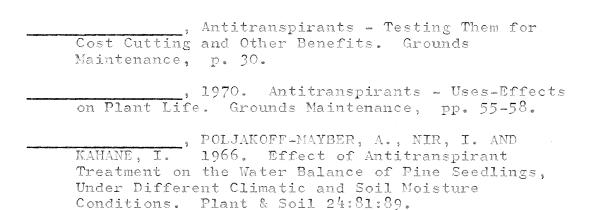
SHORT MONOGRAPH OF LITERATURE REFERENCES FOR THE USE OF ANTI-TRANSPIRANTS

M.R. Gardner

January 1973



- DAVENPORT, D.C. 1967. Effects of Chemical Antitranspirants on Transpiration and Growth of Grass. Journal of Experimental Botony, Vol. 18, =/#55. pp. 332-347.
- DAVENPORT, D.C., FISHER, M.A. and HAGAN, R.M. 1972. Some Counteractive Effects of Antitranspirants. Plant Physiol. 49:722:724. The Americal Society for Horticultural Science, Vol. 7(5).
- DAVENPORT, D.C., URUI, K. and HAGAN, R.M. 1972.

 Antitranspirant Film: Curtailing Intake of
 External Water by Cherry Fruit to Reduce Cracking.
 The Americal Society for Horticultural Science,
 Vol. 7(5) pp. 507-508.
- DAVENPORT, D.C., MARTIN, P.E. and HAGAN, R.M. 1972.
 Antitranspirants for Conservation of Leaf Water
 Potential of Transplanted Citrus Trees.
 University of California, Davis. The American
 Society for Horticultural Science. Vol. 7(5),
 pp. 511-512.

EMERSON, J.L. and HILDRETH, A.C. 1933. Preliminary Report on Reducing Transpiration of Transplanted Evergreens. Science 77:433:434. The American Society for Horticultural Science, Vol. 7(5).

- FIELDHOUSE, D.J., RYDER, J.C. and RATLEDGE, E.L. 1966.
 A Wax Base Transpiration Suppressant for use on Tomato and Pepper Transplants. Ann. Rev. Plant Physiol. 17:269:282. The Americal Society for Horticultural Science, Vol. 7(5).
- FURR, J.S. and DEGMAN, E.S. 1931. Relation of Moisture Supply to Stomatal Behaviour of the Apple. Proceedings of the American Society for Horticultural Science, Vol. 28, pp. 547-551.

- GALE, J. and HAGAN, R.M. 1966. Plant Antitranspirants. Annual Review Plant Physiol 17:267:282.
- GALE, J. and POLJAKOFF-MAYBER, A. Anti-Transpirants as a Research Tool for the Study of the Effects of Water Stress on Plant Behaviour. pp.269-274.
- GOREN, R., MENDEL, K. and MONSELISE, S.P. 1962. Effect of Polyvinyl Coating on Survival of Transplanted Citrus Nursery Stock Under Experimental and Commercial Conditions. Proceedings of The American Society for Horticultural Science, Vol. 81. pp. 231-237.

HARRIS, G.H. 1930. The Influence of Top on Root as Determined by Root Respiration of Young Fruit Trees. Proceedings of the American Society for Horticultural Science, pp. 329-334.

KNECHT, G.N. and ORTON, E.R. Jr. 1970. Stomate Density in Relation to Winter Hardiness of Ilex opaca Ait. Journal of The American Society of Horticultural Science. Vo. 95, \$\frac{1}{2}\$, pp. 341-345.

