The Grain Prospects Abroad.

There are still a great many speculations on the state of the grain trade and the supplies for the ensuing year. There are no well established estimates, but the most recent reports indicate that the crops on the continent of Europe will be much below an average. Great Britain will have a very fair crop. Recently the average produce per acro was estimated at 30 bushels, but a more recent report places the average at 27 bushels, and the whole crop as larger than last year by ten millions of bushels. This addition, with the lerge stocks held over of last year's crop, both domestic and foreign, permits the market to start off with a low range of prices for the coming grain year, which commences on the first of September.

From Hungary we learn that the deficiency in the wheat From Hungary we learn that the doficiency in the wheat crop will be nearly 1,000,000 bushels below her usual average, but she will have a surplus for export of 144 millions of bushels. The ryc crop is also short as much, but of barley and oats there will be a large surplus. In Austria the supplies of wheat over an average harvest is estimated at a million and a quarter bushels, with an equally great surplus of barley and oats. Rye, however, remains a deficient yield. From the Baltic provinces of Russia and Germany the reports are that the correal how a done wall how that the

reports are that the cercals have done well, but that the reports are that the creats have done well, but that the rust has attacked the wheat crop, but to what extent is not known, and hence nothing definite is yet learned of the yield and quality of the wheat of that section of Europe. It is admitted that France will have a crop that is below her usual average, and will probably need a foreign supply of eight to ten millions.

From Russia we have no definite reports, but judging From Russia we have no definite reports, but judging from the accounts that have been already received, there will be a much larger yield than there was last year. There is, therefore, likely to be a much larger supply of surplus grain in Europe than there was last year, and there will be larger supplies from the Black Sea to meet the requirements of France through her Mediterranean ports of Marsoilles and Toulon, while the Baltic Sea and therallroad companies will supply the wants of Belgium and Holland to a very considerable extent.

The United States, so far as can be ascertained, east of the Pacific Slope have grown less wheat than last year, but to make up for this California, Oregon and Australia have each large surplus crops that must make up for any de-ficiency of grain in the States on this side of the Rocky Mountains.

These are the apparent conditions of the wheat trade at present, and lead to the conclusion that wheat will be slow to advance for the next three months, but that it is not likely to change a great deal from its present rates. It is not takely to be much lower, and there is a chance for it to be somewhat better as the year advances and the actual necessities of the consumptive demand are developed.

Items on Hydrophobia.

A correspondent having written to the Scientific Farmer, asking, when a dog is bitten by a - bid animal, what chance there usually is of infection, and how long before the bitten dog will develop symptoms, that journal gives the following as the result of its dive into the literature on the subject :-"Speaking with much latitudo, the stage of incubation, that is, the time clapsing between the receipt of the bite or inoculation of the virus, and the presenting of the first symptoms of this distressing malady, may be said to vary from 30 days to 18 or 20 months; the duration depending perhaps upon the virulence and quantity of the poison, as well as upon the constitution and age of the inoculated. The period appears to be shorter in the very young than in the more advanced in years. Exceptional cases are recorded, where the symptoms have set in as carly as the 8th day, whilst others are known in which the appearance has been delayed for 4 to 5 and 7 years. One instance is on record where it is said that 12 years intervened between the published the results of some experiments, which had been conducted with the object of learning the time of incubation in the dog. From these it appears that of 131 dogs bitten by mad dogs, and inoculated with hydrophobia saliva, 63 remained well at the end of 4 months. The disease was devalued in the 62 other there.

remained weil at the end of 4 months. The disease was developed in the 68 others thus: "In 25 dogs the disease set in between the 5th and 30th days. In 31 dogs, the disease set in between the 30th and 60th days. In 7 dogs, the disease set in between the 60th and 90 days. In 5 dogs, the disease set in between the 60th and 90 days. In 5 dogs, the disease set in between the 90th end 100th days." and 120th days.

THE LATEST THEORY.

The following extraordinary letter has appeared in the Brooklyn (U. S) Argus. The effrontery with which it is asserted that the various matters stated would be proved "if the facts can be ascertained," is something out of the common way, but the letter is worth preserving, even as the production of a monomaniae. "Brooklyn Society for the Prevention of Cruelty to Ani-mals, No. 199 Joralemon street.

