phates Lany of tho oxporimuntal the short-wooled olassos, as his pon of erops yioldod from 2240 lbs. $10246 \pm$ wothers woighed $949 \mathrm{lbs}=316 \mathrm{lbs}$ lbs. an aoro, but the quality lay with
tho hops that had received heavy drossings of superphosphatos.

Early lambs.-No doubt some owes, here and thore in the provinco, aro on the point of launbing. Gonerally speak ing, tho lambs one rees hanging up in tho Montreal butchorg' shops in early Maroh sre too young and ton soft. No lamb less than ton weeks old is fit for tho best tables, and unless thay get poase for tho lust 3 weeks or 80 , in at trough hurdlod off from the ewo-shed, their flesh is sure to bo "pappy," like the flesh of tho young fawn and the Canada hare. Tho prices paid for early lambs here are eo hito ral that the growors could afford to take a littlo trouble to bring them to perfection.

Mangels are good food for suokling owes, but oare should be taken nor to give too many to rams and wethers, as they are apt to produce infammation of tho urinary passage. Our Farm tutor, Wm. Rigdon, loot three or four of his best Southdown show rams while wo were with him A curious erystal like substance formed in the passago, and the poor thinge died from obstruction of the urine. Rigden al. ways attribated this to his shepherd having given the rams too many man gole, a food of which he had a very high opinion of for summer-foeding, and for whioh by used to pay high prices when his own stock of this root was exhausted, though, at the rame time, his farm was over-flowing with clover, tares, crimson-clover, \&o.
Mangels, too, wo have heard from a largo farmor in England, are apt to canse sows to abort. The farmer in question, John Cottingham, of Chesterford, Essex, was a man possessed of no small scientific acquirements, in addition to being a thoroughly practical man.

Sheapin New-England_Mr. Scarff, of Vermont. stated lately at a meeting of farmers in that State, that he was kceping a flock of 200 sheep in :onneciion with his dairy. "He thought that beeping sheep on the run down or abandoned farms in Vormont would bo profitable." Yes, wo should think so, ton. In some places, thare are really good farms to be bought for from $\$ 5010$ to 81000 , with decent buildings, and we cannot concoive an casier way of making money than by buying half $a$ dozen of these, laying them togsther aud atocking thorn with sheop

Sales cf Suffolk-downs.-Lurd Ellesmorn has been for sume time ongagod in improving his flock of Suffulk-down sheop, and with vory groat success, as
will bo apparent by the prices his stock sold for this Christmas-ude.
The Suffolks, like the Shropshire, are not of pure origin, but spring from a bardy broed, axyinally foand on the heaths between Suffolk and Norfolk, from which. after a cross with the truo Downs, came the present Snffolks. They are rather long in the leg, with black faces, and their matton is of ex. cellent quality, so good, in fact, that Allen a butoher in Mount Sticet, Grosvencr Square. London, owed his reputation to his always having a lot of these sheep hanging - with their black heade and legs on - outeido his rhop, whence we have eaton many a saddle of their mution.
Lord Ellesmore, who is President this year of tho Smithfield Club, was espected to win the championship of
each; but unfortunatoly, the restrictrictions upon the romoval of stook under the orders of the Board of Agriculture provented their oxhibition, at the show, and he was obliged to soll thom at home by private salo.
Woll, they sold at protty fair prices: thirteen ehoaring wothors, avoraged 42.00 each. Eloven wother lambs, $\$ 16.00$, enoh. Eight owos, $\$ 20.00$, osoh, and thirty wethor lambs, from the grass, 81100 ead.

Grass-land.-It seoms to be now Botulod, in England, though not in the States, that it is best to cut moadows just beforo the grasses come into full bloom, as the bay produced thoroby is much more nutritise, and, further, the pasture or hay in the following soasons will be much stronger. As to manures for grass, we have long known, from Lawes' exporiments, that nitrato of soda great oncourages the growth of the grasses but that the clovers do not benẹit much by its application, the laxarianoe of the grasses overpowaring them. Superphosphates and potash, on ordinary soils, produco good results, as does basic-slug un lowlying pastures. Young atock and dairy-cows whero the whole milk is sold or choese made injure grazing land, but fattening stock cause hardly any delerioration to it, especially if cake or grain, or both, be given to the cattle while grazing.

