

Veterinary.

SIR.—1. I have a mare 8 years old that bites herself and rubs the hair of her head and back of her ears on her neck. I got her last spring. She had the Pink Eye before I got her; she coughs at times. Last summer she had a turn of the belly ache or fots on the grass, and I gave her new milk and molasses. She soon got over it, but had another this winter a good deal worse. She paws, and lays, turns over; she laid on her back for a time. She is broad and heavy, part French, pretty fast. Her skin is loose, hair looks pretty healthy. I am feeding Thorley's condition powders.

2. What is best for a horse that is kicked? I put on Yellow Oil and it took the hair off.

3. I let my 2-year old colt out to water and it ran back the path, I holding it only part of the time. It is lame in the hind leg, I think in the stifle. It is not swelled. What can I do?

A SUBSCRIBER.

[1. Give the mare a purgative drink, Barbadoes aloes, seven drachms; carbonate soda two drachms; ginger two drachms, dissolved in pint of water. Then follow up every second night with a powder: Saltpetre two drachms; sulphur two drachms, in bran mash.

2. Take Acitrate Plumbi two drachms; sulphate zinc one drachm; carbolic acid one drachm; water one pint. Apply to wound and around twice a day. Apply Friar's Balsam with feather to wound once a day.

3. Examine the foot well, and in case you find it bruised, apply a poultice of hot bran.]

The Russian Mulberry.

It is claimed that this tree gives larger profits and quicker returns than any other. It is hardy and will grow on any soil that is not too wet, and is easily transplanted. The wood is as durable for posts, when small, as cedars, and when large is valuable for manufacturing into furniture. The tree is very ornamental when growing, and about three years after planting bears delicious fruit about the size of the blackberry. The Russian Mulberry tree is a very rapid grower, sometimes attaining the height of 50 feet in a very few years. Small trees, when first planted, will frequently grow three feet in one season. To show how it will grow, the following is a sample of letters received:

"The Russian Mulberry grows more and more in favor with us every year. We are now having one of our severe drouths, and many cotton-woods are burning out, while the mulberry, where established at all, never dries out. Even when so dry that the foliage droops for days, the first rain freshens them, and they grow again right along. They are very prolific bearers, and while the tree is small the fruit is not so large as on older trees. There is much difference in the size and flavor of the fruit on different trees, of which there seems an endless variety, differing in shape of leaf and in color and flavor of fruit. Some trees bear very sweet fruit; others more acid.

"The Mennonites make fences and wind-breaks of the mulberry. Beside all these they plant pieces of ground very thick, which they cut off close to the ground every three or four years for fuel. In five years it will make a fence post that will outlast oak or cedar.—[A. Ellsworth, Renno County, Kansas.]

The Patrons of Husbandry

Held their annual meeting of the Dominion and Provincial delegates on the 20th ult., in the chambers of the Legislative Assembly of Ontario, at Toronto, and among the business other than routine, the Legislative Committee reported, making the following recommendations: That the Masters and Servants Act be amended so that the servant shall have the first lien on the property of his master for his wages; that the Assessment Law be changed so that the assessments be made once in three years instead of yearly, and that it be made in the summer time; that all property—both real and personal, in mortgage, bonds or stocks—be equally assessed; and that the present system of grading barley is not satisfactory. These recommendations were adopted. The Committee of Agriculture reported, making suggestions for a better system of farming than is generally adopted, urging the keeping of a better class of stock, and the fattening of more cattle for the market as a means of improving the farms. The report was adopted.

Sister Nelles moved that the question of butter making be discussed in the Granges until some conclusion be reached, they to report to the Division Granges, and the Division Granges to the Provincial Granges. The motion was adopted. Sister Nelles moved that the respective railway companies be requested to provide cars suitable for the conveyance of fresh fruits. Carried.

