statement when the crop is cut. Store stock is very scarce, and dear with us. We have turned out a few beasts in each of our grazing grounds, about 30 in number, all of which are doing well. We should not have turned out so soon had not our hay been nearly consumed. *G. B.*

Notices to Correspondents.

BOOKS: *A Learner.* Low's "Elements of Practical Agriculture"—which discusses Plants, Cultivation, Domestic Animals and their Management. The best completed work on Poultry is that by the Rev. E. S. Dixon.

DOGS: *Marlborough.* The question is one for your lawyer. We conclude, however, that shepherd's dogs alone are exempt; that is to say, if also employed as butcher's dogs, they will be liable.

GRASSES: *H B.* Mr. Lawson's "Agrostographia." We must not mention prices.

GRUB: *A Grazier.* An army of ducks herded over the land has been known to be efficient.

LOIS WEEDON: *Argillaceous.* The pamphlet by Mr. Smith is published by Ridgway, Piccadilly. The "one-half" referred to are the clay-land tenants. Peat charcoal is advertised.

TANKS AND HOSE: *C R D* would be glad of information on the following point, and it might be useful to others as well as himself. He intends making a large tank, and has three others, much smaller but deeper tanks, standing on the same level or a little lower, which he wants to have the power of filling from the large tank. The distance between the two furthest tanks is about 180 feet, but not in a quite straight line; the deepest tank is 21 feet. Now, can any one tell him whether a syphon made of Burgess and Keys' canvas hose, lined and coated with gutta percha, or of any other material, would practically answer? What bore should the syphon have, to convey in the course of 10 or 12 hours 3000 gallons of water? [It depends altogether on the difference of level between the water in the one tank and that in the other. The syphon may be filled easily, if one end be placed in one tank, and a hand garden syringe tied to the other end, which would soon pump it full.]

THE FLY: *L P.* The best preventive to the fly is the application of coarse whale oil to the skin, or to those parts most likely to be attacked. It should be applied soon after shearing, in woody districts, where sheep are subject to the attack of the fly. *W C S.*

WHEAT: *L P.* Dress it with guano 3 cwt., or sulphate of ammonia 1 cwt., per acre; spread in wet weather, and hoed in dry.

Markets.

COVENT GARDEN, May 7.

The weather still continues cold; nevertheless Vegetables are improving, both in quality and quantity. A few forced Peaches make their appearance. Forced Strawberries fetch from 6d. to 1s. an ounce. The supply from the Continent of Green Peas, new Potatoes, Horn Carrots, Asparagus, Radishes, Globe Artichokes, Endive, and Lettuces, is still considerable. Both Seakale and Rhubarb are abundant. Frame Potatoes fetch from 1s. to 2s. per lb. Mushrooms are scarce. Cut flowers consist of Hyacinths, Primulas, Tulips, Roses, Cyclamens, Mignonette, Cinerarias, Azaleas, and Camellias.

FRUIT.

Pine-apples, per lb., 8s to 14s	Oranges, per doz., 1s to 2s
Grapes, hothouse, p. lb., 8s to 12s	— Seville, p. 100, 7s to 14s
Peaches, per doz., 18s to 24s	Almonds, per peck, 5s
Strawberries, per oz., 6d to 1s 6d	— sweet, per lb., 2s to 3s
Apples, dessert, p.bush, 10s to 15s	Nuts, Barcelona, per bush., 20s
— kitchen, do., 6s to 12s	— Cobs, 120s
Lemons, per doz., 1s to 2s	Chestnuts, p. bush., 8s to 20s.

VEGETABLES.

Cabbages, per doz., 1s to 2s	Shallots, per lb., 6d to 8d
Broccoli, per doz., 2s to 4s	Garlic, per lb., 6d to 8d
Greens, per doz., 2s 6d to 4s	Lettuce, Cab., p. doz., 6d to 1s 6d
French Beans, per 100, 1s to 2s	— Cos, per score, 1s to 2s
Asparagus, per bundle, 5s to 10s	Radishes, per doz., 1s to 2s
Seakale, per basket, 2s to 2s 6d	Endive, per score, 2s 6d to 3s
Rhubarb, p. bundle, 4d to 1s	Small Salads, p. pun., 2d to 3d
Potatoes, per ton, 85s to 150s	Horse Radish, p. bundle, 1s to 3s
— per cwt., 5s to 9s	Mushrooms, p. pott., 1s 6d to 2s
— per bush., 2s 6d to 5s	Sorrel, per hf. sieve, 6d to 1s
Turnips, per doz., 3s to 4s	Artichokes, Jer., do., 1s to 1s 6d
Cucumbers, each, 6d to 2s	Fennel, per bunch, 2d to 3d
Celery, per bundle, 9d to 1s 6d	Savory, per bunch, 2d to 3d
Carrots, per doz., 6s to 8s	Thyme, per bunch, 2d to 3d
Spinach, per sieve, 2s to 3s	Parsley, p. doz. bunchs., 3s to 5s
Onions, per bushel, 6s to 10s	Mint, green, per bunch, 3d to 6d
— Spanish, p. doz., 2s to 5s	Basil, do., per bunch, 1s
Beet, per doz., 1s to 1s 6d	Marjoram, do., do., 1s
Leeks, per bunch, 3d to 4d	Watercresses, p. 12 bun, 8d to 10d