- SCHOLLANDER, P.F., HAMMEL, H.T., HEMMINGSEN, E.A. and BRADSTREET, E.D. 1964. Hydrostatic Pressure and Osmotic Potential in leaves of Mangroves and some other Plants. Proc. Nat. Acad. Sci. 52:119:125.
- SMITH, DON and BUCHLOTZ, K.P. 1963. Modification of Plant Transpiration Rate with Chemicals. Plant Physiology, pp. 572-578.
- SMITH, ELTON. 1971. Some Aspects of the Use of Anti-Desiccants to Prevent Winter Injury. Presented at the Ohio Short Course for Arborists at Ohio State University, pp. 1-3.
- SMITH, E.M., CHADWICK, L.C. and REISCH, K.W. 1966.
 The Use of Anti-Desiccants in Reducing Transpiration and Protecting Ornamental Plants
 Against Winter Injury. The American Society
 of Horticultural Science, Vol. 88, pp. 703-707.

TAYLOR, B.K. 1969. Physiological Studies on Dormancy in Cape Tulip, Australian Journal of Biological Sciences, Vol. 22, 1/4, pp. 787-796.

WIEGAND, K.M. 1910. Relation of Hairy and Cutinized Coverings of Transpiration. Botanical Gazette, Vol. 49, pp. 430-444.

ZIMMERMANN, H.M. 1964. Effect of Low Temperature on Ascent of Sap in Trees, Plant Physiology, Vol. 39, #1-6, pp. 568-572.

SHORT MONOGRAPH OF LITERATURE REFERENCES FOR THE USE OF ANTI-TRANSPIRANTS

M.R. Gardner

July 1971

- 1. _____, Antitranspirants Testing Them for Cost Cutting and Other Benefits, Grounds Maintenance, Page 30.
- 2._____, 1970, Antitranspirants Uses-Effects on Plant Life, Grounds Maintenance, pp. 55-58.
- 3. Davenport, D.C., 1967, Effects of Chemical Antitranspirants on Transpiration and Growth of Grass, Journal of Experimental Botony, Vol. 18, #55, pp. 332-347.
- 4. Furr, J.S. and Degman, E.S., 1931, Relation of Moisture Supply to Stomatal Behaviour of the Apple, Proceedings of the American Society for Horticultural Science, Vol. 28, pp. 547-551.
- 5. Gale, J. and Poljakoff-Mayber, A., Anti-Transpirants as a Research Tool for the Study of the Effects of Water Stress on Plant Behaviour, pp. 269-274.
- 6. Goren, R., Mendel, K. and Monselise, S.P., 1962, Effect of Polyvinyl Coating on Survival of Transplanted Citrus Nursery Stock Under Experimental and Commercial Conditions, Proceedings of the American Society for Horticultural Science, Vol. 81, pp. 231-237.
- 7. Harris, G.H., 1930, The Influence of Top on Root as Determined by Root Respiration of Young Fruit Trees, Proceedings of the American Society for Horticultural Science, pp. 329-334.
- 8. Knecht, G.N. and Orton, E.R. Jr., 1970, Stomate Density in Relation to Winter Hardiness of Ilex opaca Ait, Journal of American Society of Horticultural Science, Vol. 95, #3, pp.341-345
- 9. Smith, Don and Buchloltz, K.P., 1963, Modification of Plant Transpiration Rate with Chemicals, Plant Physiology, pp. 572-578.
- 10. Smith, Elton, 1971, Some Aspects of the Use of Anti-Desiccants to Prevent Winter Injury, presented at the Ohio Short Course for Arborists at Ohio State University, pp. 1-3.
- M. Smith, E.M., Chadwick, L.C. and Reisch, K.W., 1966, The Use of Anti-Desiccants in Reducing Transpiration and Protecting Ornamental Plants Against Winter Injury, American Society of Horticultural Science, Vol. 88, pp. 703-707.

2 / May

- 12. Taylor, B.K., 1969, Physiological Studies on Dormancy in Cape Tulip, Australian Journal of Biological Sciences, Vol. 22, #4, pp. 787-796.
- 13. Wiegand, K.M., 1910, Relation of Hairy and Cutinized Coverings to Transpiration, Botanical Gazette, Vol. 49, pp. 430-444.
- 14. Zimmermann, M.H., 1964, Effect of Low Temperature on Ascent of Sap in Trees, Plant Physiology, Vol. 39, #1-6, pp. 568-572.