

# SOUTH GREY FAIR.

To be held in Durham on Tuesday and Wednesday, Sept. 23 and 24.

## CLASS 14.—CHICKENS.

Light Brahma cockerel.....	50	25
Light Brahma pullet.....	50	25
Dark Brahma cockerel.....	50	25
Dark Brahma pullet.....	50	25
White Plymouth Rock cockerel.....	50	25
White Plymouth Rock pullet.....	50	25
Barred Plymouth Rock cockerel.....	50	25
Barred Plymouth Rock pullet.....	50	25
Buff Plymouth Rock cockerel.....	50	25
Buff Plymouth Rock pullet.....	50	25
Single Comb White Leghorn cockerel.....	50	25
Single Comb White Leghorn pullet.....	50	25
Rose Comb White Leghorn cockerel.....	50	25
Rose Comb White Leghorn pullet.....	50	25
Single Comb Brown Leghorn cockerel.....	50	25
Single Comb Brown Leghorn pullet.....	50	25
Rose Comb Brown Leghorn cockerel.....	50	25
Rose Comb Brown Leghorn pullet.....	50	25
Buff Leghorn cockerel.....	50	25
Buff Leghorn pullet.....	50	25
Silver Spangled Hamburg cockerel.....	50	25
Silver Spangled Hamburg pullet.....	50	25
Gold Spangled Hamburg cockerel.....	50	25
Gold Spangled Hamburg pullet.....	50	25
Red Cap Hamburg cockerel.....	50	25
Red Cap Hamburg pullet.....	50	25
Silver Gray Dorking cockerel.....	50	25
Silver Gray Dorking pullet.....	50	25
White Dorking cockerel.....	50	25
White Dorking pullet.....	50	25
Houdan cockerel.....	50	25
Houdan pullet.....	50	25
Black Java cockerel.....	50	25
Black Java pullet.....	50	25
Black Minorcas cockerel.....	50	25
Black Minorcas pullet.....	50	25
White Minorcas cockerel.....	50	25
White Minorcas pullet.....	50	25
Black Langshans cockerel.....	50	25
Black Langshans pullet.....	50	25
Black Spanish cockerel.....	50	25
Black Spanish pullet.....	50	25
White Wyandotte cockerel.....	50	25
White Wyandotte pullet.....	50	25
Silver Laced Wyandotte cockerel.....	50	25
Silver Laced Wyandotte pullet.....	50	25
Golden Laced Wyandotte cockerel.....	50	25
Golden Laced Wyandotte pullet.....	50	25
White Crested Black Polish cockerel.....	50	25
White Crested Black Polish pullet.....	50	25
Cornish Indian Game cockerel.....	50	25
Cornish Indian Game pullet.....	50	25
Black Breasted Red Game cockerel.....	50	25
Black Breasted Red Game pullet.....	50	25
Golden Duckwing Game cockerel.....	50	25
Golden Duckwing Game pullet.....	50	25
Buff Cochin cockerel.....	50	25
Buff Cochin pullet.....	50	25
Partridge Cochin cockerel.....	50	25
Partridge Cochin pullet.....	50	25
Seabright Bantam cockerel.....	50	25
Seabright Bantam pullet.....	50	25
Game Bantam cockerel.....	50	25
Game Bantam pullet.....	50	25

## CLASS 15.—TURKEYS—Bred Prior to 1902.

Bronze Turkey cock.....	50	25
Bronze Turkey hen.....	50	25
White Turkey cock.....	50	25
White Turkey hen.....	50	25

## CLASS 16.—Bred in 1902.

Bronze Turkey cock.....	50	25
Bronze Turkey hen.....	50	25
White Turkey cock.....	50	25
White Turkey hen.....	50	25

## CLASS 17.—DUCKS AND GEES.

Pekin Drake.....	50	25
Pekin Duck.....	50	25
Aylesbury Drake.....	50	25
Aylesbury Duck.....	50	25
Rouen Drake.....	50	25
Rouen Duck.....	50	25
Emden Gander.....	50	25
Emden Goose.....	50	25
Toulouse Gander.....	50	25
Toulouse Goose.....	50	25
One pair Guinea fowl.....	1 00	50

### RULES.

1. That a fee of 10 cents each be charged for all Thoroughbred Fowl.
2. That all diseased birds are to be removed and not allowed to compete.
3. All the fowl will be judged by the American Standard of Perfection, excepting Common.

