

## AUTHOR INDEX TO VOLUME 53

- ALI-KHAN, S.T., R.C. ZIMMER, and E.O. KENASCHUK. Reaction of pea introductions to ascochyta foot rot and powdery mildew ..... 155
- ALLEN, WAYNE R. Nontransmissible, virus-like disorders of pome fruits in Ontario ..... 167
- ATKINSON, T.G. See Ledingham, R.J., et al. .... 113
- ARNOLD, R.H., and A.E. STRABY. *Phomopsis elaeagni* on Russian olive (*Elaeagnus angustifolia*) in Canada 183
- BARANYAY, J.A. See Funk, A., and J.A. Baranyay ..... 182
- BARR, D.J.S. *Rhizophyidium graminis* (Chytridiales): morphology, host range, and temperature effect .... 191
- BASU, P.K., R. CRETE, A.G. DONALDSON, C.O. GOURLEY, J.H. HAAS, F.R. HARPER, C.H. LAWRENCE, W.L. SEAMAN, H.N.W. TOMS, S.I. WONG, and R.C. ZIMMER. Prevalence and severity of diseases of processing peas in Canada, 1970-71 ..... 49
- BERKENKAMP, B. Disease assessment and losses in forage crops in central and northern Alberta, 1972 ..... 11
- BERKENKAMP, B., L.P. FOLKINS, and JOAN MEERES. Diseases of *Elymus* and other grasses in Alberta, 1972 ... 36
- BERNIER, C.C. See Platford, R.G., and C.C. Bernier..... 61
- CALLBECK, L.C. See James, W.C., et al. 161
- CHIKO, ARTHUR W. Barley stripe mosaic in the Canadian prairies in 1972.. 107
- CHIYKOWSKI, L.N., S.R. COLPITTS, L.J. COULOMBE, R.W. DELBRIDGE, C.O. GOURLEY, C.H. LAWRENCE, R.A. MURRAY, J. SANTERRE, and L.S. THOMPSON. Strawberry green petal disease in Quebec and the Maritime Provinces, 1971-72 ..... 63
- COLPITTS, S.R. See Chiykowski, L.N., et al. .... 63
- COULOMBE, L.J. See Chiykowski, L.N., et al. .... 63
- CRETE, R. See Basu, P.K., et al. .... 49
- CROWE, A.D. See Ross, R.G., and A.D. Crowe ..... 144
- CUTCLIFFE, J.A. See Thompson, L.S., et al. .... 16
- DAVIDSON, T.R. See Marks, C.F., and T.R. Davidson ..... 170
- DELBRIDGE, R.W. See Chiykowski, L.N., et al. .... 63
- DELBRIDGE, R.W. See Gourley, C.O., and R.W. Delbridge ..... 79
- DONALDSON, A.G. See Basu, P.K., et al. 49
- DUECK, J., and H.A. QUAMME. Fireblight in southern Ontario in 1972 ..... 101
- EGGENS, J.L. See Townshend, J.L., et al. .... 137
- EVANS, I.R. Seed-borne bean yellow mosaic virus of fababean in Canada
- FINDLAY, W.I. See McKeen, C.D., et al. 150
- FINNIE, R.E. See Singh, R.P., and R.E. Finnie ..... 153
- FOLKINS, L.P. See Berkenkamp, B., et al. .... 36
- FULTON, J.M. See McKeen, C.D., et al. 150
- FUNK, A., and J.A. BARANYAY. Additional fungi and a gall disease of dwarf mistletoe swellings in western hemlock ..... 182
- GALWAY, D. See Wallen, V.R., et al... 96
- GATES, L.F. Incidence of wheat spindle streak mosaic in Essex, Kent, and Lambton counties, Ontario, 1969-72 58
- GOURLEY, C.O. and R.W. DELBRIDGE. *Botrytis fabae* and *Ascochyta fabae* on broad beans in Nova Scotia ..... 79
- GOURLEY, C.O. See Ross, R.G., and C.O. Gourley ..... 1
- GOURLEY, C.O. See Thompson, L.S., et al. .... 16
- GOURLEY, C.O. See Basu, P.K., et al.. 49
- GOURLEY, C.O. See Chiykowski, L.N., et al. .... 63
- HAAS, J.H. See Basu, P.K., et al. ... 49
- HAGBORG, W.A.F. Gray speck of oats in western Canada ..... 72
- HALL, I.V. See Lockhart, C.L., et al. 99
- HARDING, HOWARD, and R.A.A. MORRALL. First record of *Gymnosporangium clavipes* on *Malus* sp. in western Canada ..... 60