"TO THE EDITOR OF THE Argus .- Hydrophobia in the "To THE EDITOR OF THE Argus:—Hydrophobia in the dog, I am satisfied, is the result of the animal having been inoculated by biting some person suffering from the disease of intoxication. Startling as this theory may appear, there is not the least question but that the facts will bear it out, "First.—Hydrophobia and mania a polu are identical in most physical conditions—subjects dead of either disease-presenting nearly the same autopsy. "Second.—The saliva of a man dying of delirium tro-mens, and that of a dog suffering from rables, bear the same chemical analysis.

chemical analysis.

"Thud. —The entire system of the patient suffering from alcoholic madness is so poisoned that rapid inoculation will follow any contact with the virus of the blood.

follow any contact with the virus of the blood.
"Fourth.—The bite of a man in an alcoholic fit has been known to result in hydrophobia.
"As to the application of these facts :—
"First.—With the canine race hydrophobia is never spontaneous; with man the disease is known to be.
"Second.—There is not a case on record of a dog having died of hydrophobia that will not admit of proof, if the facts can be ascertained, that the dog had previously bitten an inand the association is that the dog had previously bitten an in-toxicated person, or had been attacked by some other animal suffering from a like inoculation.

"GEO. WILL JOHNSTON, Superintendent."

Damages for Using Patents.

About this time look out for men travelling about the country and charging farmers a royalty for using a patent right. They generally hunt in pairs and threaten the farme.s on whose places they find patented articles that unless they pay a certain stipulated price by way of damages, an action will be brought against them in court. Most farmers are afraid of a law suit, especially one brought in one of the federal courts. They are ordinarily held at a distance from the home of farmers, and it is understood that great expense is incurred in conducting suits in them. On these accounts farmers generally put themselves at the mercy of the patent sharks, and submit to their demands. Every year some community in the West is proyed upon by parties who are seeking damages from farmers for using the sliding gate. This is a gate that is made like a length of a board fence, is supported by one or more pins on which it slides half its lenght, and is then turned round at right it alides half its lenght, and is then turned round at right angles with its position when it is in place. For years farmers submitted to their demands, and paid a royalty for using each of the gates on their farms. At length the members of a grange in this state refused the demand, and prepared to contest the claim in the courts. In looking up the facts in the case, they soon found that the gate had been used for years before it was patented, and that a cut of it had been published in an agricultural paper of general eventation at least a year before a patent was issued for it. circulation at least a year before a patent was issued for it. They had then a valid defence, and the patent right sharks, seeing their determination, were scared out of bringing : suit. They went, however, to other places and succeeded in collecting large amounts of money. Quite likely they are operating in some parts of the country at present. In are operating in some parts of the country at prezent. In like manner many farmers have been made to pay con-siderablesums for using single trees, lightning-rods and dairy utensils on which there was never any valid patent. It now appears that an attempt is to be made to force

all farmers who have driven or tube wells on their places to pay the sum of ten dollars on each of them. It is said that there are at least three-quarters of a million of these that there are at least three-quarters of a million of these wells in operation in this country, for the use of which a royalty has already been paid in some form. It also appeare that wells of this kind have been in use in England for more than tifty years, and that they are described in a work printed in 1829, and in very general circulation. It seems, moreover, that the naked savages of Ethiopia have used a contrivance of the same kind for unknown ages. It consisted simply of a reed pointed at the end and forced into the mud or sand till water was reached. The fact that the same kind for unknown of them that these wells have been in use and a description of them published is a sufficient defence in an action for damages for using a contrivance on which a patent was granted. It will be the part of wisdom for western farmers to unite in been known for so many years.—Chicago Times.

Short-Horn Sales.

