

by what agency does plaster act on the crop?

CANADA TRISTLE.—Best mode of destroying.

WHEAT.—Any means known to prevent being winter-killed, by top dressing or other.

WHEAT.—Is it better to plough for in fall or in spring, in clay and in sandy soils?

THOMAS SIBBALD.

Chairman North Guilminbury and Georgina Farmers' Club.

B.—In the *Agriculturist*, August 1st, I see an article on the artificial formation of a moss, for striking cuttings, I would gladly be named as the best season for making the experiment in our latitude. J. S.

Perhaps some of our correspondents will be good enough to furnish answers to some of the above queries. In regard to the latter question, we believe the operation is performed in the winter season. It requires a forcing house, with a moist atmosphere, and a bottom of about 70 degrees. When the callous is made, the cuttings are placed in sand, and put in a cool place till required for setting

The Provincial Exhibition.

R. EDITOR.—If it is not too late, would it be wise to give prizes on the four best loads of hay, including the quality and the loading, so on the best four loaves of bread made by families of farmers.

See there is no prize offered for the Red Globe Mangel Wurzel.

Is that an omission, or are they excluded?

S. KIXG,

Man's Corners, C. W.

August 18, 1860.

My article of home production may be entered for exhibition, although not enumerated in the prize list. Loads of hay, however, we should

rather too unwieldy and bulky for the provincial show ground. Such a prize may perhaps be offered with advantage at a county or township, or village fair. Red Globe Mangels not mentioned in the prize list; why, we do not know, but they can be exhibited as extras.—

Agricultural Intelligence.

STEAM PLOW.—The State Agricultural Society of Illinois offers a premium of \$1,000 for the best steam engine that can be practically adapted for animal power in plowing and farm work. This prize is simply for a locomotive which may be applied to do

general work. It is expected that several of such engines will be entered for competition this year. Much dissatisfaction has been felt heretofore, with the action of the committee of this society in not awarding the full prizes at the former exhibition of Fawkes' plow. We hope no cause for such blame will be allowed to rest on the Committee on premiums at the next fair.

State and Provincial Fairs for 1860.

Alabama,	Oct. 29 to Nov. 2.
American Institute, at Palace Garden, New York.	Sept. 25.
California,	Sept. 19, 20, 21, 22, 24, 26.
Georgia, at Augusta,	Oct. 22, 23, 24, 25, 26, 27.
Illinois, at Jacksonville,	Sept. 10, 11, 12, 13, 14.
Indiana, at Indianapolis,	Oct. 15, 16, 17, 18, 19, 20.
Iowa, at Iowa City,	Oct. 2, 3, 4, 5.
Kentucky, at Bowling Green,	Sept. 18, 19, 20, 21, 22.
Maine,	Sept. 25, 26.
Maryland,	Oct. 30, 31, & Nov. 1, 2.
Michigan, at Detroit,	
Minnesota, at Fort Snelling,	Sept. 27, 28, 29.
Mississippi, at Holly Springs,	Oct. 16, 17, 18, 19.
National Pomological Society at Philadelphia,	Sept. 11, 12, 13, 14.
Nebraska, at Omaha,	Sept. 19, 20, 21.
New-Hampshire, at Manchester,	Oct. 2, 3, 4.
New-Jersey, at Elizabeth,	Sept. 4, 5, 6, 7.
New-York, at Elmira,	Sept. 2, 3, 4, 5.
Ohio, at Dayton,	Sept. 25, 26, 27, 28.
Oregon,	2nd Tuesday of Oct.
Pennsylvania, at Wyoming,	Sept. 25, 26, 27, 28.
South Carolina, at Columbia,	Nov. 13, 14, 15, 16.
St. Louis, Mechanical and Agricultural Association,	Sept. 24, 25, 26, 27.
Tennessee, at Nashville,	Sept. 10.
United States, at Cincinnati,	Sept. 20, 21, 22, 23, 24, 25, 26, 27, 28.
Upper Canada, at Harriault,	Sept. 18, 19, 20, 21.

DRAINING.—The first indispensable requisite to success in enabling the farmer to command his seed time and harvest, with clay land, is *underdraining*: this is the great panacea against winter-kill and wheat midge. The life and lightness of the land, thus prepared, will give the wheat plants such a start in the fall that they will cover their roots during the winter.