gether. Although I heard this insisted on We ask especial attention to the manner of ates, it is cleaned for use or market. The as of vital importance to the cultivation of feeding. The italies in that paragraph are seed obtained is of a superior quality, and rape, I did not pay that attention to its de-ours. The description was given, as appears the quantity ordinarity saved by this araware that it could so easily be grown in New-Yorker. Canada, but I shall obtain and communicate information on this head in due time.

operations in the management of rape. It prince of New-York city, who has a farm in of the stable, is a trough for water, with will not bear to be harvested when the seed Great Barrington, Massachusetts, pleasantly suitable opening in the bottom of the manis in the sligthest degree green. When located upon the Housatonic. thoroughly ripe it is cut with a very sharp "It is two hundred feet in length, with a ed by removing the iron slides that close sickle, without the usual scrated edge. All centre wing on the east side, three stories them, which is done by means of a lever hands should be employed at this work in the high, with an arched roof covered with tin, opening the line of slides at once, and in an early morning, and stopped when the dew is and a cupola on the centre, and erected at instant. off. A couple of hours after it is threshed an expense of nearly \$20,000. It is based "The very great economy and convein the same field in a winnowing sheet, it is in a ravine which it spans, thus affording an nience of this arrangement is obvious at a carried from the rows, in which the reapers easy entrance into the third story. Through glance, and may be taken as a specimen of

sheet to a couple of poles.

dressing you on this interesting subject.

I am, Gentlemen, Your obedient servant, John S. Cummins, Roxton Falls, 20th June, 1854.

six pence. Rape seed is of a like commer-tops of feed-boxes (on the opposite side of circumstanced countries. J. S. C.

rather singular process, whereby its growth Still, we publish a description of it, because Under the tube is a drawer into which all is checked, the object of which is to prevent he who cannot obtain all its advantages may the loose hay seed falls through its latticed the more forward shoots blossoming before secure a part. Perhaps some of them can bottom, which drawer, when full, is emptied, the others, so that all the seed may ripen to be provided for in those already occupied and when a large quantity of seed accumultails which I should have done had I been below, by a correspondent of the Rural rangement will pay for all the manual

formation on this head in due time.

Yorker gives an account of a barn belongthere is also an ordinary box-manger, directing and threshing are the nicesting to David Leavitt, Esq., a merchant-ly under which, and running the whole length

lay it, in a barrow made by attaching a this ravine runs a durable stream, with which the perfection exhibited throughout. Under is formed a beautiful reservoir of water one of the drive-ways, into the third story, About 39 bushels of rape seed weigh a directly above the barn, that operates upon is an arched room, well ventilated, and lightton, the cake of which after the oil has been a wheel twenty feet in diameter, thus formed with a glass front, which is used as a extracted as much as possible, contains two ing an excellent motive power, that is used milk-room, and has a great many convenienhundred and twenty-four pounds of oil and for a great variety of purposes, such as saw- ces connected with it for diminishing the

cakes are as easily fed as oats; they would and convenient, the following description of lieve, during the summer season, the boiling enable us to turn out cattle very much fatter which I give is in the language of Mr. Wilk-system is to be practised in part. The buildfor the high prices of the spring, and give a inson, namely: 'All the manual labor re-ing is well lighted and ventilated, so that no richness and color to our winter butter, ren-quired in feeding the cattle is to run a car diseases are generated by the confinement of dering it fully equal to that obtained in sum-which contains twenty-five bushels of feed, impure air and the deleterious gases, an im-I should recommend that the rape straw into the feeding-boxes, which are of cast-On the side of the barn facing the Housasheaves should be piled up and covered with iron, quadrant-shaped, of about one bushel tonic, which is but a few hundred feet disearth like a charcoal kiln, charred without capacity, and one to each stall. The boxes being suffered to blaze, and scattered over are placed one on each side of a partition, ged as to convert the water which falls over the field, as they are hardly of any value in that divides two stalls, and are each attach-them into a sheet of foam, from which it a country like ours where fuel is abundant, ed at the right angle corner of the box to justly derives its name of Cascade Burn." 1 will do myself the honour of again ad the front partition stud by hinges, so that the The Plough, Loom & Anvil. boxes may be swung around into the feedinghall, in front of the cattle, and over the feeding-ear, that the feed which spills in filling the boxes, may fall into the car instead From the Agricultural Instructor; or Agent B. A. Land Company. of on the floor. After the boxes are filled, they are turned with a slight touch, before

Few farmers can afford to erect a build-leach side of the hay-tube, at a convenient 1. Tre Spade This tool assumes a ing equal to one that they can plan, and still height from the floor, so that two animals great variety of forms: in the boggy dis-

labor required about the building the ough-"A correspondent of the Rural New-out the year. Across the front of the stalls ger through which the cattle may be water-

one handred and five pounds of nitrogen, ing wood and lumber, threshing, cleaning, labor of taking care of the dairy, which can equal for feeding or fertilizing purposes to and clevating the grain, cutting straw and all be performed without the least exposure thirty tons of turnips, an average yield of stalks, unloading the hay, depositing it in any which, even in the highly cultivated farms of desired loft, churning, grinding, &c. England, does not exceed twenty tons. "The first story is used as a manure vault; and steamed roots that are reduced to a pulp Even were it possible to grow turnips here the second stabling; the third for grain, hay, by the revolution of a cylinder in which the to advantage, we should find it difficult to and apartments for domestics. The arrange-roots are placed after steaming, with four feed animals on them in winter, whereas oil ment for feeding the cattle is most ingenious cannon-balls of ten pounds each; and, I bebefore the line of cattle, and shovel the food portant feature that is too often overloooked.

## AGRICULTURAL IMPLEMENTS.

Young Farmer's Class-Book:

Free trade in corn being now established, I have considered flax seed as worth only the cattle again. In the centre, between it is only by producing abundant crops at the five shillings the bushel, as it has hitherto the next or adjoining pair of stalls, is an least possible expense, that the farmers of only brought that price in Canada; it is erect cylinder, two feet diameter at the the United Kingdom can hope to compete however intrinsically worth more here than bottom, and one foot eight in hes at the top, successfully even in our own markets with in England, and will, when its value is ap-which projects equally into each stall, and those of many foreign, and, as regards rent preciated, readily bring seven shillings and extends from about a horizontal line with the of land and labour, much more favourablycial value, yielding thirty-three per cent of the stalls) to the upper surface of the hay-ments and machines being amongst the most loft floor, directly over the cattle, that it obvious means of effecting this object, a may be filled from that floor. There is a short notice of some of the most important circular aperture six inches in diameter, in of them appears desirable.

fewer to build one like that described below may eat from the tube at the same time tricts in some parts of the west of Ireland it