

LIVER AND URINARY ORGANS BEST BLOOD PURIFIER.

sest blood punished in sonly one way by which any disbe cured, and that is by removing - wherever it may be. The great nuther ities of the day declare that ery disense is caused by deranged a liver. To restore these therefore y way by which health can be selere in where WARNER'S AFF. In a schieved its great reputation, rectly upon the kidneys and liver acing them in a healthy condition just as good. betes ask for WARNER'S SAFE PES CURE.



ETE TREATMENT \$1. e of Sanford's Radical Cure in-is the most violent Sneezing or ars the Head as by magic, stops ges from the Nose and Eyes, pre-Noises in the Head, cures Nerv-and subdues Chilis and Fever-arrh it cleanees the nasal passages

e Radical Cure, one box Catarrhal d Sanford's Inhaler, all in one pack-druggists for \$1. Ask for Sanfords Cure. Potter Drug and Chemical

For the relief and prevention, the instant it is applied, of Rheumatism, Neuralgia, Sciatica, Coughs, Colds, Weak Back, Stomach and Bowels, Shooting Pains, Numbness, Hysteria, Female Pains, Palpitation, Dyspepsia, Liver Complaint, Billous Fever, Malaria, and Epidemics, use Collins' Plasters (an Electric Battery combined with a Porous Plaster) and laugh at pain. 25c. every where



ers Please Consider This. ERRY DAVIS PAIN KILLER acts wonderful rapidity and never fails, ken at the commencement of an

era, Cholera Morbus, all summer complaints of a simi-

oothache, Burns, lds, Cuts, Bruises, &c. N KILLER will be found a willing a, ready and able to relieve your without delay, and at a very insig-tost. For e, Cramps,

Dysentery in Horses, WILLER has no equal, and it has an known to fail to effect a cure in a stance. It is used in some of the very stables and horse infirmaries in. To resuscitate young lambs or other lied and dying from cold. a little LEE mixed with milk will restore ealth very quickly. he PAIN KILLER is for sale by ughout the world

matic Complaints THERLANDS

If you are suffering from Complaints

STIMONIAL Robertson, who for many years was the Township of Normanby, a high-ded resident of that part of On-aving lived in that Township for the past 20 years:— ERLAND, Niagara Falls, Ont.,

R;-My daughter has been a or from Rheumatism. She has for years now to carry her arm and her hand was beginning to ring these years she has tried all mires that have been advertised, result. Seeing your advertise-papers, giving testimonials from people, I determined to procure matine? for her, and purchased of it from Mr. A. Jamison, if Mount Forest, which she took raing to directions, with this rearm is now completely restored, aise your medicine too highly worth its weight in gold to all rom Rheumatism, and it is with to IOMN ROBERTSON.

ALL DRUGGISTS

ated DR. H. HOLLICK, of London, ed an agency in Toronto for the sale nee for the sure cure of all nervous ing from whatever cause. Enclose aphlet, which will be sent in sealed il who address to

TORONTO'S EXHIBITION.

Canadian Industries Well Represented.

LARGE LIVE STOCK EXHIBITS

found at the south-east section of the building. His whole season's crop was about 25,000 pounds, and it was taken care of by himself, a man, and a boy, within five weeks of honey gathering. As a new and enterprising exhibitor. Mr. Hall will be welcomed by all apiculturists who may inspect his display.

display.

Mr. Martin Emigh, of Holbrook, county Oxford, is the exhibitor of about 5,000 pounds of agney, 4,300 pounds being in the comb. This is also the first occasion when this gentleman has exhibited at Toronto, and he is to be congratulated upon the character of his display. He has his honey in one-quarter pounds, half-pounds, three-quarter pounds, one pound, one and one-fourth pound, one and a half pound. His product is altogether from hasswood and clover, and is consequently excellent.

Mr. M. Ramer, of Cedar Grove, East York, who made a very nice exhibit last year, is

who made a very nice exhibit last year, is again on hand with about 9,000 pounds of

again on hand with about 9,000 pounds of honey, and a lot of apiary supplies, which will be found invaluable by all bee-keepers.