- HARPER, F.R. A key to standardize the description of growth stages in turnip rape, *Brassica campestris*.. 93
- HARPER, F.R. See Basu, P.K., et al., 49
- HAWN, E.J. Plant-parasitic nematodes in irrigated soils of Alberta .... 29
- HAWN, E.J. See Webster, G.R., and E.J. Hawn ..... 175
- HIRATSUKA, Y. See Powell, J.M., and Y. Hiratsuka ..... 67
- HOPPER, B.E. See Olthof, Th.H.A., and B.E. Hopper ..... 31
- HORRICKS, J.S. See Ledingham, R.J., et al. .... 113
- KENASCHUK, E.O. See Ali-Khan, S.T., et al. .... 155
- JACKSON, H.R. See Wallen, V.R., et al. 96
- JAMES, W.C., C.S. SHIH, and L.C. CALLBECK. Survey of fungicide spraying practice for potato late blight in Prince Edward Island, 1972 ..... 161
- JOHNSON, P.W. See Marks, C.F., et al. 142
- LAWRENCE, C.H. See Basu, P.K., et al. 49
- LAWRENCE, C.H. See Chiykowski, L.N., et al. .... 63
- LEDINGHAM, R.J., T.G. ATKINSON, J.S. HORRICKS, J.T. MILLS, L.J. PIENING, and R.D. TINLINE. Wheat losses due to common root rot in the prairie provinces of Canada, 1969-71 ..... 113

LOCKHART, C.L., I.V. HALL, and R.A. MURRAY. Yield losses in cranberry in Nova Scotia, 1969-72 .....	99	PETRIE, G. ALLAN. Diseases of Brassica species in Saskatchewan, 1970-72. III. Stem and root rots..	88
LOUNSBERRY, J. See Marks, C.F., et al.	142	PHILPOTTS, L.E. See Wallen, V.R., et al. ....	96
MARKS, C.F., and T.R. DAVIDSON. Effects of preplant and postplant nematocides on populations of plant parasitic nematodes in the soil and on growth of fruit trees in the Niagara Peninsula .....	170	PIENING, L.J. See Ledingham, R.J., et al. ....	113
MARKS, C.F., J.L. TOWNSHEND, J.W. POTTER, Th.H.A. OLTHOF, P.W. JOHNSON, and J. LOUNSBERRY. Plant-parasitic nematode genera associated with crops in Ontario in 1972 .....	142	PLATFORD, R.G., and C.C. BERNIER. Diseases of rapeseed in Manitoba in 1972 .....	61
MCCOLLUM, N.K. See Townshend, J.L., et al. ....	137	POTTER, J.W., and J.L. TOWNSHEND. Distribution of plant-parasitic nematodes in field crop soils of southwestern and central Ontario..	39
MCKEEN, C.D. Occurrence, epidemiology, and control of bacterial canker of tomato in southwestern Ontario ...	127	POTTER, J.W. See Townshend, J.L., et al. ....	131
MCKEEN, C.D., J.M. FULTON, and W.I. FINDLAY. Fleck and acidosis of potatoes in southwestern Ontario..	150	POTTER, J.W. See Marks, C.F., et al.,	142
MCKENZIE, D.L., and R.A.A. MORRALL. Diseases of three specialty legume crops in Saskatchewan in 1972: field pea, lentil, and fababean ..	187	POTTER, J.W. See Townshend, J.L., and J.W. Potter .....	194
MEERES, JOAN. See Berkenkamp, B., et al. ....	36	POTTER, J.W. See Townshend, J.L., and J.W. Potter .....	196
MILLS, J.T. Cooperative seedtreatment trials - 1973 .....	178	POWELL, J.M., and Y. HIRATSUKA. Serious damage caused by stalactiform blister rust and western gall rust to a lodgepole pine plantation in central Alberta .....	67
MILLS, J.T., and W.H. SILVERSIDES. Effect of 2-(thiocyanomethylthio) benzothiazole (TCMTB) on emergence and germination of cereals, flax, and rape .....	5	QUAMME, H.A. See Dueck, J., and H.A. Quamme .....	101