The Committee of Temperance reported, recommending that the habit of treating be discontinued; that there be further restrictions placed on the sale of liquors; that the Provincial Grange give its support to the total separation of the sale of liquors from all other business interests; and that the members of the Granges rise above all party lines on the subject of temperance. The report was adopted.

The following were elected officers of the Provincial Grange:—Master, R. J. Doyle, Owen Sound; Overseer, P. W. Noxon, Bloomfield; Secretary, A. Gifford, Meaford; Lecturer, Robert Currie, Wingham; Treasurer, R. Wilkie, Blenheim; Chaplain, W. J. Wood, Smith's Falls; Steward, Levi Van Camp, Bowmanville; Assistant-Steward, S. A. Nelles, Grimsby; Gate-keeper, Wm. Brock, Adelaide; Ceres, Sister Lethbridge, Strathburn; Pomona, Sister S. A. Nelles, Grimsby; Flora, Sister Garbett, Peterboro'; Stewardess, Sister O'Neil, Lindsay. Executive Committee—Jesse Trull, Oshawa; Robert McMurdy, John Tolmie, Tibberton; G. B. Miller, Uxbridge.

Mr. Jabel Robinson was appointed a delegate to represent the Dominion Grange at the meeting of the United States National Grange to be held next year, and the following were elected as officers of the Dominion Grange for the ensuing year: Worthy Master, Jabel Robinson, Middlenarch; Overseer, W. F. George, Sackville, N. B.; Secretary, Luther Cheyne, Brampton; Treasurer, J. P. Bull, Downsview; Lecturer, E. H. Hillborne, Uxbridge; Chaplain, S. A. Nelles, Grimsby; Steward, George Lethbridge, Strathburn; Assistant Steward, Wm. Brock, Adelaide; Gate-keeper, Levi Van Camp, Bowmanville; Ceres, Mrs. W. F. George, Sackville, N. B.; Pomona, Mrs. Nelles, Grimsby; Flora, Mrs. Van Camp, Bowmanville; L. Assistant Steward, Mrs. Lethbridge; Ex-Com., Robert Curry, Wingham, and Henry Glendenning, Manilla; Auditors, Thomas McLeod, Dalton and Jesse Trull, Oshawa. The Grange adjourned at 10.30 p. m., to meet in Ottawa next winter.

During the session the delegates were entertained by the Lieut.-Governor at his residence, and also by the City Council of Toronto.

Seed Catalogues.

The leading seedsmen and fruit-growers of the Dominion and the United States have forwarded us their seed catalogues, many of which are beautifully illustrated with colored cuts and engravings, and are got up in a superior manner, containing much valuable information.

Messrs. Sutton & Sons, of Reading, Eng., one of the most prominent seedsmen in the world, as usual have issued a most elaborate, artistic and costly book. It contains an engraving of the floral decorations made by the firm, of the pavilion at the last Royal Agricultural Society's meeting, which evoked much praise from the Prince of Wales. We are pleased to note that these gentlemen have appointed Mr. J. W. Dow, of Kingston, Kent County, N. B., as their agent in this country.

W. Rennie, the well-known seedsman of Toronto, offers a specialty in a six-rowed barley, which, for yield and quality, is a great improvement on the old varieties. Excellence is also claimed for his mixture of seeds for laying down permanent pastures. His collection of agricultural implements are worthy of special note.

J. A. Simmers' Sons, of Toronto, now carry on the business so long and ably conducted by their respected father, who for many years was preeminent for his choice flower seeds. Their general collection of agricultural and garden seeds is excellent.

George Keith, seed grower and importer, Toronto, gives special attention to all kinds of seed grain, and is well to the front again with his collection of clover seeds. Mr. Keith's seeds may be relied on, the majority being grown on his seed farm, "Fern Hill," Scarboro.

Steele Bros., Toronto, are noted for the collection of seed for pasture as well as for their root seeds. They are agents for S. L. Allan & Co., of Philadelphia, the patentees, &c., of the Planet jr. garden implements. Steele Bros. have a branch establishment at Oshawa, Ont.