Mr. N. C. Wells, of Philliptown, Ont., has a neat little exhibit, but he makes no great pretentions like his big brothers from Beeton and Woodstock.

Mr. Wm. Goodyer, of East Zorra, has about 1,800 pounds on exhibition. He produced 3,200 pounds of clover and basswood honey this year from twenty-five colonies of bees, or 128 pounds to the colony. He lost only one colony in the winter and five by spring dwindling. This year Mr. Goodyer has increased his bees to sixty colonies, thus showing his faith in this branch of native industry.

serious loss by fire at his residence last Saturday night. His fellow-competitors give him credit for making a very neat exhibit. Prize List.

ONEY AND APIARY SUPPLIES. Largest and best display of extracted honey, \$10, D. A. Jones, Beeton; 2nd, \$5, J. B. Wall, 3rd, \$3, M. Rainer.

Largest and best display of combed honey, \$10, Martin Engle; 2nd, \$5, J. & B. Hall; 3rd, \$3, M. Rainer.

diamond point cultivator, and Western corn-cultivator. Messrs, Coulthard, Scott & Co., of Oshawa, have on view their new champion drill. This is its first season, and there are now about 400 in use. It has an iron frame with steel axle extending from wheel to wheel in one piece. It is a combined machine, sowing broadcast or in drills. In sowing broadcast the corn is delivered in scatterers below the drag bar. The feed device is so arranged that the grain is deliver-ed withoutcrushing it. Grass seed can be sown either in front or bebind the horse without changing the seed boxes. The machine can be changed instantly to sow either broadcast onanging the seen source. The machine can be changed instantly to sow either broadcast or in drills, or vice-versa. It is 100 lbs. lighter than the ordinary machines, but stands some three or four inches higher. The stands some three or four inches higher. The draft is comparatively small. Two sizes are made, viz., with ten and twelve hoes. The firm also show a single drill and broadcaster. Messrs. John Elliott & Son, of London, send their McCormick twine binder and new Warrior mower. Cord binders are now an accomplished fact, and their success is undisputed. The Warrior mower has a wheel at each end of the bar, and has a very high tilt for rough ground and uneven meadows. The bar lies alongside the wheel in travelling so that there is no danger of drauging. The Pitman connection has a steel ball and brass box, so that, it can be easily tightened up at any time. it can be easily tightened up at any time.

There are two and a half sections instead of only one colony in the winter and five by spring dwindling. This year Mr. Goodyer has increased his bees to sixty colonies, thus showing his faith in this branch of native industry.

Messrs, Granger and Duke, of Deer Park, Toronto, show a very superior quality of honey in glass jars, which, for amateurs, reflects credit upon them. They produced about 1,600 pounds this season from twelve colonies, which is regarded as very satisfactory indeed, and encourages them to greater activity next season.

Mr. Charles Bonnick, of St. Paul's ward, as an amateur in bee-keeping displays a case of comb honey, of which he may feel justly pleased, because his bees seemed to take just as much care to have his seaml sample perfect as the bees of his fellow-exhibitors which were engaged on a larger contract as common carriers of the luscious nectar.

Mr. G. B. Jones, of the Blackburne spiary, of Brantford, is on hand with a very crediting alled displays, boths of honey and apiary supplies, notwithstanding that he met with a make a specialty of their North-West

ploughs. Many of the ploughs show some beautiful hand-painting in the way of ornamentation. All their ploughs have steel mould boards. They have taken the first prize at Toronto for all-iron plough, and the first for iron-beamed plough with steel mould-board and wooden handles. The finish of all the goods is very fine. Their Manitoba breaking and back-setting ploughs fattract considerable attention. Another fine collection of ploughs is exhibited by the Syracuse Plough Company, of Syracuse, N.Y. They make a specialty of one with an adjustable beam, with simple device for varying the depth and breadth of the furrow. They show a sulky plough with a combined lever acting both on the plough and the-wheels.

