

my farmers or mechanics," and yet Mr. Werden reiterates, that he "hinted in his last article Dwarf trees might be made," viz., "cramp the roots in a pot," and then says, "which doubt is the cause of Mr. Arnold's trees bearing." Now Sir, I shall positively refuse to refer to anything that Mr. Werden may write; Mr. Editor, if you will please to refer to articles on the Dwarf Apple Tree question last year's *Agriculturist* and shall express myself of the opinion, that there are points in Mr. Werden's *first article* that have not been answered, then, I will take pleasure in referring to that portion to the best of my ability. There are several points in Mr. Werden's last, to your new subscribers, would seem to demand a reply, but for the reasons assigned me for not doing so, and also not wishing to let a punishment upon last year's subscribers, I will halt and refrain from giving, and content myself with one word about my refusing to supply Mr. Werden with 25 Dwarf Apple trees; I say, "send along your trees, and if I don't see fine large trees of them, then I will pay you." When, Mr. Werden? Ten or twelve is too long for me to wait. But why not accept my proposal, to put the trees in the hands of disinterested parties in order that they may be tested fairly. If Mr. Werden sends his order accompanied with the cash, the trees will be sent; and allow me to say to Mr. Werden that everything sent out from this establishment, is warranted to be what it is called. Let Mr. Werden should accuse me, as he has done others, of "writing this for the purpose of selling my trees," I will, as soon as spring comes, send him half a dozen Dwarf Apple trees (2 year old) warranted *genuine and true and defy Mr. Werden to make them like common Apple Trees under the same cultivation unless he plants the Dwarf Apple as to cause them to throw out roots from the graft, as well as upon the stock.*

Your's,

CHARLES ARNOLD.

Paris, March 23rd, 1863.

Veterinary Department.

AGRICULTURAL AND VETERINARY CLASS.

It must be already known to most of our readers that for some time past the Board of Agriculture has been making exertions to bring a systematic course of Veterinary instruction within the reach of young men engaged in agricultural pursuits. Accordingly a small class was formed for this object in the winter of 1862, the result of which was sufficiently successful to justify a further trial. Another class

was therefore commenced in January last, comprising upwards of thirty young men from different parts of the Province, who attended three or four lectures daily on subjects relating to Agriculture, the anatomy, physiology, and diseases of the horse and ox, and the sciences which bear on these pursuits. Mr. Andrew Smith conducted the Veterinary department, assisted by Mr. Eachman, a licentiate of the London and Edinburgh Veterinary Colleges, who has recently come to this country and intends to commence the practice of his profession at Woodstock. Professor Buckland gave daily lectures on the science and practice of Agriculture, and was assisted in Chemistry, Geology, Natural History, and Meteorology, by Professors Croft, Chapman, Hincks, and Kingston, of University College. The main object of the course was to awaken rather than to satisfy curiosity; to prepare the minds of the pupils for some extensive and systematic study, and to instruct them how to read, investigate, and observe *for themselves*. Many of the students made considerable progress in dissecting the horse, and evinced a more enlarged and accurate knowledge of the anatomy and physiology of that useful animal than could have been expected in so short a time.

Although no examination either on entering or leaving the class was imposed as a necessary condition, the Board of Agriculture with a view of encouraging emulation, offered four prizes to the four students who should pass the best examinations in all the subjects, agreeably to that order; the value of the prizes to be given in suitable books. Accordingly at the end of the course, the beginning of March, eight students presented themselves, and after two days examination conducted by written questions and answers, the following results were obtained:—1st Prize, value \$20, David McCrac, Guelph; 2nd Prize, value \$15, John Warr, Wentworth; 3rd Prize, value \$10, John Brown, Binbrook; 4th Prize, value \$5, James Dunlop, Woodstock. The questions were so framed as to test not only comparative but absolute merit; and the answering, on the whole, was highly satisfactory. Both Professor Buckland and Mr. Smith complimented the class for the industry and application they had evinced, and encouraged them to follow their studies in a similar spirit at home. At the conclusion of the proceedings, the members of the class presented Professor Buckland with a very handsome walking-cane, and Mr. Smith with an elegant riding-whip, as an expression of their goodwill and appreciation of those gentlemen's services.