## CLASS 18.—COMMON FOWL.

Aged Turkey cock.....	50	25
Aged Turkey hen.....	50	25
Young Turkey cock.....	50	25
Young Turkey hen.....	50	25
Gander.....	50	25
Goose.....	50	25
Drake.....	50	25
Duck.....	50	25

Common Turkeys, Geese and Ducks to be judged by weight. No entrance fee to be charged for Common Poultry. No thoroughbreds to be entered in Class 18.

## SECOND DAY.

### CLASS 19.—HORSES.

Span walking farm horses attached to lumber wagon once around the ring, 3rd special by Wm. Guthrie, whiffletree.....	4 00	3 00	2 00
Span driving horses attached to vehicle, 1st special Barclay & Noble, wheelbarrow.....	4 00	3 00	1 50
Buggy horse, 2nd special by Dr. Guin.....	3 00	2 00	1 00
Saddle horse, 2nd special by Dr. Hutton.....	3 00	2 00	1 00
Span heavy farm horses attached to wagon, 1st special by C. McKinnon (\$5 00) goods.....	5 00	3 00	2 00
Test of speed around ring for farmers' horses that have never won money, driven by owner or his son.....	6 00	4 00	2 00
Open race purse \$100.....	60 00	25 00	15 00
2nd Race, 3 minute class, purse \$50.....	25 00	15 00	10 00

Entrance fee 5% with 5% additional to winners. American Trotting rules to govern. The committee reserve the right to declare races off if weather is unfavorable. Four to enter and three start or no race.

### CLASS 20.—AGRICULTURAL PURPOSE HORSES.

Brood mare with foal by her side, 3rd special by W. Irwin, Chronicle.....	3 00	2 00	1 00
Spring foal.....	2 00	1 00	
Two-year-old gelding.....	2 00	1 00	
One-year-old gelding.....	2 00	1 00	
Two-year-old filly.....	2 00	1 00	
One-year-old filly.....	2 00	1 00	

## GOVERNMENT EXAMINATION OF SEEDS.

Department of Agriculture, Ottawa, June 17, 1902.

While intelligent farmers, with a fair knowledge of the seed trade, can obtain high classed seeds, a large proportion of them get their supplies in small towns or villages from local dealers who have but a limited knowledge of seeds. The result has been that those farmers who are not within reach of a good commercial centre have experienced difficulty in securing reliable grass and clover seeds. This led Agricultural Societies, Farmers' Clubs, and individual farmers to direct the attention of the Department of Agriculture to various grievances connected with the seed trade, and investigation has proved that there has been just ground for complaint.

In order to secure more definite information with regard to the actual conditions of the trade in the common grass and clover seeds, arrangements were made early in the year to collect a few hundred one-half pound samples of Timothy, Alsike, and Red Clover seeds that were offered for sale by local dealers. Over five hundred samples have been obtained at various points in the different provinces in Canada where such seeds find a market.

The information which was received with each sample included the place where the sample was obtained, its origin, the price at which it was offered for sale, and the year in which it was stated to have been grown.

These samples of seeds reached the Department under a variety of names which were intended to designate their grade or quality, but which rather served to mystify the less intelligent purchasers. Such names as Linnet, Otter, No. 66, Salmon, Elk, Prime, Pine Tree, and such like terms have been given to seeds by wholesale seed firms and are not in any way expressive of their real worth. They are terms which have been coined in wholesale seed houses and are evidently intended to take the place of such terms as Grade No. 1, Grade No. 2, Grade No. 3, Screenings, &c., which, if used by a seed firm bearing a good reputation, would mean a good deal to any intending purchaser.