Mesers. Stevens, Turner & Burns, of London, send two portable engines and a traction engine. The latter is new in many respects. It has an attachment operating a device for instantly reversing the motion—an important feature. The movements are controlled by a hand wheel and crank. It has the Fletcher patent traction gear, and a horizontal boiler. It is of twelve horse-power and is claimed to be a very economical engine in the matter of finel. The firm also exhibit a collection of ploughs and reapers and mowers, and a large agitator of improved construction, The shaker is some inches smaller than the usual shake, but is moved at increased speed, thereby attaining the same result in a better manner. The separation of the grain is improved by the employment of a series of elevators which take the straw from the cylinders and shift it. The Minnesota Chief threshers, so often described in these columns, are exhibited by Messrs, Macpherson & Co., of Fingal, and the Climax threshers by Macpherson & Hovey, of Chinton. Messrs, Noxon Brothers send a selection of their reapers, horse rakes, drills, seeders, and cultivators, in all a very fine collection. Wisner & Co., of Brantford, exhibit principally in respers and mowers and binders. The Little Brantford mower has had incorporated several improvements since last exhibiti creamers, for use in factories as well as farm houses. Mr. Wicks patent took first prizes at Montreal and Halifax. Only the bare tin is supplied, and the purchaser may make his cabinet, or use a tank or barrel. It will be in operation to-day, we have a supplied, and the purchaser may make his cabinet, or use a tank or barrel. It will be in operation to-day, we have a combined to the churr works on a lever like a pump-handle, and by every descent, by a peculiarity of its construction, carries a quantity of air into the liquid beneath. This aerates the butter, and it is claimed removes from it all taintof turnips and other odours so common in butter. The same firm exhibits a packing-box for shipping either butter, pickles, honey, oysters, or fruit. It is considered to be a very good invention. Messrs. C. T. Brandon & Co. show several sizes of the Union churn, and Mr. John Russell, of Listowel, exhibits a cheese press and hoops complete. The Dairy Utensil Company, of Hamilton, show samples of their Rockaway shurn, which is so simple in its Laction that a child can work its. They also show Parmenter's dairy creamen. It is an iron-bound tank, through holes in the tap can be removed, and as they went is large it can easily be cleaned. This creamer is well worth inspection. All the buffer and cheese had not arrived, but all that was exposed was so much alike that the reporter would not hazard an opinion as to winch was the best, so he decided to refrain commenting until the prizes are awarded. At the south end of the building is the displayof canned fruits, meats, jellies, and jams. Messrs. C. Richardson & Co., of this city, exhibit an assortment of canned towatoes, atrawhering a plums, gooseberries, black currants, raspberry, red currants, and jams and jellies. The Delbi Cauning Company, of Delhi, Only also show a fine assortment of canned fruits and vegetables. Among the canned meats are corned beef, ducks, chicken, and hisok equirrel. In regard to jellies it has been asserted that they are made of vegetables. They Company of the control of the contro

CLASS 67.—IMPLEMENTS FOR CULTIVATING THE SOIL.

Steam plough or cultivator, \$60; 2nd. \$40; 3rd. \$20.

Field or two-horse cultivator, iron. \$15, Docking Bros.; 2nd. \$10. William Mallaby; 3rd. \$5, Cockshutt Plough Co.

Cultivator for destroying thistles, \$8, John H. Grout & Co.; 2nd, \$5, Docking Bros.; 3rd. \$3, W.m. Mallaby.

Two-horse cultivator, wood, \$15, B. Bell & Son; 2nd. \$10, John H. Grout & Co.; 3rd. \$5, J. O. Wisser & Co.

Sulky plough, \$15, Syracuse Chilled Plough, Company; 2nd. \$10, Ayr American Plough Company; 3rd. \$5, Wilkinson & Co.

Draining plough or ditching machine, for digging drains, \$15. W. Riennie.

Tron plough, \$15, G. Wilkinson & Co.; 2nd. \$10, John Bennet.

Wooden plough, chilled mould, \$12, Cockshutt Plough Co.; 2nd. \$8, Ayr American Plough Co. Iron beam plough, with cust head and share, steel mould board and wood handles, \$12, G. Nickinson & Co.; 2nd. \$8, John Bennet: \$4. J. Fleury Estate.

