## Agricultural Errors.

farmers of Canada, which investigation has often proved to be such, but the knowledge of which has failed in reaching their ears, or has reached them through an imperfect channel. Of these errors that of the transmutation of one plant into seed of bad wheat we are told produces chess! (Bromus secalinus.) Such assertions are altogether unsupported by facts; these indeed are superfluous to repeat them here. pretended to be given, but after having been i quired into, have uniformly turned out to be us founded. Wheat or other grain may possibly, indeed, by a series of unfavorable circumstances he c'et riorated, as by a reverse treatment it may form of the flower and ear of the wheat plant, from lightning, having struck his barn ean I years ago that early age it was cultivated. But what sunivance of wheat towards chess. The transmutaby no further change toun quite a contrast.

plants, similar to the miseltoe on the oak, or the small plant that twines round the flax. The rust There are many agricultural errors among the is very similar to the mushroom family in appearance and habit. Like many of them it grows rapidly in moist warm weather. Pickling, by destroying the seeds of the smut which are very minute, and lodged in the form of dust upon the grain, preserves the wheat from its ravages, as another thre . the seed, is very common. The the seeds of smut are more easily deprived of life than are those of wheat. Many are the experiments that prove the truth of this, and it is almost

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## Loss of Agricultural Property by Lightning.

We regret to learn that our friend Mr. Isaac be in proved, but will the botanical characteris- Askew, of Amherstburg, Western D strict, has ins of the species always remain the same, the sustained a severe loss from the effects produced and the general shape and disposition even of the ther of head of improved stock were killed, conleaves, will be but very slightly altered, and will isisting of horses, cows, heilers, and a very valua ne as incapable of a suming the toose form of the bie Durham Bull, a d besides, a large quaity of ear of chess, and its other characteristics, as an unthrashed wheat, twelve tons of hay, and a lot apple tree wil be of putting on the foliage and of tarming implements, were all destroyed by tructific tion of the willow. The apple may in- fire. Mr. Askew is one of those enterprising deed deteriorate into the crab, but what a simi- English farmers, who sertled in the Western Dislari y does not even the casual observer note betrict a few years ago, who have been instrumental
tween the two; the same as between the giant in imparting a spirit of enterprise and improveand the dwarf. The flower, the shape of the ment, on the minds of the old Canadian farmers fruit, and that of the leaves, may be said to be of that fertile District. As a token of the high the same. Nature abhors violent transition in esteem that is entertained towards him, for the the moral and physical world. The pea isstill as good offices he has performed, in concert with d stinctly of the vetch tribe as it was three thou-, others, in building up the cause of agricultural The discovery of its seeds in improvement, his neighbours and friends contrithe hands of Egyptian mammies, shows that in buted upwards of £100, with a view of making good a portion of his loss. We mention the 1-rity is there betwire the wheat and the chess? foregoing calamity, for the purpose of pressing The flower and ear are altogether dissimilar, and upon the attention of farmers, the importance of there is no modifica i in of these organs, no ad- getting their property insured. Farm houses, barns, granaries, stacks, and live stock, are subtion would be made at once, and be followed ject to the least risk, of any description of pro-The plan's are not even perty with which we are acquainted, and thereof the same genus. The triticum and bromus fore, if Agriculturists would unite in the matter, Insurance Companies might be established exclu-Another prejudice is against pickling seed- sively for their property, which would enable them wheat to prevent smut. "What good can it do? at a triffing cost to obviate such losses as has Sana will never grow." Here the microscope been sustained by our friend Mr. Askew, as ell proves the fallacy of the idea. The seeds of as the various other descriptions of risks that sungi are detected on the grain and straw. by it Agricultural property are more or less subject to. t and smut are found to be distinct living The plan of the Canadian Mu val Insurance pl nts , jan sites seen existing upon whet hving Companies, is one that would probably be the