HAY.—Per Load of 36 Trusses.

SMITHFIELD, May 5.

Prime Meadow Hay	85s to 92s	Clover	...	...	95s to 105s
Inferior do. ...	... 70 78	Second cut	...	...	70 90
Rowen ...	... 45 56	Straw...	...	...	30 33
New Hay ...	... — —				E. J. DAVIS.

CUMBERLAND MARKET, May 5.

Prime Meadow Hay	88s to 95s	Inferior Clover	...	...	78s to 95s
Inferior do. ...	... 70 80	New do.	...	...	— —
New Hay ...	... — —	Straw...	...	...	34 38
Old Clover ...	...100 110				JOSHUA BAKER.

WHITECHAPEL, May 5.

Fine old Hay	... 88s to 90s	Old Clover	...	...	...100s to 110s
Inferior do. ...	... 70 80	Inferior do.	...	...	70 90
New Hay ...	... — —	New Clover	...	...	— —
Straw...	... 28 32	Inferior do.	...	...	— —

COAL MARKET.—Friday, May 6.

Eden Main, 17s. 6d.; Wallsend Haswell, 18s. 6d.; Wallsend Hetton, 18s. 6d.; Wallsend Lambton, 18s.; Wallsend Stewarts, 18s. 6d.—Ships at market, 131.

POTATOES.—Southwark, May 2.

During the past week the arrivals have been more limited, still trade is quite as dull as the previous week, owing to large quantities being left over, and for most sorts lower prices have been submitted to. The following are this day's quotations:—Yorkshire Regents, 100s. to 140s.; Lincolnshire do., 90s. to 110s.; Scotch do., 100s. to 120s.; ditto reds, 80s. to 90s.; French whites, 80s. to 90s.; Rhenish, 80s. to 90s.

ENGLISH TIMBER.—May 7.

	Round Timber.	Plank.	Inch Board.
	Per load.	Per foot cube.	Per foot superf.
Oak	£5 0 to £6 10	3s. 0d. to 5s. 0d	0s. 4½d. to 0s. 6d
Ash	3 0 — 4 10	2 6 — 3 0	2 — 0 4
Elm	2 15 — 3 15	1 3 — 1 9	0 2½ — 0 3½
Beech	2 10 — 3 10	1 3 — 1 9	0 2 — 0 3
Lime	3 0 — 3 10	1 6 — 2 0	0 3½ — 0 4½

ENGLISH AND FOREIGN BARK.

The accounts we have received from the country lead us to suppose that there will be above an average fall this year, and prices are expected to rule low in consequence of the short import of hides.

English Coppice, p. load of 45 cwt.		...	£14	0 0 to £15	10 0
" Timber	"	"	...	10 0 to 14	0 0
Antwerp Coppice, per ton		...	...	5 5 0 to 6	0 0
" Timber,	"	...	...	5 5 0 to 6	0 0

WOOL.

BRADFORD, Thursday, May 5.—There are but few lots of wool offering, and equally indisposed are the buyers to purchase at the rates now sought; consequently there is more quietness in the operations of the buyers than has been observed for some months past, and we incline to think that the spinners will see the necessity of acting with caution in their future purchases, as it is impossible to be reimbursed at present prices.

SMITHFIELD.—Monday, May 2.

The number of Beasts is rather smaller; there is a fair demand for all kinds, and choicest descriptions are a little dearer. We have a larger supply of Sheep and Lambs; trade is dull, and prices are a trifle lower, especially for big Sheep. Good Calves are in request, and late quotations are fully realised. From Germany and Holland there are 773 Beasts, 1290 Sheep, and 158 Calves; from Scotland, 460 Beasts; from Norfolk and Suffolk, 2100; and 150 from the northern and midland counties.