Iron beam plough, cast head and share, chilled mould board and wood handles, \$12, R. Bell & Son.; 2nd. \$8, Ayr American Plough Co.; 2nd. \$4. Syracuse Chilled Plough Co.

Prairie Plough, steel mould and share, \$12, Ayr American Manufacturing Co.

Wood beam plough, one-horse, \$8, Cockshutt Plough Co.

Wrought iron beam plough, one-horse, \$8, Cockshutt Plough Co.; 3nd. \$3, B. Bell & Son.

Subsoil plough, \$12, Ayr American Plough Co.; 2nd. \$8, B. Bell & Son.

Subsoil plough, \$12, Ayr American Plough Co.; 2nd. \$8, B. Bell & Son.

Gang plough, \$15, Cockshutt Plough Co.; 2nd. \$8, B. Bell & Son.

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Gang Plough, \$15, Cockshutt Plough Co.; 2nd. \$10, Knight & Wilson; 2nd. \$6, G. Wilkinson & Co.; 2nd. \$8, B. Bell & Son.; 3rd. \$2. CATTLE.

The show in this department is not only numerically larger than that of any previous year, but it is claimed by old exhibitors to be also ahead in individual excellence in the animals exhibited. Nearly every breeder of prominence in the Dominion, whose name one is accustomed to see in exhibition prize lists, is represented here, and in point of quality it is a question whether a finer miscellaneous display could be made anywhere else on the continent. The animals, with very few exceptions, are in good order—not pampered into helpless, unsightly objects by stuffing them with grain, but in fair flesh from good pasturage, supplemented by a little judicious feeding where needed. In this respect there seems to be an improvement over what was the custom at Canadian exhibitions some years ago. This may be attributed in part to the fact that perhaps of late years the business of showing cattle has come more into the hands of our popular breeders—men—who, while they are by no means insensible to the value of a good pedigree, yet select and breed with an eye to form, constitution and the quality of thriving and maturing—rapidly under ordinary conditions which are necessary to bring improved blood within the reach of the common farmer. The so-called "fancy bedigree, which is the result of careful breeding in a particular line for many generations, has an enhanced value, and justly so, on account of the greater assurance given of transmitting the valuable characteristics of the breed to the off-spring. Without seeking to depreciate the work of the few who (with their capital and enterprise) are perpetuating and improving those high class pedigrees as the source of supply of all good blood, it is gratifythy to see that the stock which comes to the farmers' exhibitions is so largely of a class which comes within the reach of the man of ordinary means.

SHORTHORNS.

In classifying any mixed display of cattle the

\$10. Knight & Wilson 13rd, \$5, G. Wilkinson & Co.

Horse-hoe, or single horse cultivator, fron, \$4, Docking Bros.: 2nd, \$3, B. Bell & Son; 3rd, \$2, Cockshutt Plough Co.

Horse-hoe, or single-horse cultivator, wood, \$4, John H. Grant & Co.; 2nd, \$3, Jno. Bennett; 3rd, \$2, Geo, A. Masson,
Pair of iron harrows, \$10, George Savage; 2nd, \$3, John Bennett; 3rd, \$6, Joseph Maunder.

Pair of wood harrows, 3rd, \$2, North American Manufacturing Company,
Wooden land roller, \$8, B. Bell & Son.

Extra entries.—G. W. Wilkinson & Co., scraper, highly commended; G. A. Cribs, coupling for shafting, highly commended; Ayr American Plough Company, railroad plough, commended; Gregory & Austin, road scraper, commended. largely of a class which comes within the reach of the man of ordinary means.

SHORTHORNS.