The samples which have been collected are being analyzed for both purity and vitality. The necessary equipment for a modern seed laboratory has been secured, and the rules adopted by the Association of American Agricultural Colleges and Experimental Stations for testing seed are being followed in detail throughout. In making a purity test, two grams of Red Clover and five grams of Timothy and Alsike seeds are carefully weighed out from each of the one-half pound samples on a precision balance sensitive to one milligram; the impurities are separated, and the percentage of pure seed is thus obtained. The impurities are then examined and the percentage by weight of weed seeds determined; the weed seeds are identified, and the number of each kind of weed seeds in a pound of seeds offered for sale is calculated.

To test the vitality of the seeds, four lots, containing one hundred seeds each, are indiscriminately taken from pure seed which has been thoroughly mixed for the purpose. The seeds are placed—one hundred in each group so as to check one against the other—between folds of blotting paper and set in a standard seed germinator. This germinator apparatus, specially designed for this work, is so arranged that the heat, moisture, air, and light are absolutely under the control of the operator—conditions which cannot be had except by laboratory methods. The seeds are kept at a temperature best suited to their germination. After they have been in the germinator twenty-four hours, those which have sprouted are removed, counted, and the number is recorded. This operation is repeated each day for ten days. By this method not only the vitality but the vital energy of the seed is shown.

Out of thirty-five samples of Red Clover seed which were collected in the Province of Ontario, twelve samples contained over five per cent by weight of foreign seeds. These foreign seeds consist of various kinds of more or less noxious weed seeds, the most prevalent being those of Pigeon Grass, Rib Grass, Catchfly, Canadian Thistle, Rag weed, Curled Leaf Dock, and Sorrel, in varying proportion. As a rule it would be expected that samples of this kind would be offered for sale at a price commensurate with their quality; but such is by no means the case. The average retail price per bushel of the ten samples which contained the largest per cent of weed seeds was \$6.95 per bushel. The real value of these seeds cannot, however, be accurately given until the germinating tests have been completed, as seeds which are free from weed seeds have not always shown the highest per cent of vitality.

The results of the investigation thus far would indicate that there has been comparatively a small amount of Timothy, Alsike, or Red Clover seed wilfully adulterated this spring, although a number of samples which have been analyzed show a large per cent of inert matter such as sand, broken pieces of stem, &c. Four of the samples which were secured from local dealers in Ontario contained an average of seventeen and one-half per cent of total impurities, one of which was purchased in Renfrew at \$7.20 per bushel, and from an average of three tests showed 23.6 per cent of total impurities. Sixty-four samples of red clover

seeds were secured from local dealers in the Province of Quebec, but the testing of these samples for purity has not as yet been completed. The results of the work thus far, however, indicate that the farmers of Quebec do not get all the screenings from the Ontario-grown seeds. The per cent of total impurities from the sixty-four samples ranged from one fifth of one per cent—which was obtained from a sample secured at St. Francois, and being sold at the rate of \$6.60 per bushel—to eighteen per cent—which was obtained from a sample received from St. Hyacinth, and which was being sold at \$6.45 per bushel. Thirty-three per cent of the samples of Red Clover seed obtained from Quebec Province contained more than five per cent of total impurities.

The results so far include only the analysis for purity of the Red Clover seeds obtained from Ontario and Quebec. In examining the seeds for germinating the testing is all done in duplicate, and results will be published later on.

This seed investigation work which is being conducted by Mr. G. H. Clark B. S. A., has brought to light some important facts connected with the seed trade; and it is the intention of the Department to continue this work with a view of bringing out such information as may be helpful alike to seed growers, seed merchants and seed consumers, and to ascertain if the actual conditions of the seed trade in some of the more common grass and clover seeds require a system of seed control such as has been adopted in other countries for the safeguarding of the best interests of agriculture.

### Women and Jewels.

Jewels, candy, flowers, man—that is the order of a woman's preferences. Jewels form a magnet of mighty power to the average woman. Even that greatest of all jewels, health, is often ruined in the strenuous efforts to make or save the money to purchase them. If a woman will risk her health to get a coveted gem, then let her fortify herself against the insidious consequences of coughs, colds and bronchial affections by the regular use of Dr. Boschee's German Syrup. It will promptly arrest consumption in its early stages and heal the affected lungs and bronchial tubes and dry the dread disease from the system. It is not a cure-all but it is a certain cure for coughs, colds and all bronchial troubles. You can get this reliable remedy at Darlings Drug Store.