MILLS, J.T. See Ledingham, R.J., et al. ....	113	ROSS, R.G., and A.D. CROWE. Replant disease in apple orchard soil ....	144
MORRALL, R.A.A. See Harding, Howard, and R.A.A. Morrall .....	60	ROSS, R.G., and C.O. GOURLEY. Crown rot of apple trees in Nova Scotia.	1
MORRALL, R.A.A. See McKenzie, D.L., and R.A.A. Morrall .....	187	SANTERRE, J. See Chiykowski, L.N., et al. ....	63
MURRAY, R.A. See Chiykowski, L.N., et al. ....	63	SANTERRE, J. See Townshend, J.L., et al. ....	131
MURRAY, R.A. See Lockhart, C.L., et al. ....	99	SAVILE, D.B.O. Rusts that pass import inspection .....	105
MURRAY, R.A. See Thompson, L.S., et al. ....	16	SEAMAN, W.L. See Basu, P.K., et al.,	49
OLT Hof, Th.H.A., and B.E. HOPPER. Distribution of <i>Pratylenchus</i> spp. and other stylet-bearing nematode genera in soils in the glue-cured tobacco area of southern Ontario..	31	SEWELL, ROBERT. Plant-parasitic nematodes from Canada and abroad, 1971 .....	34
OLT Hof, Th.H.A. See Marks, C.F., et al. ....	142	SHIH, C.S. See James, W.C., et al. ..	161
PARMELEE, J.A. <i>Puccinia allii</i> on garlic, an interception .....	147	SILVERSIDES, W.H. See Mills, J.T., and W.H. Silversides .....	5
PETRIE, G. ALLAN. Diseases of Brassica species in Saskatchewan, 1970-72. I. Staghead and aster yellows ....	19	SINGH, R.P., and R.E. FINNIE. Seed transmission of potato spindle tuber metavirus through the ovule of <i>Scopolia sinensis</i> .....	153
PETRIE, G. ALLAN. Herbicide damage and infection of rape by the blackleg fungus, <i>Leptosphaeria maculans</i> .....	26	STRABY, A.E. See Arnold, R.H., and A.E. Straby .....	183
PETRIE, G. ALLAN. Diseases of Brassica species in Saskatchewan, 1970-72. II. Stem, pod, and leaf spots .....	83	SUTTON, J.C. Fungi associated with the rusty root disorder of muck-grown carrots in Ontario .....	157
		TINLINE, R.D. See Ledingham, R.J., et al. ....	113
		THOMPSON, L.S., J.A. CUTCLIFFE, C.O. GOURLEY, and R.A. MURRAY. Evaluation of several insecticides for control of strawberry green petal disease .....	16
		THOMPSON, L.S. See Chiykowski, L.N., et al. ....	63
		TOMS, H.N.W. See Basu, P.K., et al.,	49
		TOWNSHEND, J.L., J.L. EGGENS, and N.K. MCCOLLUM. Turf grass hosts of three species of nematodes associated with forage crops .....	137

TOWNSHEND, J.L., and J.W. POTTER. Nematode numbers under cultivars of forage legumes and grasses ..... 194	WALLEN, V.R., D. GALWAY, H.R. JACKSON, and L.E. PHILPOTTS. Aerial survey for bacterial blight, 1970 ..... 96
TOWNSHEND, J.L., and J.W. POTTER. Some observations on the survival and development of <i>Helicotylenchus</i> <i>digonicus</i> under alfalfa ..... 196	WEBSTER, G.R., and E.J. HAWN. Distribution of <i>Paratylenchus</i> <i>projectus</i> in central and northern Alberta ..... 175
TOWNSHEND, J.L., C.B. WILLIS, J.W. POTTER, and J. SANTERRE. Occur- rence and population densities of nematodes associated with forage crops in eastern Canada ..... 131	WILLIS, C.B. See Townshend, J.L., et al. .... 131
TOWNSHEND, J.L. See Potter, J.W., and J.L. Townshend ..... 39	WONG, S.I. See Basu, P.K., et al. ... 49
TOWNSHEND, J.L. See Marks, C.F., et al. .... 142	ZIMMER, R.C. See Basu, P.K., et al... 49
	ZIMMER, R.C. See Ali-Khan, S.T., et al. .... 155