

20 bushels of dry bones per acre, are considered a liberal dressing for turnips, and when they are dissolved in acid, half that quantity will suffice. The seed and manure are deposited in rows by a single operation of the drill, an implement which has been lately so far improved, as to prevent the seed from coming into immediate contact with the manure, by causing the intervention of a little soil, thereby preventing guano, and such like substances, from endangering the germination of the seed. Large quantities of bones in the cotton districts of England, are boiled for making size, a gluey substance, which is extensively employed in calico-printing. Such bones, however, being deprived of a portion of their organic substance only, the phosphates remaining undisturbed, are found to produce the most marked improvements on the deteriorating pastures of Cheshire; they operate more quickly even than bones unboiled, but their duration must be briefer, and consequently their value diminished, when a series of years or an entire rotation is taken into calculation.

As the highly fertilizing properties of bones have now been fully tested, both by scientific research and practical demonstration, every effort to collect and reduce them to a proper state for the purposes of manure is deserving encouragement; and in a country like Canada, where thousands of acres, formerly highly productive, have become almost sterile by the practice of repeated cropping and non-manuring, bones unquestionably rank among the most powerful and economical means of effecting a restoration.

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Toronto, Nov. 1, 1852.

SUGGESTIONS RELATIVE TO THE PROVINCIAL EXHIBITIONS.

To the Editor of the *Canadian Agriculturist*:—

SIR,—In submitting for the consideration of the Provincial Agricultural Association and the public, suggestions bearing upon a few necessary changes connected with the present system of carrying out the Annual Provincial Exhibitions, I will not take up your valuable columns for so doing in offering an apology, but urge as my excuse the growing importance of these great *Canadian Agricultural and Mechanical gatherings*, and the favor with which they are countenanced by the intelligence of the land and the

public generally, and the desire there exists with the officers of the Association, that the system of *getting up the arrangements*, and *general management* of Exhibitions be as extended, simple and complete, so to attain the object of the Institution as may be practicable. Perfection is not to be expected, but improving changes, based upon the experience of the past may, it is hoped, be gathered and introduced into the present system.

The mode at present followed of making entries of Stock, Agricultural and Mechanical Productions, as well as other articles intended for exhibition, only on the day previous to, and the first and second days of the Fair, appears to have been attended with serious objections, involving hurry and confusion, sometimes unnecessary expense, much uncertainty and great inconvenience; and at the same time leaving the Association and the managing Committee comparatively ignorant until the day of the Exhibition comes round of what is to be presented for Exhibition; who the exhibitors are to be and where they are coming from, or what accommodation it is necessary to make for their reception.

Instead of the present system permit me to suggest:—

1st. That proper ruled sheets with printed headings, in which entries for the Exhibition may be made and filled in, be forwarded by the Agricultural Association, in duplicate, to the President of every County Agricultural Society in Canada West, within two weeks after the list of Premiums for the current year is determined upon, accompanied with sundry copies of such list.

2nd. That intending exhibitors report to the President or Secretary of the local County Society in the County in which they reside, the stock, productions, &c., which they intend to forward for Exhibition,—such stock, productions, &c., to be filled into the sheets under the proper heads: one copy of these sheets to be returned to the Secretary of the Provincial Association, signed by the President, Vice-President, or Secretary of the County Society, at least one month before the date of the first day of the Exhibition, and the other copy retained by the County Society.

3rd. That each County Society, upon transmitting the *entry sheets*, shall, at the same time, forward the names of nine persons residents of the County, who have been nominated by their Society, who promise, or are likely to attend, to act as judges, if required, at the Provincial Ex-