### Lincoln and Beecher Praying Together.

Toronto Saturday Night.

Samuel Scoville, Jr., grandson of Henry Ward Beecher, writing in the "Sunday School Times" (Philadelphia), tells of a secret meeting between President Lincoln and his grandfather in 1862:

"Late one evening a stranger called at his (Mr. Beecher's) home and asked to see him. Mr. Beecher was working alone in his study, as was his usual custom, and this stranger refused to send up his name, and came muffled in a military cloak which completely hid his face. Mrs. Beecher's suspicions were aroused, and she was very unwilling that he should have the interview which he requested, especially as Mr. Beecher's life had been frequently threatened by sympathizers of the South. The latter, however insisted that his visitor be shown up. Accordingly the stranger entered, the doors were shut, and for hours the wife below could hear their voices and their footsteps as they paced back and forth. Finally, toward midnight, the mysterious visitor went out, still muffled in his cloak, so that it was impossible to gain any idea of his features.

"The years went by. The war was finished. The President had suffered martyrdom at his post, and it was not until shortly before Mr. Beecher's death, over twenty years later, that it was known that the mysterious stranger who had called on the stormy winter night was Abraham Lincoln. The stress and strain of those days and nights of struggle, with all the responsibilities and sorrows of a nation fighting for its life thrust upon him, had broken down his strength, and for a time undermined even his courage. He had traveled alone in disguise and at night from Washington to Brooklyn to gain the sympathy and help of one whom he knew as a man of God, engaged in the same great battle in which he was the leader. Alone for hours that night the two had wrestled together in prayer with the God of battles and the Watcher over the right, until they had received the help which He had promised to those who seek His aid. Whatever were the convictions and religious belief of Abraham Lincoln, there is no doubt that he believed in prayer, and made that the source of his strength."

### The Cause of Dyspeptic Pains.

Improperly digested food usually forms gases that cause a painful distention of the stomach and pressure against the heart. This results in much pain and distress, but Nerviline will relieve the distention, dispel the gas, and cure the dyspeptic pains very quickly. Polson's Nerviline is really an excellent remedy for Dyspepsia, Indigestion, Cramps, Summer Complaint and all Stomach and Bowel Troubles. No household is complete without Nerviline. Try a 25c. bottle.

# N., G. & J. McKechnie.

THE POPULAR CASH STORE.

The Largest Stock in Durham.

### CARPETS

At reduced prices they must go to make room for new goods. Call and see them.

### LACE CURTAINS

From Nottingham; beautiful goods; prices 2½ yds. long 60c, 3½ yds. long \$1.25, 3½ yds. long \$1.75.

### MUSLINS

White dotted muslins.....10c per yd.

### GROCERIES

Cheese, per lb.....14c.  
Lard, per lb.....14c.  
Rice, 6 lbs.....25c.  
Japan Rice, 3 lbs.....25c.  
Tapioca, 5 lbs.....25c.  
Bulk Starch, per lb.....7c.  
Pickles, per quart.....15c.  
Codfish, per lb.....7c.  
Lemons, per doz.....20c.

### MEATS

Roll bacon, per lb.....14c.  
Shoulders, per lb.....14c.  
Hams, per lb.....15c.  
Bologna, per lb.....10c.  
Home Cured, per lb.....12c.

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# N., G. & J. McKechnie.

# H. W. MOCKLER.

Summery Things for Hot Weather Comfort.



The men who want to look well on hot days should wear Furnishing which give complete comfort, which fit so they don't rub or chafe in the hot sun, and which are light enough to be a pleasure on a hot day. Our Furnishings combine all these qualities. Our Shirts are perfect fitters, and our lines of Neckwear in Silk Ties and Ascots are also perfect for summer wear. Our Hosiery in fancy striped and embroidered cotton and cashmere is very nobby. Our Collars are up-to-date and comfortable.



A few Words About our New Collars.

We have a new Collar in stock called the "Palmetto," an ideal collar for the hot weather, in sizes 14½ to 16½. It combines comfort and coolness with a stylish appearance, and that is what our young men are looking for. Our stock in fact is complete with every shape desirable in different heights and qualities.

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