Drills and grabbers.-Being asked to enquire of the best informed English authorities as to the steerage drills and pair-horse grabbers most in favour in that conntry, we received the following from the Editor of Agricultural Gazette:
Questions and Answera-Genseal. - Drill.- Some forty years ago thero used to be a very handy drill mado called the "Woburn." It was light work for a pair of horses; the steerago was simple, and, the skates being removed, boes could take thoir place; it served the double purpose of drill and horse-hoe beautifully. People cannot afford expensive implements here, this, if I recollect, cost $£ 20$. Can you tell me if any such implement is to be had now; and, if it is still made, where I can write for one? Another tool, much wanted hero, is a really good parr-horso grubber. Coleman's drag was my favourite when farming in England. Is it still mado ? Il you will Kindly answer these questions, you will obligo--A. R. J. F., (Montreal),[Perhapa Dening and Co.e, Cbard, Somerset, 13 -row drill might suit, quoted £27, Adams and Co.'s, Cattle Market Road, Northampton, two hurse drill, with steerage behind, quoted $£ 29$ Hornsby's, Grantham, "Hinoosier" drill, light and stroug, 13-conlter, quoted £23, Gower and Son's, Markot Drayton, Salop, 17 rows "Anglo-Canadian," quoted £32. Wm. Elder'ं, Tweedaido Imploment Works, Berwick-on.Tweed, two-horse grabber, fivo tinos, quoted $£ 3$ and $£ 310$ s. We are under the impression that Amorican and Canadian drills are lighter and cover more ground than English drills ]
We have a vory ligh opinion of the Canadian drills, but wo have nover yet seon one with a stecrage, either fore or aft. Is there such a thing made hore? If angar-beots aro to continuo to be grown, as we frmly beliove thoy
are, it is absolutely necessary that a stooragedrill be omployed to eow the
bo sooured by tho old raised drills-28 inches apart-and a horso-hoo of the samo width as the drill, to taloo threo rows at a time, is also peremptorily domanded; for, no matter how care fally a man may drivo, the horses will swervo from the straight lino oucasionally; whoreas with a steorage drill and a horso-hoo of the ame width, wo oursolvos have hood acres upon acres of whoat, barloy, and oats, without the slightest injury to tho crop. The Woburn drill, mentionod above, was the implement used.

Judges and judging. - We often, whon we see the cool accoptance of the office of Judgo of a olass of oxhibits with which tho acceptor has but a very shallow acquaintanco, think of
our dear old farm tutor, Wm. Rigden, who, at the Norwioh Exhibition of 1852, refused to judge the long-woollod classes of shoep, becauso, as ho ssid, "I know a Southdown fiom its eurb to its hoofs; but I never bred Leices. ters or Down-Leicester crosese." The following article from tho "Nor' West Farmer" on.this sabjoot is worthy of attention. We romember some 10 years ago being one of a trio of Judges of cattle, Jerseys included, one of us had never scen a Jersey, and the othor had seen one!
As thero is to be an Exhibition at Mile-End this summer, (Sopt. 13th to 218t) we do hope that there will be a real expert employed to judge tho Guernseys and another for the Jerseys; for tho type of the two breeds is quito distinct.
Judges and judging.-The Scottish Farmer has the following excellont article on this subject, which The Nor' West Farmer heartily endorses: "Among the many faotors necessary to the sucosseful carrying oat of any agricultaral show, tho most important is the procuring of thoroughly competent mon to aet as judges. There are probably handreds who considor themselves such in the different olasses of stook whioh they favor; but, in reality, the number of really compotent men is but small. Many a manifairly good and roliable jadge, pro vided ho has plenty of time to arrive at his decision, and the number of animale before him is not too large; bat such an one may become absola tely bewildered with a large class,and when a decision must bo arrived at in the limitod time at the disposal of the judges at any of our important shows. It is comparatively easy to award po sitions when animals of outstanding merit are pariaded; but when tho animals are of nearly equal merit, and yot each possossing differont excellon. ces, it requires great thought and jadgment to arrive at a just docision; and but fow are really trustworthy under such a cracial test. Many a man would be trastworthy it he could jast have the animals quietly placed be. fore him in his own yard; but having to act in the presenco of handreds, and sometinos thousands, of intelli gont on lookers and keen partisans, ho becomes nervous, and fails ofton from that cause alone.