Per st. of 8 lbs.—s d	s d	Per st. of 8 lbs.—s d	s d
Best Scots, Here-		Best Long-wools... 0	0 to 0 0
fords, &c. ... 4	4 to 4 8	Do. Shorn ... 4	0 — 4 2
Best Short-horns 4	2 — 4 6	Ewes & 2d quality 0	0 — 0 0
2d quality Beasts 3	0 — 3 8	Do. Shorn ... 3	6 — 3 10
Best Downs and		Lambs 5	8 — 6 4
Half-breds ... 5	0 — 5 4	Calves 3	8 — 4 10
Do. Shorn 4	2 — 4 6	Pigs 3	8 — 4 8

Beasts, 4303; Sheep and Lambs, 24,300; Calves, 228; Pigs, 310.

Friday, May 6.

The supply of Beasts is considerably larger than on Friday last; Monday's prices, therefore, cannot be supported, nor can a clearance be effected at our reduced quotations. The number of Sheep and Lambs is rather smaller, however, it is fully adequate to the demand. Indeed, owing to a heavy trade in the dead markets, it is difficult to realise late prices. Good Calves are still dear. From Germany and Holland there are 205 Beasts, 380 Sheep, 309 Calves, and 16 Pigs; from France, 52 Beasts; and 120 Sheep; from Norfolk and Suffolk, 500 Beasts; and 130 Milch Cows from the home counties.

Per st. of 8 lbs.—s d	s d	Per st. of 8 lbs.—s d	s d
Best Scots, Here-		Best Long-wools... 0	0 to 0 0
fords, &c. ... 4	2 to 4 6	Do. Shorn ... 4	0 — 4 2
Best Short-horns 4	0 — 4 4	Ewes & 2d quality 0	0 — 0 0
2d quality Beasts 2	8 — 3 6	Do. Shorn ... 3	6 — 3 10
Best Downs and		Lambs 5	4 — 6 4
Half-breds ... 5	0 — 5 4	Calves 3	8 — 4 10
Do. Shorn... ... 4	2 — 4 6	Pigs 3	8 — 4 8

Beasts, 1064; Sheep and Lambs, 6400; Calves, 432; Pigs, 380.

HOPS.—Borough Market, May 6.

Messrs. Pattenden and Smith report that there is an increased demand for Hops of last year's growth, and prices are the turn dearer. The quantity on offer is very small.

Mid and East Kents	...	...	£5	0 0 to £8	10 0
Weald of Kents	...	...	5	0 0 to 6	0 0
Sussex...	...	...	4	16 0 to 5	15 0
Old Hops	...	...	1	10 0 to 3	0 0

MARK LANE.

Monday, May 2.—The supply of English Wheat to-day from the near counties was larger than of late; a few samples were picked early this morning at a decline of 1s. per qr., but at this reduction a clearance was not possible, and some quantity remained unsold towards the close of the market. The demand for foreign was slow, and to effect sales a decline of 1s. per qr. upon the prices of this day se'nnight was necessary. Several vessels are reported on the coast from the South of Europe, but we did not hear of any transactions to-day, although rather less money would have been taken. Of Barley we have a large arrival, and a decline of 1s. per qr. was generally submitted to. In the value of Beans and Peas there is no alteration. For Oats there is a fair sale at a reduction of 6d. per qr. on fine and 1s. on inferior qualities. Flour meets scarcely any inquiry.

Per Imperial Quarter.	s.	s.		s.	s.
Wheat, Essex, Kent, & Suffolk ...White	39	53	Red	37	45
— — fine selected runs ...ditto	41	58	Red	43	50
— — Talavera ...	53	59			
— Norfolk ...	—	—	Red	—	—
— Foreign ...	34	57			
Barley, grind. & distil., 23s to 28s...Chev.	24	30	Malting ...	25	29
— Foreign...grinding and distilling	25	30	Malting ...	29	32
Oats, Essex, and Suffolk ...	17	20			
— Scotch and Lincolnshire...Potato	22	24	Feed	17	22
— Irish ... Potato	21	23	Feed	19	20
— Foreign ... Poland and Brew	19	22	Feed	16	20
Rye ...	29	31	Foreign ...	—	—
Rye-meal, foreign ...	—	—			
Beans, Mazagan.....29s to 31s .....Tick	32	34	Harrow...	32	34
Pigeon.....33s — 36s...Winds.	39	41	Longpod...	30	34
— Foreign ... Small	32	37	Egyptian	28	30
Peas, white, Essex and Kent.....Boilers	38	41	Suffolk ...	40	42
— Maple.....32s to 35s.....Grey	30	33	Foreign ...	32	42
Maize ... White	—	—	Yellow ...	—	—
Flour, best marks delivered.....per sack	37	44			
— 2d ditto ... ditto	21	37	Country ...	21	37
— Foreign ... per barrel	21	24	Per sack ...	35	38

