bran contained only 4571 per cent, of gluten instead of 15019 by the ordinary process, The flour made of 15019 by the ordinary process, ordinated 15.672 per cent of gluten, as compared with 9736 in the ordinary flour. By merely taking off the outer covering of the grain, which is perfectly taking off the outer covering of the grain, which is perfectly taking off the outer covering of the grain, which is perfectly taking off the outer covering of the grain, which is perfectly taking off the outer covering of the grain, which is perfectly taking off the outer covering of the grain, which is perfectly taking off the outer covering of the grain which the perfectly taking off the outer covering of the grain which takes off at least 11 per cent of bran, nully tent, while the nutritive value of hour was increased by about 60 per cent. This upon the wheat consumption of the kingdom say 20,000,000 of quarters—was a matter of considerable importance. Another important advantage was secured by M. Mege Mourie's process in egard to the storage and preservation of wheat It appears that the outer covering—the epidermis—absorbs moisture far more readily than the regular cellular tissue of the inner tayers, and thus renders the grain more or less liable to mould and other injuries by keeping, unless great care be taken by occasionally shrifting, &c. By the process of decortication this is entirely remayed, and a hard smooth surface given to the grain, from which every particle of deteriorating matter, in the shape of dirt, smit, &c., has been removed, diminishing its bulk, and leaving it ready for the military and adopted for the preparation of the grain by M. Mege Mourie's process of eccortication of the grain by M. Mege Mourie's process of eccortication of the grain by M. Mege Mourie's process of eccortication in the political process of eccortication that is entirely remayed, and a hard smooth surface given to the grain, from which every particle of deteriorating matter, in the shape of dirt, smit. Ac, has been removed, dimi



ROYAL AGRICULTURAL COLLEGE, CIRENCEST R, ENGLAND.

hopper into a long narrow trough which contains dormitories are neat and airy, and the privace apart water, and is traversed through its length by an Archimedian screw. This carries the wheat slowly along the trough to the discharge end, where it now in a proved principles and heated by hot water pipes, moistened state falls down a tube to the unbranning. The business of the institution is conducted on water, and is traversed through its length by an Archimedian screw. This carries the wheat slowly along the trough to the discharge end, where it now in a moistened state falls down a tube to the unbranning or decorticating cylinders. These are formed of cylinders of cast-iron, ridged on their interior diameters and with closed ends. A screw shaft traverses the centre of them, carrying broad arms or floats set at an angle diagonal or 'aslant' to the face of the cylinder and with a diameter so much! \(\frac{1}{2} \) than that as to cause friction, but to allow the grain to prove without crushing. A rapid rotation is given to this central shaft, and, owing to the angle at which the floats are set, a slight progressive motion is given to this central shaft, repidermis, epicarp, &c to be separated, and this is removed as it is separated by a blast driven through the cylinder in a direction contrary to the motion of the shaft, which also has the effect of drying the extension of the shaft, which also has the effect of drying the extension of the shaft, which also has the effect of drying the extension of the shaft, which also has the effect of drying the extension of the grain. It then passes along a grain of the shaft, which also has the effect of drying the extension of a fine preparatory study before investigating the different cases of moisture of the grain. It then passes along a grain of the shaft, which also has the effect of drying the extension of a first manner surprising to the manner and the contract of the motion of the shaft, which also has the effect of drying the extension of the shaft, which also has the effect of drying the extension of the shaft, which also has the effect of drying the extension of the shaft, which also has the effect of drying the extension of the shaft of the shaft, which also has the effect of drying the extension of the shaft of the shaft, which also has the effect of drying the extension of the shaft of the shaft, which also has the effect of drying the extension of the shaf

chain and theodolite, for timber-measuring, and so on, around the neighbourhood. Then, while strict science is drilling and disciplining your mind, a large share of your time is engaged in the more strictly professional part of your studies. Drawing and account-keeping are, of course, items of great importance; keeping note-books of farm operations is another, and daily there is the practical "farm-class" instructed by the Agricultural Professor in some manipulation of tillage, some field or farmstead process, some detail in the management or commercial valuation of live stock. For the College has not only cess, some detait in the management of commercial valuation of live stock. For the College has not only triained a few fields under its own control, for experimental purposes, but has the privilege of walking over and inspecting every inch of the 600 acres of what was (till lately) "the College Farm." Everything that goes on is open to the observation of the students and exactly are experimental and exactly ana students, and everything receives its practical expla-nation on the spot."

Such an institution cannot fail of dispensing inci-