In classifying any mixed display of cattle the pre-eminence must still be accorded to the Shorthorn, if for no other reason than that, if other things were equal, this breed has been longer before the public, and is more readily disseminated, than any other. Among the exhibitors of this preed Messrs J. & R. McQueen, of Salem, show ten animals, headed by their aged building good form, though now somewhat advanced in years. Of cows they show two of Canadian treeding, and three heiter calves. J. & Armstrong, of Speedside, shows some young stock only, the programy of his stock bull Butterfly Duke, a son of the celebrated Duchess bull, 4th Duke of Clarence, All of them bear the impress of the cross of fine blood on the vigorous females of Seotch breeding which compose Mr. Armstrong's herd. J. and W. Russell, Richmond Hill, show twelve head, all of their own breeding, and principally descended from Kinellar stock. The lot includes four cows, isabella 4th, Rose of Autumn, isabella 5th, and Duchess of Springbrook, old winners at the Philladelphia Centennial and other shows. John Fothergill, Burlington, shows five head. His young Booth bull. Prince James, bred by J. & R. Hunter, is a good animal, and above the average in size, weighing now at 32 months 2,35 pounds. He offspring of this bull. W. G. Pettet, of Burling.

ton, shows three head, a two-year-old heifer and two bull calves. D. McCarthy, M.P., has seven animals on exhibition, headed by his Booth bull, Sir Lewis, imported by Hon, M. H. Conrane. Lancaster Rose, a red cow of Canadian breeding, is a promising three-year-old. J. & W. Watt, Salem, are on hand with a large exhibit, numbering in all 22 head. Their stock bull, Barmnton Hero, bred by Wm. Dryden, and of one of the best stands of Cruickshank blood, is a good roan, an excellent feeler, and of immense depth and substance. Several fine square cows are shown of Scotch breeding, and a promising lot of young stock sired by Barmpton Hero. Green Bros. Oakville, show a two-year old bull imported this season from Marr, of Aberdeen, and five heifers. JohniMiller & Sons, Brougham, show three bulls, and T. & A. B. Snider, German Mills, show seven animals, headed by their bull, a Royal Barrington. James Gardhouse, Malton, shows six head—two cows and four bull calves.

SLEIGHS, AND MATERIAL FOR SAME.

Two-horse team waggon, iron axle, \$12, Joseph Foster; 2nd, \$8, Harford Ashley.

Two-horse team waggon, thimble skein, \$12, Joseph Foster; 2nd, \$8, Bain Waggon Co.

Two-horse spring market waggon, \$10, Gannanoque Carriage Works; 2nd, \$7, James Crookshank & Son.

One-horse light market waggon, \$9, Joseph Foster; 2nd, \$6, Gananoque Carriage Works.

Express Waggon, heavy, \$9, Joseph Foster.

Farm sleigh, \$8, Joseph Foster.

Pair of bob-sleighs, \$5, Joseph Foster; 2nd, \$4, Peter Tilman,

FARMERS' COUNCILS.

Interest in the Movement Not Abating.

At a Council meeting held recently in Stayner among the business transacted was the passage of a resolution asking the reeves and council boards of Stayner and Nottawasaga to express opinions on the establishment of market days, the introduction of a new system of weighing, and the enforcement of an Act passed last session by the Ontario Legislature respecting market fees, which we will publish in a future issue of The Weekly Mail, as very few of our farmers are acquainted with its provisions.

A meeting of the members of the Council in school section No. 1, Nottawasaga, was held a few days ago, and the advisability of establishing a cheese factory and creamery in Stayner was discussed. Petitions are being largely circulated, and freely signed, praying for the reforms in weighing produce advocated by the councils.

BEE CULTURE.

Annual Convention of International Bee-keepers' Association.

Seven feet to the pound.

FERTILE WORKERS.

The question:—"How do fertile workers originate?" was asked.

The PRESIDENT replied that by having the queen removed and allowing them to lay themselves. Any bee could lay if she wanted to.

Prof. Cook believed they had very much to learn about the extent of nervous influence in affecting the constitutions of all animals. He had dissected a number of bees, and had come to the conclusion that the very desire for exps ocerced them—through an influence he could not explain—to lay eggs.

The PRESIDENT said that just in proportion to the anxiety of the queen did the workers originate. the anxiety of the queen did the workers originate.

Dr. Brown said that the result of his observations was that the fertile workers could only develope under certain conditions. He read a paper giving his experiments, and said that he was forced to the conclusion that the food which developed these workers was deposited in the cells just before they were capped, at about the sixth or seventh day. If this were not so he could not reconcile the theories of the books with his observations. He regarded the question as a very important one, and thought that all who had an apportunity of making observations should give them careful attention.