Friday, May 6.—The supplies of English grain this week have been moderate, but large of foreign. To-day's market was thinly attended, and the sale of English Wheat very slow at Monday's prices. But little progress could be made in the disposal of foreign, and on secondary qualities a decline of 1s. per qr. would have been accepted to effect clearances. Barley moves off slowly at about Monday's prices. Beans and Peas are unaltered in value. Fine sweet Oats sell readily at late rates, but out-of-condition parcels are the turn cheaper. Flour meets with very little inquiry. Several cargoes of Wheat from the South of Europe have changed hands at a reduction of about 1s. per qr.

Imperial Averages.

	Wheat.	Barley.	Oats.	Rye.	Beans.	Peas.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
March 26	44 9	31 10	18 9	33 0	34 3	32 6
April 2	44 4	31 8	19 0	30 5	34 8	32 5
— 9	44 9	31 4	18 9	31 10	34 5	32 10
— 16	44 10	31 11	19 0	29 10	34 3	33 7
— 23	44 7	31 5	19 0	27 3	34 9	31 11
— 30	44 4	31 6	18 8	30 0	35 3	33 3
Aggreg. Aver..	44 7	31 7	18 10	30 5	34 7	32 9

Fluctuations in the last Six weeks' Averages.

Prices.	Mar. 26.	April 2.	April 9.	April 16.	Apr. 23.	Apr. 30.
44s10d	...	...	...	...	...	...
44 9	...	...	...	...	...	...
44 9	...	...	...	...	...	...
44 7	...	...	...	...	...	...
44 4	...	...	...	...	...	...
44 4	...	...	...	...	...	...

LIVERPOOL, Tuesday, May 3.—The arrivals from Ireland and coastwise during the past week have been trifling. From foreign ports, however, we have received liberal supplies of Wheat, Flour, &c. The trade has been quiet, and holders of Wheat and Flour have shown more disposition to realise. Indian Corn has been in fair request, at full prices for yellow, but white has been easier to buy. At this morning's market there was only a limited attendance of the town and country trade, and the business done in Wheat and Flour was strictly of a retail character, at a decline of 1d. to 2d. per 70 lbs. on the former, and 3d. to 6d. per barrel and sack on the latter article. Oats and Oatmeal met with a moderately good demand, at late rates. Barley and Peas were without change in value, but Egyptian Beans were saleable at an advance of 6d. per qr. Yellow Indian Corn was in fair request, but holders generally asked more money, which checked business. White was comparatively neglected, and 6d. to 1s. per qr. lower.

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HETLEY AND CO. are supplying 16-oz. Sheet Glass of British Manufacture, packed in boxes, containing 100 square feet each, at the following REDUCED PRICES for cash. A reduction made on 1000 feet.

Sizes.—Inches.				Inches.		Per foot.	Per 100 feet
				Under 6 by 4	at	1¼d. is	£0 12 6
From 6 by 4				" 7 " 5	"	2d. "	0 16 8
7 " 5				" 8 " 6	"	2½d. "	0 18 9
8 " 6				" 10 " 8	"	2½d. "	1 0 10
10 " 8				" 12 " 9	"	2¾d. "	1 2 11

Larger sizes, not exceeding 40 inches long.

16 oz. from 3d. to 3½d. per square foot, according to size.
21 oz. " 3½d. to 5d. " " "
26 oz. " 3½d. to 7½d. " " "

PATENT ROUGH PLATE, "THICK" CROWN GLASS, and PATENT PLATE GLASS for Horticultural purposes, at reduced prices, by the 100 square feet.

GLASS TILES AND SLATES made to any size or pattern, either in sheet or Rough Plate Glass.

Propagating Glasses, Beehive Glasses, Cucumber Tubes, Glass Milk Pans, Glass Water Pipes, and various other articles not hitherto manufactured in Glass.

PATENT PLATE GLASS.—The present extremely moderate price of this superior article should cause it to supersede all other inferior window glass in a gentleman's residence. No alteration connected with the sash is required.

GLASS SHADES, as ornamental to, and for the preservation of every description of goods susceptible of injury by exposure. Prices, since the removal of the excise duty, reduced one-half. List of Prices and Estimates forwarded on application to JAMES HETLEY & Co., 35, Soho Square, London.