Our object in drawing attontion to this subject is to bospeak a littio more kindly and pationt treatment on the part of exhibitors and their friends for tho gentlomen who, without payment and at the cost of great anxiety, consent to act on sach occasions. Wo venture to assort that thero are no moro anxions persons on the groand than the judges, and if occasionally thoy do ecom to err a little in their awards, it is well to think as charitably as possible, and attribute
tho deoisions to thoir tasto rathor than a wilful porversion and abuso of powor. It is woll to bear in mind that thero can nover bo a rigid standard of ozcollonvios for any olass of animals, as witness the great battlo of the Batos and Booth typos of Shorthorns, and still later of the Scottiah typo of tho samo breod. Further, oxhibitors as a rale are not in a favourablo position to allow them to judgo oalmly and justly. Bearing in mind the vory great oare now exeroisnd in tho selcotion of judgee for all the principal shows, it is but rarely that an incompotent man is oalled to act, and moro raroly still do anoh give a palpably dishonest docision from sinistor motives. Honest, candid sriticism is quito allowablonay, dosirable-but we have occasionally heard bitter romarks mado which, wo pload, might well havo boen spared. Our sympathies are wholly with the system of singlo jadges, and wo trust the time is not far distant when no other aystem will bo allowed in any showyard."

Clover-seed.-It appears from a rocent account in an English papor that among the seeds of clover cont to England tho seeds of weeds are so largoly present that the Amorican Consul at Nowcastle-on.Tyne has caild the attontion of the Stato Dopartment at Washington to the fuot.
The article roferred to, which is head. od "Soeds and Weeds," declares that as very large quantities of American clovorsced find their way to Europo attention ought to be very forcibly directed to the results of a very exhaustive investigation mado recently by the Ontario Agriculitural station, which confirms those of several othor axporiments in the United Statos. 'To say nothing of Canadian exporte, the Onited States exportod in the first nine monthe of $18 y t$ over thirteon million pounds of clover seed, at a value of about ten cents por pounds. This, and also much of what is sold generally in North America, is described as "ono of the most impure seods now on the market." The examination shows that in oleaned alsike here wore more than nine per cont of weed seeds, chiefly sorrel, while in red olover there wore six percent In tho case of alsike this mesns that in one ounce of seeds and in the six pounds ased for an acre of land no less than 180 weed soeds and the six pounds used for an ac:- of land no less than 700,000 weed seeds. This is not the whole exposure, for it was found that some of the more unsorupaloas seedsmen make a practice of grinding ap quartz, dryng, sifling, and dyoing it, and then mixing it with clover seod. Neurly all oxaminors that have looked into the matter join in warning Amorican and Canadian farmers to beware of low priced seeds, to deal with nono but responsible and respectable merchants and to have samples of their seeds tested and examined at an oxperıment station before sorving. With the exports from America, indicated abore, the farmers of the United Kingdom are warned that they ought to booqually earofal in their purchasos of clover or any other soeds from Amorics.

The yield of Cereals.-Last weok re printod tho proliminary Agrionltural Produce Statistics of great Britain for 1894, issued by the Board of Agricultare, comewhat carlior than asual. Tho yield of wheat is pat at 30 . 69 bushols an aora, which is less than the estimates mado in some quartora just after harvest, bnt very close to
our own early riokoning. Tho yiold

