

7.0 REFERENCES

- American Public Health Association. 1998.** Standard Methods for the Examination of Water and Wastewater. Twentieth edition. Washington, D.C., USA. 1220 pp.
- Asher, C.J. 1991.** Beneficial elements, functional nutrients, and possible new essential elements. *In: Mortvedt, J.J., Cox, F.R., Shuman, L.M. and Welch R.M. (eds.). Micronutrients in Agriculture: Second Edition. Number 4 in the Soil Science Society of America Book Series. Pp. 703-723. Soil Science Society of America, Inc. Madison, Wisconsin, USA.*
- Brown, P.H., Welch, R.M. and Cory, E.E. 1987.** Nickel: a micronutrient essential for higher plants. *Plant Physiology* 85: 801-803.
- Campbell, W.W., Joseph, L.J.O., Anderson, R.A. and Evans W.J. 2003.** Chromium picolinate supplementation during resistive exercise training does not influence clinical indexes of kidney and liver function in overweight, older people. Abstract 2193. *In: 2003 Experimental Biology Conference (Federation of American Societies for Experimental Biology). 11-15 April, 2003. San Diego, CA. Web page accessed 22 April, 2004. Available at <http://select.biosis.org/faseb/2003.html>.*
- Christensen, N.W., Taylor, R.G., Jackson, T.L. and Mitchell, B.L. 1981.** Chloride effects on water potential and yield of winter wheat infected with take-all root rot. *Agronomy Journal* 73: 1053-1058.
- Corbett, R. 2004.** Personal communication. Alberta Agriculture, Food and Rural Development, Edmonton, AB.
- Corbett, R. 2004.** Map of Se levels in Alberta forages. Unpublished report - Alberta Agriculture Food and Rural Development.
- Dixon, N.E., Gazzola, C., Blakeley, R.L. and Zerner, B. 1975.** Jack bean urease (EC3.5.1.5). A simple biological role for nickel? *Journal of the American Chemical Society.* 97: 4131-4133.
- Dowbenko, R. 2004.** Personal communication. Agrium Fertilizers Ltd., Calgary, AB.
- Ecological Stratification Working Group. 1995.** *A national ecological framework for Canada.* Agriculture and Agri-Food Canada, Research Branch, Centre for Land and Biological Resources Research and Environment Canada, State of the Environment Directorate, Ecozone Analysis Branch, Ottawa/Hull. Report and national map at 1:7 500 000 scale. 125 pp.
- Fixen, P.E., Buchenau, G.W., Geldman, R.H., Schumacher, T.E., Gerwing, R.J., Cholick, F.A. and Farber, B.F. 1986.** Influence of soil and applied chloride on several wheat parameters. *Agronomy Journal.* 78: 736-740.