EWINGS' PATENT GLASS WALLS.—Iron works are now established for the manufacture of these, and the covering of existing Walls with Glass, and orders will be promptly executed in any part of Great Britain or Ireland. Commissions will be received through most of the respectable Nurserymen in the kingdom, and communications may be addressed to Mr. DUNN, Agent, St. Helen's Iron Works, Lancashire, or to the Patentee, Bodorgan, Holyhead.

N.B. These Walls can be seen in the Garden of the London Horticultural Society, at Eccleston Hall, Lancashire, or Bodorgan, Anglesea.

JAMES PHILLIPS & Co.,
116, BISHOPSGATE STREET WITHOUT.
PRICES OF
HARTLEY'S PATENT ROUGH PLATE GLASS,
for CONSERVATORIES, PUBLIC BUILDINGS, MANUFACTORIES, SKYLIGHTS, &c.

Packed in Crates, for Cutting-up of the sizes manufactured.	⅛th inch thick. s. d.	3/16th inch thick. s. d.	¼ inch thick. s. d.
30 inches wide and from 40 to 50 long } Or 20 " " 50 " 70 " } above 70 " ...	0 5½	0 7	0 9
	0 6	0 7½	0 9½
In Squares cut to the sizes ordered.			
Under 8 by 6 ...	0 4	0 5	0 6
8 by 6 and under 10 by 8 ...	0 4½	0 6	0 7
10 by 8 " 14 by 10 ...	0 5	0 6½	0 8
14 by 10 " 1½ ft. sup., if the length does not exceed 20 inches ... }	0 5½	0 7	0 8½
1½ ft. sup. " 3 ft. sup., or if above 20 and not above 30 inches long ... }	0 6	0 7½	0 9
3 " " 4 " 20 " ...	0 6½	0 8	0 9½
4 " " 5 " 30 " ...	0 7	0 8½	0 10
5 " " 6 " 35 " ...	0 7½	0 9	0 10
6 " " 8 " 40 " ...	0 8	0 9½	0 10½
8 " " 10 " 45 " ...	0 8	0 9½	0 10½
10 " " 12 " 55 " ...	0 8½	0 10	0 11
12 " " 15 " 65 " ...	0 9	0 10	0 11½
15 " " 20 " 75 " ...	0 10	0 11	1 0
20 " " 25 " 90 " ...	...	1 0	1 1½
25 " " 30 " 100 " ...	...	...	1 3
Quarries ...	0 6	...	...

PACKED IN BOXES OF 50 FEET EACH.

6 by 4 and 6½ by 4½ ... 10s. 6d. | 7 by 5 and 7½ by 5½ ... 12s. 0d.
8 by 6 and 8½ by 6½ ... 13s. 6d. | 9 by 7 and 10 by 8 ... 15s. 0d.

JAMES PHILLIPS & Co., Horticultural Glass Merchants, 116, Bishopsgate Street Without, London.

"There can be no question now that Rough Plate Glass is the most beautiful, as well as the most useful, kind of glass that can be employed in horticulture. It is free from all the faults of sheet or transparent glass, and it has many advantages peculiar to itself, without a single disadvantage as a set-off."—*Gardeners' Chronicle.*

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WAREHOUSE, 87, BISHOPSGATE STREET WITHOUT, LONDON.

Cut to any size squares, not above 40 inches long.		Squares in boxes, 100 feet each.	
		Under 6 by 4	12s.
		6 by 4½ 6½ by 4½	13s.
16 ounces ...	3d. per foot.	7 by 5, 7½ by 5½ }	under 9 by 7 15s.
21 ounces ...	4d. "	8 by 6, 8½ by 6½ }	
26 ounces ...	5½d. "	9 by 7, 8 by 8, 10 by 9, 12 by 10 }	20s.
32 ounces ...	7½d. "	13 by 10, 14 by 10, 15 by 10 }	

Large Sheet of No. 16, very superior, packed in cases of 100, 200, and 300 feet, at 2½d. to 2¾d. per foot.

Improved Patent Rough Plate from one-eighth to 1 inch thick. Glass Milk Pans, Preserve Jars, Bee and Propagating Glasses, Plate Glass, Patent Plate, Plain, Ornamental, and Coloured, as well as every description of Window Glass now manufactured. Glass Shades, round, oval, and square, for Clocks and Ornaments; Fern Shades and Dishes.

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GALVANISED IRON TUB GARDEN ENGINE,
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Is strongly recommended, for durability and low price, viz., £3.

May be obtained of any Ironmonger or Plumber in Town or Country, or of the Patentees and Manufacturers, as also Machinery of all kinds for raising Water from any depth to any height, by Steam, Horse, or Manual Power.