Leslie & Son, of Leslie P.O., near Toronto, are the pioneer nurserymen of this Province, have 200 acres of nursery grounds, and their catalogue sufficiently tells what is reliable in fruit and ornamental trees, as well as shrubs, &c.

Pearce, Weld & Co., London, Ont. Among the numerous specialties offered by this firm are the Russian Mulberry, the Mammoth Southern Sweet Corn, for soiling or ensilage, and the new field corn, "Longfellow," which is claimed to have the largest kernel and smallest cob of any known variety; 76 bushels per acre have been raised from this excellent variety in the neighborhood of London. Besides their general assortment of seeds, Pearce, Weld & Co. deal largely in dairy supplies.

George McBroom, London, Ont., has several novelties, prominent among which are several varieties of potatoes, notably Wall's Orange and the Bell. To the horticulturist he presents a choice importation of the leading bulbs and flowers. In testimony of the general excellence of the seeds sold by Mr. McBroom, we give the following:

"I have a piece of ground 96 feet by 46 feet, on which I sowed half a pound of Yellow Globe Danver Onion Seed, which I purchased from George McBroom, London, and had a return of seventy-six bushels of first-class onions.

EDWIN C. BARTLEY,
West Harrington, Ont."

John A. Bruce & Co., of Hamilton, offer the new forage plant, Soja Bean, an illustration and description of which appears in another column. Mr. Bruce also makes a specialty of onion seeds, for which he has long been celebrated. His mangles and other seeds have a high reputation. In connection with this firm they have a test farm, upon which most of the new varieties of seed are tried before offering them to their patrons.

W. H. Marcon, Guelph, Ont., is forward with a new variety of potato, and a general collection of seeds, both agricultural and horticultural, amongst which is his peoples' packet of flower seeds, containing no less than 25 beautiful varieties for \$1.

W. Evans, of the Canada Agricultural Warehouse, Montreal, has an extensive catalogue, containing everything in the agricultural seed line, flowers, bulbs, etc., particularly cabbage and celery, besides agricultural machinery and implements; also garden tools.

D. M. Ferry & Co., Windsor, Ont., and Detroit, Mich., present a handsomely designed catalogue. Their seeds are popular throughout the length and breadth of the land. They are well known for their efforts in introducing new varieties of tomatoes, which are grown upon their test farm, which is situated near Detroit, and is one of the finest and best conducted that we have ever visited; many good and new varieties of wheat have emanated from this farm.

Peter Henderson & Son, of New York, the pioneer market gardener of this continent, presents a most attractive selection of garden seeds, flowers and bulbs. His early Snow-ball cauliflower is claimed to be the earliest of all known varieties, being ready by the 10th June. The extensive range of glass houses belonging to this firm are probably the largest and most extensive on the continent. Thus they are enabled to grow millions of early plants of all descriptions for the supply of the trade in the different cities, not only in the States but in the Dominion.

James J. H. Gregory, of Marblehead, Mass., is forward with his general catalogue. His Marblehead Squash, cabbage and sweet corn have such a reputation for excellence that comment from us is unnecessary.

J. T. Lovett, of Little Silver, N. Y., offers the "Hansell," the earliest raspberry in existence, and a popular variety of blackberry called the Early Harvest; also the Manchester strawberry, besides a large and choice collection of small fruits, &c.

Samuel Wilson, of Mechanicsville, Bucks Co., Pa., delights in novelties. He recommends a new variety of oats called the "Welcome," and the Golden Grain Wheat, or Mammoth of Palestine, from which he claims wonderful results. Among his garden seeds will be found the Japanese nest egg gourd, the fruit of which can be used for nest eggs. It is a very desirable plant to cover arbors, &c.

T. C. Robinson, of Owen Sound, Ontario, sends us his catalogue of small fruits and grape vines. In this catalogue will be found all the choice and new varieties of small fruits.