

5.5 References

5.5.1 Related codes and standards

International Organisation for Standardisation (ISO)

ISO 7749-2: 1990 *Irrigation equipment – Rotating sprinklers – Part 2: Uniformity of distribution and test methods*

ISO 8026 Agricultural irrigation equipment – Sprayers – General requirements and test methods

ISO 8026:1995/Amd.1:2000 *Agricultural irrigation equipment – Sprayers – General requirements and test methods* AMENDMENT 1

ISO 8224/1 – 1985 *Traveller irrigation machines – Part 1: Laboratory and field test methods*

ISO/FDIS 8224-1:2002 *Traveller irrigation machines – Part 1: Operational characteristics and laboratory and field test methods* (FDIS)

ISO 9261: 1991 *Agricultural irrigation equipment – Emitting-pipe systems – Specifications and test methods*

ISO 11545: 2001 *Agricultural irrigation equipment – Centre-pivot and moving lateral irrigation machines with sprayer or sprinkler nozzles – Determination of uniformity of water distribution*

ISO 14050:2002 *Environmental management – Vocabulary*

American Association of Agricultural Engineers (ASAE)

ANSI/ASAE S436.1 DEC01 Test procedure for determining the uniformity of water distribution of center pivot and lateral move irrigation machines equipped with spray or sprinkler nozzles (ANSI)

ASAE EP405.1:2001 Design and installation of microirrigation systems

ASAE EP 458: 1995 Field evaluation of microirrigation systems [Withdrawn]

Other

ITRC Irrigation Evaluation: Drip micro 2000 [de facto standard]

Bloomer, D. and Goodier, C. 2003-2005. IRRIG8 Software for Irrigation Evaluation. (Support software for evaluations conducted according to guidelines established in the Code of Practice for Irrigation Evaluation 2005.)

5.5.2 Technical References

Allen, R.G., J. Keller and D. Martin. 2000. *Center Pivot System Design*. The Irrigation Association. Falls Church, VA.

Anon. 2001. The New Zealand Irrigation Manual: A practical guide to profitable and sustainable irrigation. Malvern Landcare/Environment Canterbury. Canterbury, New Zealand.

Anon. 2002. *Principles of Irrigation*. The Irrigation Association. Falls Church, VA.

Burt, C.M., A.J. Clemmens, T.S. Strelkoff, K.H. Solomon, R.D. Bliesner, L.A. Hardy, T.A. Howell, Members, ASCE, and D.E. Eisenhauer. 1997. "Irrigation Performance Measures: Efficiency and Uniformity". *Journal of Irrigation and Drainage Engineering*. Nov/Dec. 1997. Pp 423- 442.

Burt, C.M and S.W. Styles. 1994. *Drip and Microirrigation for Trees, Vines and Row Crops*. Irrigation Training and Research Center, California Polytechnic State University, San Luis Obispo, CA.

Burt, C.M., R. Walker, S.W. Styles and J. Parrish. 2000. *Irrigation Evaluation*. Irrigation Training and Research Center, California Polytechnic State University, San Luis Obispo, CA.

Buttrose, D. and M. Skewes. 1998 *Irr-E-Pack Irrigation Evaluation Package - System Evaluation Field Reference Manual* Primary Industries and Resources South Australia/Murray Darling Basin Commission

Davoren, A. (2002) *Planning and monitoring irrigation rotations*. Report for LandWISE Inc. Via internet: http://www.landwise.org.nz/pdf/l_notes_planning.pdf

Doak, M., I. Parminter, G. Horgan, R. Monk, G. Elliot. (2004) *The Economic Value of Irrigation in New Zealand*. MAF Technical Paper No: 04/01. Ministry of Agriculture and Forestry. Wellington.

Goodier, C. and Bloomer, D. 2004. *IRRIG8 Software for Irrigation Evaluation*. (Support software for evaluations conducted according to guidelines established in this Code of Practice.

New, L. and G. Fipps. 2002. *Center Pivot Irrigation*. Bulletin B-6096. 4.00. Texas Agricultural Extension Service. The Texas A&M University System. via internet: <http://amarillo.tamu.edu/amaweb/Programs/EnviroSys-NatRes/IrrigaWtrQlty/publications/B-6096-CtrPivIrri.pdf>

Rout, R. (2004) *Key Performance Indicators for Irrigation Design*. Irrigation New Zealand (unpublished draft)

Smajstrla, A.G., B.J. Boman, D.Z. Haman, D.J.Pitts, and F.S.Zazueta. 1998. *Field evaluation of microirrigation water application uniformity*. Bulletin 265, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida.

Sparrow, D. and M. Skewes. 1998. *Irr-E-Pack: Irrigation Evaluation Package, User Manual*. Primary Industries and Resources, SA. Murray Darling Basin Commission.