The PRESIDENT was perfectly satisfied that it did not matter how they were reared, but after they became workers they could lay eggs. There was a difference, however, in the eggs laid. Some laid enormous quantities of eggs through the combs and a very few hatch, while others laid the combs full, and they were all capped over uniformly.

PLANTS AND SOIL.

The next question asked and discussed was,

The next question asked and discussed was.

"What difference is there in the yield and quality of honey from the same plant in different finds of soil.

Prof. Cook said they should first observe how the plants flourished best naturally. In selecting their plants for any locality they should see how they throve in that soil, and they should not change their conditions too suddenly.

Judge ANDREWS said he had a plot of white clover which he had for seven years before he saw a bee upon it.

The PRESIDENT from his experience considered that Bokhara clover was the best honey plant in Canada. It would even grow in hard pan, and if they doce got it started they would have to plough it up to get if out. Five acres of motherwort would produce 1.000 pounds of surplus honey from one hundred colonies, besides keeping them going all the season when there were no flowers.

Mr. Malcolla recommended vervain.

bloom up to the time of the frost. Vervain was in excellent.

Mr. Princip was in favour of cultivating alsike for the bees.

The Pressident said that alsike would sometimes yield when white clover would ng.

Dr. Miller enquired whether fixwort would grow and succeed without cultivation.

Mr. W. Ellis said he simply turned the sod over and put in the plants last fall, and they were now about six feet in height, but he was as well satisfied with throwing the seed on the ground. He would saw the Bokhara clover in the waste places and cultivate the figwort.

Mr. G. B. Jones said the Bokhara clover would grow without planting, simply by throwing it on the ground.

POSITION OF HIVES.

SOME INTERESTING REFLECTIONS.

In the first place, more goes to make the owner of a diamond lucky than the possession of it, for before he can be completely happy he must dispossess himself of the treasure. To get the gem is only the first half of good fortune; to get rid of it is the other. It is with diamonds as with loving hearts—they must be exchanged for equal values to complete the sum of bliss. Again, to buy such a stone as this the purchaser must beggar himself, so that the original owner, who prefers riches to the crystal, must go about the earth until he finds his exact opposite, the man or woman who prefers the crystal to riches. For himself, the digger would rather have a large annual income than one large diamond; but to accomplish his dreams of luxury he must first light upon some one who is prepared to renounce luxury, and for the sake of one big diamond to be content with a small annual income. A few people, of course, seen effect to heave hetch. small annual income. A few people, of course can afford to have both

but there is no great choice of such millionaires, and Mr. Rhodes may find it a longer and more wearisone quest—the search for a buyer—than it was to look for the stone. Days dragged along drearily enough at times, no doubt, down in the deep gulches of the Kimberley mines; but he has probably been as often just as heart-sick in his three years' pursuit of a millionaire as ever he was in the mud and slush of the South African diggings. For, apart from the anxiety that must naturally attend the sale of such a possession, there must be the dismal consciousness that from East and West there are rogues on his track only too ready, to ease him, if they can get the chance, of his splendid embarrassment. That he is liable to be robbed of it has, as his friends know, been an ever-present torture to HUGE GEMS AND HUGE INCOMES: That he is liable to be robbed of it has, as his friends know, been an ever-present torture to him, and this fact should to some extent assuage the ferocity of the envy with which humanity not unnaturally regards the possessor of the third largest diamond in the world.

Sorghum from this country, from the State of Minnesota, has been imported with singular success into the Bussian provinces of Kieff and Poltana. In these places it yielded as much as 14.2 to 16.7 per cent. of fits

Kieff and Poltana. In these places it yielded as much as 14.2 to 16.7 per cent. of its weight of crystalline sngar. If this is true the attention of our agriculturists cannot be too soon or too forcibly directed to a source of wealth which is every day growing in increased demand in this country for various purposes, and there is no reason why it should not, with our resources, become an article of immense exportation.