- Fleming, G.A. 1980.** Essential micronutrients II: iodine and selenium. *In: Davies, Brian, E.* (ed.). 1980. Applied Soil Trace Elements. Pp. 139-234. John Wiley & Sons. Great Britain.
- Havlin, J.L., Beaton, J.D., Tisdale, S.L., and Nelson, W.L. 1999.** Micronutrients. *In: Soil Fertility and Fertilizers: An Introduction to Nutrient Management: Sixth edition.* Chapter 8. Prentice-Hall, Inc.
- Johnson, G.V. and Fixen, P.E. 1990.** Testing Soils for Sulfur, Boron, Molybdenum, and Chlorine. *In: Westerman, R.L.* (ed.). 1990. Soil Testing and Plant Analysis: Third Edition. Number 3 in the Soil Science Society of America Book Series. Pp 265-273. Soil Science Society of America, Inc., Madison, Wisconsin, USA.
- Leskiw, L.A., Yarmuch, M.S., Waterman, L.P., and Sansom, J.J. 2000.** Baseline soil physical and chemical properties of forty-three soil quality benchmark sites in Alberta. Can-Ag Enterprises Ltd. Final report submitted to the AESA Soil Quality Committee. 174 pp.
- Marx, E.S., Hart, J. and Stevens R.G. 1996.** Soil Test Interpretation Guide. Oregon State University Extension Service. 8 pp.
- McKeague, J.A. (ed.). 1978.** Manual on soil sampling and methods of analysis. Second edition. Subcommittee on Methods and Analysis. Canadian Soil Survey Committee. Canadian Society of Soil Science. Ottawa, Ontario. 212 pp.
- McKenzie, R.H. 1992.** Micronutrient requirements of crops. Agri-Facts (Agdex 531-1). Alberta Agriculture Food and Rural Development.
- Miller, E.R., Lei, X. and Ullrey, D.E. 1991.** Trace elements in animal nutrition. *In: Mortvedt, J.J., Cox, F.R., Shuman, L.M. and Welch R.M.* (eds.). Micronutrients in Agriculture: Second Edition. Chapter 16. Number 4 in the Soil Science Society of America Book Series. Pp. 593-662. Soil Science Society of America, Inc. Madison, Wisconsin, USA.
- Mortvedt, J.J. 1991.** Micronutrient fertilizer technology. *In: Mortvedt, J.J., Cox, F.R., Shuman, L.M. and Welch R.M.* (eds.). Micronutrients in Agriculture: Second Edition. Number 4 in the Soil Science Society of America Book Series. Chapter 14. Soil Science Society of America, Inc. Madison, Wisconsin, USA.
- Mowat, D.N. and Mallard, B.A. 1993.** Chromium: a new supplemental nutrient for cattle. Agric-food research in Ontario. June, 1993.
- Munson, R.D. and Nelson, W.L. 1990.** Principles and practices in plant analysis. *In: Westerman, R.L.* (ed.). 1990. Soil Testing and Plant Analysis: Third Edition. Number 3 in the Soil Science Society of America Book Series. Pp. 359-387. Soil Science Society of America, Inc., Madison, Wisconsin, USA.
- Nyborg, M. and Hoyt, P.B. 1970.** Boron deficiency in turnip rape grown on gray wooded soils. Canadian Journal of Soil Science.50: 87-88.

- Rehm, G.W., Fenster, W.E. and Overdahl, C.J. 1993.** Boron for Minnesota Soils. University of Minnesota Extension Service.
- Risser, J.A. and Baker, D.E. 1990.** Testing soils for toxic metals. *In:* Westerman, R.L. (ed.). 1990. Soil Testing and Plant Analysis: Third Edition. Number 3 in the Soil Science Society of America Book Series. Pp. 275-298. Soil Science Society of America, Inc., Madison, Wisconsin, USA.
- Romheld, V. and Marschner, H. 1991.** Functions of micronutrients in plants. *In:* Mortvedt, J.J., Cox, F.R., Shuman, L.M. and Welch R.M. (eds.). Micronutrients in Agriculture: Second Edition. Number 4 in the Soil Science Society of America Book Series. Pp. 297-328. Soil Science Society of America, Inc. Madison, Wisconsin, USA.
- Ruano, A., Poschenrieder, C.H. and Barcelo, J. 1988.** Growth and biomass partitioning in zinc-toxic bush beans. *Journal of Plant Nutrition* 11: 577-588.
- Shorrocks, V.M. 1984.** Micronutrient deficiencies and their correction. *In:* Span 27:3. Pp. 119-121.
- Sims, J.T. and Johnson, G.V. 1991.** Micronutrient soil tests. *In:* Mortvedt, J.J., Cox, F.R., Shuman, L.M. and Welch R.M. (eds.). Micronutrients in Agriculture: Second Edition. Chapter 12. Number 4 in the Soil Science Society of America Book Series. Pp. 427-476. Soil Science Society of America, Inc. Madison, Wisconsin, USA.
- Soltanpour, P.N., Olsen, S.R. and Goos, R.J. 1982.** Effect of nitrogen fertilization of dryland wheat on grain selenium concentration. *Soil Science Society of America Journal*. 46: 430-433.
- The Fertilizer Institute. 2000.** Fertilizers are safe. Unpublished report.
- Underwood, E.J. 1977.** Trace elements in human and animal nutrition: Fourth edition. Academic Press, New York, USA.
- Welch, R.M., Allaway, W.H., House, W.A. and Kubota, J. 1991.** Geographical distribution of trace element problems. *In:* Mortvedt, J.J., Cox, F.R., Shuman, L.M. and Welch R.M. (eds.). Micronutrients in Agriculture: Second Edition. Chapter 2. Number 4 in the Soil Science Society of America Book Series. Pp. 31-57. Soil Science Society of America, Inc. Madison, Wisconsin, USA.