

THE DOMINION SHEEP BREEDERS' ASSOCIATION.

Leicesters.

Armstrong, G. B.	Teeswater	Ram, 2 shears; 2 shearing rams; ram lambs.
Bennett, G., & Pardo	Charing Cross	Aged ram; shearing ram; 12 ram lambs.
Currelly, T. & Son.	Fullarton	75 head, both sexes, all ages.
Douglas, J.	Caledonia	40 ram and ewe lambs; shearing ewes.
Dunnet, A. & Son	Cianbrasil	Aged rams; aged ewes; 2 shearing rams; shearing ewes; ram and ewe lambs.
Gardhouse, J. M.	Highfield	2 rams; 2 shears; 10 shearing rams; ewes and lambs.
Jeffs, E. & Sons.	Bond Head	Aged ram; 2 shearing rams; 3 ram lambs; shearing ewes; ewe lambs; breeding ewes.
Johnson, J. W.	Underwood	Ram, 1 year; 2 rams and 2 ewes, 6 months; 6 ewes, years.
Smith, A. W.	Maple Lodge	100 rams and ewes, different ages.
Snell, J.	Clinton	20 ram lambs; 2 shearing rams; ewe lambs.
Wood, C. & E.	Freeman	Yearling rams and ram lambs.

Oxfords.

Arkell, H.	Arkell	100 ram and ewe lambs; yearling rams and ewes; imp. ram lambs.
Cooper, J. V.	Picton	9 shearing rams.
Cousins, J. & Son	H. riston	Ram and ewe lambs.
Dickson, W.	Mildmay	8 ram lambs; 20 ewes, different ages.
Elliott, W. R.	Hespeler	Ram and ewe lambs; aged ewes.
Evans, S.	Gourcock	2 shearing rams; 12 ram lambs; 10 ewe lambs; aged ewes.
Finlayson, K.	Campbellton	Imp. shearing ram; 18 ram lambs; aged and shearing ewes; 17 ewe lambs.
Lemon, S.	Kettleby	Ram, 3 shears; 6 ram lambs.

Shropshires.

Bow Park Co.	Brantford	18 shearing rams, not registered.
Bright, J.	Myrtle	8 lambs.
Dryden, Hon.	Brocklin	6 yearling ewes; 10 aged ewes; 20 ram lambs.
Gibson, R.	Delaware	25 rams; 20 ewes, various ages.
Harding, R. H.	Thorndale	15 lambs.
Lloyd-Jones, T.	Burford	25 ram lambs; 11 shearing rams; rams, 2 shears.
Pettit, W. G. & Son	Freeman	10 yearling rams; 15 ram lambs; 15 ewes, 1 and 2 years.
Wren, C.	Uxbridge	Ram and ewe lambs; ram, 2 shears; shearing and aged ewes.
Yuill, J. & Sons	Carleton Place	Rams, under 1 year.

Cotswolds.

Bonnycastle, F. & Son	Campbellford	11 ram lambs; 20 ewes and ewe lambs.
Ficht, V.	Oriel	75 ewes and ewe lambs; 20 ram lambs.
Graham, W.	Port Perry	15 head, both sexes, 8 months to 3 years.
Honey, R.	Brickley	Ram, 3 years; 4 ram lambs; 2 shearing ewes.
Laird, G. & R.	Guelph	10 shearing ewes; 5 shearing rams; ram lambs; 20 ewe lambs.
Linton, W.	Aurora	Ewes and ewe lambs; 40 rams.
McCrae, D.	Guelph	4 rams; 20 ram lambs; 30 shearing ewes.
Meyer, J. E.	Kossuth	Ram lambs.
Swayze, D. R.	Winger	20 ewes and 6 rams, all ages.
Thompson, W.	White Rose	6 ewes, 1 and 2 years; 6 ewe lambs; 10 ram lambs.

Southdowns.

Baker, G. & Son	Simcoe	Stock, both sexes, all ages.
Higginson, C. F. & Sons	Chilliwick, B.C.	Stock for sale.
Jackson, J.	Abingdon	Rams and ram lambs; ewes and ewe lambs.
Jeffs, E. & Sons.	Bond Head	Aged ram; 4 shearing rams; 6 ram lambs; aged and shearing ewes; ewe lambs.
Lemon, S.	Kettleby	2 shearing rams; 2 ram lambs.
McEwen, R.	Byron	Imp. ram; 2 shearing rams; ewes; 10 shearing ewes.
Martin, E. E. & Son	Canning	Aged ewes; ram and ewe lambs.
Martin, W.	Binbrook	4 shearing ewes; 6 lambs; ewes; 3 ram lambs.
Scott, J.	Aberfoyle	10 ram lambs; 4 ewes.

Lincolns.

Gibson, J. T.	Denfield	Rams and ewes.
Gould, G. & Son	Rutherford	Ram, 2 years; shearing ram; 10 ram lambs; 2 shearing ewes; 2 aged ewes.
Parkinson, E.	Eramosa	40 ewes, 1 year and over; ram, 4 shears; 2 shearing rams; 100 ram lambs.
Stevens, R. W.	Lambeth	Ram lambs; shearing ram.

Dorset Horns.