The Short-Horn Reporter (W. T. Bailey, Buffalo) for October, contains reports of the following sales

	Place	No	Average	Total.
May 11.	Marshalltown, Iowa	. 50	\$153	\$7,665
June 22.		27	139	3,730
Aug. 9.	Fairview, Cynthiana, Ky.	77	406	31.240
- 10.	Stoner Farm, Paris	67	934	02,605
11.	Parls, Ky	81	400	82,385
12.	The Pines, Lexington.	. 64	203	18,775
17	Chillicothe, Ohio	93	255	25,005
23.	Osborn, Missouri	32	237	7,595
24.	Winfield, Iowa	27	121	8,275
29.	Grinnell, Iowa	69	182	12,565
May 31.		44	131	7.965
Aug. 10.	Ottumwa, Iowa.	43	179	7,680
		679	8825	\$220.485

The tabulation of these figures, and consequently the The tabulation of these ngures, and consequently the general result is our own; it turns out an average, as will be seen, of \$325 each on 679 annuals of both series, against \$382 each on 1,347 animals in the table of spring sales as published in this paper of July 13th. Of the 679, there wore 148 bulls and 531 females—more than one-quarter as many of the former as of the lattor, which must certainly be regarded as a very good proportion.

There was not a large crowd of buyers at the Short-Horn Sale yesterday at Doxter Park, says the Chicago Tribune of October 6, for a copy of which we are indebted to the auc-tioneer of the day, Mr. J. R. Page. Following is a record of the sale :-

Manurka 26th, Winslow Bros., Kankakee, Ill.	\$725
Mazurka Armstrong, Maj. E. S. Ward, Kansas City	800
Mazurka Armstrong 2nd, L. Hanna, Waveland, Ind	5.0
platura armstrong zind, as fianna, waveland, ind.	675
Constance of Lyndale Sth, G. H. Morrison, Minneapolis	475
Constance of Lyndale 7th, O. H. Morrison	1000
Bracolet 10th, E. E. Steigers, Kellogg, Is	205
Bracelet 6th do. do.	
Bracelet 6th do. do. Chatham's Fairy, L. Hanna.	310
Calla 19th, Dr. W. H. Heller, Abington, Ill.	000
Miss Wilow Outh Wal C Q Ward	1025
Church and the fair of the first of the second states and the seco	1020
Miss Wiley 20th, Maj. E. S. Ward. Constance of Lyndale 6th, Wm. Gibson, Oskland, Minn Constance of Lyndale 5th, E. E. Stelgers	800
Constance of Lynuale oth, E. E. Stelgers	1225
Molly URV. E. E. Stelfers	325
Lady of Deer Park, L. Hanna	400'
Oxford Oveen Srd. Jackson & Son. Farm Ridge 11	1406.
Oxford Queen 2nd do. do.	160
Oxford Queen do do	0.00
Lady Anna, J. R. Heath, Anawan, Ill.	320
Nolly Blyth 6th, Dr. Campfleld, Ottawa, IlL.	329
A biy biyen on, Dr. Campieri, Ottava, Ill.	700
Lady Spencer 3rd, W H Heller	200
Oxford Queen 6th, Jackson & Son	1000
Oxford Queen 4th do.	1300
Constance of Lyndale 9tis, G. H. Morrison	700
Orford Queen 4th do. Constance of Lyndale 9tis, G. H. Morrison. Constance of Lyndale 9tis, Maj, E. S. Ward	700
Alles Mary, P. F. Stelmore.	225
Miss Mary, E. E. Steigers. Blossom of Promise 2nd, E. E. Steigers.	625
Manuato Ond do	025
Allgenta and do.	050
Magenta 2nd do. Winons 2nd, L. Hanna Belle Loslie, Maj E. S. Ward	400
Belle Loslie, Maj E. S. Ward	875
Sweetmeat, J. R. Heathl	405
Rowens 5th do. Helen Bly, Maj E S. Ward!	190
Helen Bly, Mal E. S. Ward	\$25
Second Forest Lady, S. W. Jacobs, West Liberty, Iowa	525
Wild Eyes Beauty, L. Hanna.	425
First Louan of Cedar Farm, J R. Heath	230
Callin Ond A C Domes Delegation Th	200
Sally 2nd, A. C. Bogrs, Princeton, Ill.	155
Lugenia 3rd, L. Hanna	175

BULLS.

Mazurka Duke, Mr. Bullock, Tonica, Ill Baron Lyndale Srd, L. Hanna	150	
Baron Lyndate 2nd do. 5th Duke of Constance, 11,730, E. E. Steigers Second Forest Duke, G. P. Burnett, River Falls, Wis	306 350	
SCMMART.		

