at the beginning of the process; besides, the butter is not so much beaten and toughened, by repeatedly passing under the blades, as in other machines; it is found, therefore from all these causes united, that the quality and quantity of the butter are improved, and the labour decidedly In using a thermometer, this machine lessened possesses convenience for making a true observation of the temperature, for, in other machines the process must be stopped to try the hear, in this, the thermometer may be suspended constantly in the smaller division of the churn, and the temperature accurately observed at any time while the process of churning is going on-Price £4.

Among the Cheese Presses that were shown, we may refer especially to that by Mr. Buckshaw, of Longstow, near Market Drayton, Salop. This press is so fitted that it will press different weights, from 5 cwt. to 30 cwt., with the same ball, merely by shifting a small rollër which acts as a fulcrum, into the different resesses made for that purpose in the lever .-- Price £ 3.

Flax Rippling Machine. -- An efficient implement, invented and exhibited by Mr. J. Dickson, of 29, Broad-street-buildings, London. This machine is constructed entirely from cast and wrought iron, on a frame about 31 feet in height, the rippling teeth being 8et at right angles with each other, and bevelled from top to cottom, so as to cut off the seed balls as the Flak-stalks are pulled down and through them, the tearing off or the seed being thereby effected without damage to or shortening the fibre, whereby the full value of the crop is preserved for the spinner's use.-Price £3.

Harrows—The prize was carried off by Messrs. Saunders and Williams, of Bedford, for their Set Hull, £17. of Patent Four-Beam Diagonal Roll Harrows. and are drawn by two horses; the teeth are so original makers, give the following statement apart £5 at Newcastle, 1846. It has since bean im- £18.

proved in construction; first, by increasing the number of the spikes on the second and third spindles; secondly, by placing the front spindle higher than the others, so that the Harrow may surmount clods and rough land more easily; and thirdly, by the addition of travelling shafts. This implement is now so well known, having been used in almost every county in England, that it need only be said of it, that it produces a deeper, finer, and cleaner tiliage than any other field implement, leaving the land in a state resembling a garden-bed worked by hand. It is intended to follow the plough; and after using the harrow, once going over the land with a fine seed harrow is sufficient to produce the finest tilth. It is made of various widths. The Judges at Newcastle recommend the 5 feet harrow as the most generally useful .- Price £16."

It consists, as most of our readers are aware, of three sets of horizontal parallel axles, carrying a number of rowels or rimless wheels, presenting pointed spokes, each on each axle being placed opposite, and, in fact, in the interval between two on the adjacent axle. The whole framework, with all these spikes, resting on the ground, is drawn along, and the revolution of each rowel keeps its neighbors from becoming clogged. Messra, Crosskill have attached one of these spiked frameworks to the frame of a Uley Cultivator or Ducie's Drag. By removing the harrow and affixing the tines, it former a complete ducie's drag harrow; the cost of both the implements is thus very considerably reduced. The revolving rollers are placed upon round axles, and each acts separately; the same principle as adopted in Crosskill's patent Clod Crusher Roller .- Price, delivered in

Mr. Smith, of Northampton, has one for hoeing The form is diagonal, and the set consits of three, turnips or corn of any interval between the rows capable of being guided, very easily and accuconstructed that each cuts a separate track. The rately, by the driver, who is also enabled to comdraft being from the centre, gives them an advan- pensate a very considerable lateral deviation or tage, so that if one horse moves more forward fault in the motion of the horse which draws it. than the other, the Harrow is not put out of its Garrett's well-known drill-hoe for com was exworking lines by it .- Price £4 15. The Nor- hibited. This implement is for the purpose of wegian Harrow is exhibited by many implement hoeing between the rows of whent, barley, beans, makers, thus proving the general opinion of its peas, turnips, carrots, and mangold wurzel, or any excellence. Messrs. Stratton, of Bristol, the other crops not drilled less than 7 or 8 inches It is suited to almost all descriptions of about it:--"In its imperfect state it obtained a of soil, and from its extreme simplisity may ensily prize of £10. at Shrewsbury, 1845, and a prize of be managed by any agricultural workman. Price