Bowman, J.	Guelph	2 rams; 2 shears; 4 lambs.
Harding, R. H.	Thorndale	40 head, all ages.
Hunter, J.	Wyoming	8 shearing rams; 10 ram lambs; aged ewes and ewe lambs.
McGillivray, J. A.	Toronto	50 ram and ewe lambs; 20 shearing rams; 25 ewes, different ages.
Wilkie, G. H.	Wisbeach	2 ram lambs.

Suffolks.

Rudd, W. J.	Eden Mills	5 ram lambs; females all ages.
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THE DOMINION SWINE BREEDERS' ASSOCIATION.

Berkshires.

Bonnycastle, F. & Son	Campbellford	30 head, 6 weeks to 7 months.
Brien, E.	Ridgetown	30 pigs, both sexes, 4 to 5 months; 2 boars, 1 year.
Caldwell Bros.	Orchard	7 boars and sows, 3 months.
Campbell, J.	Snelgrove	Stock, both sexes.
Clark, W.	Meyersburg	2 sows, 2 months; sow and boar, 10 months.
Collyer, F. J.	Welwyn, Assa	3 young sows; 7 young boars.
Colwill Bros.	Newcastle	3 sows, 6 months.
Decker, C. R.	Chesterfield	31 head, both sexes; young stock all ages.
Douglas, H.	Huntingfield	Boar, 3 months; 7 sows, 6 weeks to 2 years.
Dyment, S.	Barrie	Stock, all ages.
Evans, J. C.	Grimesthorpe	Boar, 2 years; 2 aged sows; 29 boars and sows, 1 to 11 months.
Ferguson, J. J.	Smith's Falls	Sow and 3 boars, 12 weeks; boars and sows, 8 weeks; aged sows.
Gibson, D. J.	Bowmanville	Boar, six months; 4 sows and boar, 3 months.
Glendinning, H.	Manilla	Boar, 2 years; 2 boars, 2 months; 20 sows, 2 to 8 months.
Gosney, T.	Miami, Man.	Young boars and sows.
Harris, G. N.	Lynden	2 sows, 16 to 20 months; boar, 7 months; 15 boars, 10 to 14 weeks.
Hastie, A. C.	Comber	Boar, 10 months; 6 sows and pigs, 3 months to 2 years.
Hauser, I.	Weisenburg	40 pigs, 2 to 6 months, both sexes.
Hill, G.	Delaware	Pigs, both sexes, 4 to 10 months.
Hoover, P. R. & Sons	Green River	Boar, 2 years; sow (imp.) 3 years; pigs, 1 month.
Jeffs, E. & Son	Bond Head	Aged boar; 3 young boars; 5 young sows; spring pigs.
Johnson, C. L.	Rosedene	6 boars and 10 sows, 3 to 5 months.
Johnson, J. W.	Underwood	Sow, 9 months.
Julian, G.	Heathcote	27 boars and sows, 2 to 18 months.
Lemon, S.	Kettleby	20 pigs, 6 weeks.
Linton, W.	Aurora	50 head, both sexes, all ages.
McAvoy, C. C.	Atha	40 boars and sows, 2 to 8 months.
McEwen, J.	Kertch	Aged sow; yearling sow; 12 boars and sows, 5 and 10 months.
McCrae, D.	Guelph	Sow; 2 boars, 8 months.
McGill, J. A.	Neepawa, Man.	Aged boar; 8 sows, 4 to 6 months; young pigs.
McKenzie, R.	High Bluff, Man.	Sows, 6 months; young pigs, all ages.
Martin, E. E. & Son	Canning	20 boars and sows, 3 to 10 months.
Parlee, M. H.	Sussex, N. B.	15 young boars and sows, different ages.
Reed, T.	Ardrea	Boar, 24 months; sow, 2 years; sow, 5 months; 9 pigs, weeks.

Gazette—Continued.

I am able to give this illustrated description of this peculiar plant.

Everyone is familiar with the greyish green patches which are frequently to be found on old board fences and on the bark of various kinds of trees. They are of irregular outline and present a roughened surface. They make their appearance as minute patches but time and favorable environment are alone necessary in order that they may extend over a considerable area. A permanently humid atmosphere and a slow growth of the tree are the most favorable conditions for the luxuriant growth of lichens. Trees making rapid growth are rapidly exfoliating the dead cork-cells on the outside, therefore the luxuriant development of lichens is impossible.

A lichen is made up of two distinct forms of plant life, each of which, under certain circumstances, is capable of independent existence. As a



Lichen growing on bark of apple tree.

rule the parasite lives entirely at the expense of its host. Such is the case with the fungous forms so injurious to farm and garden crops, viz., wheat-rust, smut, black-knot, etc. In lichens, however, we have the most conspicuous example of mutualism or symbiosis known. Here we find a fungus and a host (algal cells), living a united mutual benefit existence. The fungus provides the water and dissolved salts for the algal, and in return receives assimilated organic nutriment.

Lichens are injurious to the trees upon which they grow chiefly because of the fact that they cover up the openings (lenticels), through which the tree obtains oxygen. As the presence of oxygen in the interior of a tree is absolutely necessary for the maintenance of its vital processes, lichens always tend to bring about an unhealthy condition of the tree, and frequently furnish us with the reason for the death of so many branches.

Remedies.—Induce a vigorous growth of the tree either by pruning back or by enriching the soil, or better by both. Scrape off as well as possible and then apply with an old scrubbing-brush the following mixture: One pound of hard soap, or one quart of soft in two gallons of water; heat to boiling, and add one pint of crude carbolic acid.