles Mitchell, Merigomish, 30th July, 1870, viewed and examined lot of Hemp, 9 ridges, 13 perches long and 10 perches wide = 130 perches. An acre, less, 30 perches.—Ground last year, under Potatoes, having been manured with green stable manure; last spring ploughed once and top-dressed with stable manure composted; mussel mud composted; green stable manure placed on different ridges; results as follows:—

| Stable Manure Composted. | Mussel Mud.         |
|--------------------------|---------------------|
| 24 in.                   | 22 in.              |
| 25                       | 22                  |
| 25                       | 24                  |
| 26                       | 23                  |
| 22                       | 22                  |
| —                        | —                   |
| 122                      | 113                 |
| Green Stable Manure.     | Green Sheep Manure. |
| 21 in.                   | 26 in.              |
| 24                       | 27                  |
| 24                       | 28                  |
| 22                       | 28                  |
| 22                       | 28                  |
| —                        | —                   |
| 113                      | 137 = 1622          |

Medium height, . . . 25 inches.

The Seed was sown 15th May, and supposed would not be in bloom before middle of September. Situation of soil, high upland, on rather extensive slope, and had evidently suffered from want of draining.

DAVID MATHESON.

Pictou, August 3rd, 1870.

NORMAL SCHOOL, TRURO, }  
Sept. 14th, 1870. }

In compliance with your request, I made an inspection of Mr. Rupert Fulton's Hemp Field, and beg to submit the following Report for the information of the Board:—

The area of the field was, according to my measurement, exactly one acre. The soil is a black loam. I was informed by Mr. Fulton that it was originally swamp and bog; that it had been in Hay for the last twenty-five years, without ploughing or top-dressing. The field was ploughed this spring; no manure applied; Hemp sown 17th of May.