

seeds may be kept, however, varies, extremely, according to the species. There are plants, for instance, the seeds of which preserve, for an indefinite period, their germinative power; there are others, on the contrary, which lose it very speedily.

In practical agriculture, there is always much advantage and additional security, in sowing the most recent seeds, even of those, which are known to be the longest lived. It frequently happens, even after a very short time, that a certain portion of these seeds die; they have, perhaps, not being gathered under circumstances favourable to their complete preservation. It is, therefore, only when he is compelled to do so, that the farmer trusts wheat to the ground which has been gathered in former years; all experience has proved that, in using such seed, it is necessary to increase, very considerably, the quantity sown. In the choice of oats, for seed, it is particularly necessary to see that all the grains have come to perfect maturity, or much more seed will be required.—*Thaer's Agriculture.*

**SOAK FOR SEEDS.**—It was observed by Baron Humboldt, that simple metallic substances are unfavorable to the germination of plants, and that metallic oxides promote it in the exact ratio of their oxidization. Consequently, he was induced to seek some substance with which oxygen might be combined in such a manner as to facilitate its separation. In order to effect this, he made choice of *oxygenated muriatic acid gas*, in which he immersed some seeds of the common garden cress (pepper grass), which exhibited germs in the remarkably short period of *six hours*; whereas when immersed in water alone, they did not germinate in less than thirty-two hours.

Another very successful and economical steep for garden or other seeds, consists of a solution of a *quarter of an ounce* of chloride of lime to *one gallon* of water, in which the seeds should be allowed to soak for the space of *four hours*, and then be sown in the ordinary way. It is stated, on good authority, that corn and peas, treated in this manner, have been known to throw out germs *one and a half inches in twenty-four hours*; and in *forty eight hours*, to acquire roots more than double that length.

The latter experiment may be tested at a trifling cost, and should it succeed, as stated above, the germination or coming up of many seeds, may be accelerated at least a week or ten days.

**NOTICE.**—The **QUARTERLY MEETING** of the **LOWER CANADA AGRICULTURAL SOCIETY** will take place on **TUESDAY** next, the 6th of June instant, at **ELEVEN o'clock A. M.**, at the **SOCIETY'S ROOMS**, No. 25, Notre Dame Street, opposite the City Hall.

A general attendance is requested.

By order of the Executive Committee,  
WM. EVANS, Sec'y.

May 31st, 1848.

#### NOTICES TO CORRESPONDENTS AND SUBSCRIBERS.

Rusticus shall appear in our next.

Members of the Society and Subscribers to the Agricultural Journal who have not paid their Subscriptions, are requested to call at the Office of the Society, as soon as possible, and pay the same.

#### NEW SEED STORE.

THE Subscriber begs to acquaint his Friend, and Customers that he has, under the patronage of the Lower Canada Agricultural Society,

OPENED HIS SEED STORE,

At No. 25, Notre Dame Street, Opposite the City Hall. Where he will keep an extensive assortment of AGRICULTURAL and GARDEN SEEDS and PLANTS of the best quality, which he will dispose of on as favourable terms as any person in the Trade. From his obtaining a large portion of his Seeds from Lawson & Sons, of Edinburgh, who are Seedsmen to the Highland and Agricultural Society of Scotland, he expects to be able to give general satisfaction to his Patrons and Customers. He has also made arrangements for the exhibition of samples of Grain, &c., for Members of the Society, on much the same principle as the Corn Exchanges in the British Isles. He has a large variety of Cabbage Plants, raised from French seed, which he will dispose of to Members of the Society, at one fourth less than to other customers.

GEORGE SHEPHERD.

Montreal, May 30, 1848.

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