33 5	cows and helfers, average, bulls and bull calves do.	\$603 252	16-Total	\$23,110 	
43	head, average			\$24,37	

H. P. Thomson's Herd.

This sale came off on the 11th ult. with the following results. Forty-one head were disposed of-thirty-three cows and eight bulls. The total amount of sales was \$39,980, a general average of \$975 12. Bulls averaged \$704 33, and cows \$1,040 75.

Fidelity 6th, Joshua Barton, Millersburg, Ky	\$1000
Belle Duchess, Joseph Julian, Bainbridge, N Y	4000
Duke of Moundale, Mrs. Jessie Long, Monroe, Ia	. 1800
Peri 5th, S. W. Jacubs, West Liberty, In	1700
Peri of the Valley, S W Jacobs, West Liberty, In	. 1800
Second Duke of Moundale, C. A. DeGraff, Janesville, Minn	. 650
Princess of the Valley, John B. Saylor, London, Ont	2450
2nd Princes of the Valley, M. H. Cochran, Compton, Can Highland Maid 6th, Col. W. Sims, Paris.	. 2500
Highland Maid 6th, Col. W. Sims, Paris	. 1650
Ain Princess of the valley, winslow bros., Kangakee, III	. 2209
2nd Farl of Moundale, C. T. Noell, Nashville, Tenn Princess of Moundale, Mrs. Long, Monroe, Ia	. 285
Princess of Moundale, Mrs. Long, Monroe, Ia	. 759
Second Princess of Moundale, Col. Sime, Paris.	. 750
Second Duchess Auxievington, W J. Baroce, Paris	2000
Kirklevington Duke, Henry Meredith, Cambridge City, Ind.	400
Finesse 2nd, Joshua Barton, Millersburg	1185
Finesso Srd, W. Sins, Paris.	1000
Finesso 4th, Joshua Barton	700
Fourteenth Duke of Airdrio, John Van Meter, Midway	1850
Lady Languish Srd, Mrs. Long, Iowa	400
Lady Languish 2nd, Mrs. Long, Iowa	505
Campaspe, Joshua Barton, Millersburg	676
Campaspe 5th, John Payne, Newtown	003
Campaspo Duke, Asa Bean, Mount Sterling	150
Grand Duke, B. J. Clay, Paris	200
Oxfords Annette, C. A. DoGraff, Janesville, Minn	650
Imp. Duchess of Lancaster 13th, II. C. Meredith, Cambridge	700
City, Ind Hilpa Duchess 2nd, J. Julien, Bainbridge, N.Y.	200
Tippe Duchers and, o. Sunch, Eduloridge, A.L	620
Fidelity, H. Evans, Spring Station	1150
Fidelity 4th, W. Sims, Paris. Fidelity 5th, J. D. Reld, Mount Sterling	1100
Australia 4th, S. P. Kenney, Lexington.	325
Australia 14th, A. H. Davenport, Lexington.	350
Australia Orth C D Cannor Lavington	285
Australia 27th, S. P. Kenney, Lexington. Rasporry 7th, C. A. DeGraff, Minnesota. Underly Wild Eyes, S. W. Jacobs, Iowa.	\$00
Indaste Wild Free S. W. Jacobe Inge	250
20th Rose of Richland, G. L. Barbeo, Lexington.	775
COTIL TODE OF THE WARRING OF WE WILL DOOL WEATING OTTER WARRANTED TO	

20th Rose of Richland, G. L. Barose, Lexington, 20th Rose of Richland, R. C. Ertell, Lexington, Amelia, S. W. Jacobs, Iowa. Udors 6tb, Joshua Earton, Millersburg. 300 810 400 The Kentucky Live Stock Record contains the result of the two sales of Oct. 10th. We give a few of the leading prices, with summary :-

Ware & McGoodwin's Sale.

Srd Duko of Onelds (guaranteed to be a breeder); Ayres; Barton and Hutchcraft, Millersburg
 Fennel Duchess 7th, W. N. Offutt, Georgetown
 State Strain Str