

Some Valuable Drip Irrigation References and Resources (partial list)

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Drip Irrigation References

Farmington Agricultural Science Center website: http://cahe.nmsu.edu/aes/farm/drip-irrigation.html#anchor_14634 (Power Point Presentations)

Definition and brief description of drip irrigation: http://en.wikipedia.org/wiki/Drip_irrigation

Burt, C.M. and S.W. Styles. 1999. Drip and Micro Irrigation for Trees, Vines, and Row Crops. Irrigation Training and Research Center (ITRC). BioResource and Agricultural Engineering Department. California Polytechnic State University, San Luis Obispo, California 93407. Phone: (805) 756-2434. www.itrc.org Also available from the Irrigation Association Book Store:

<http://www.irrigation.org/bookstore/default.aspx?pg=bookstore.ascx&id=49>

(This technical manual is for those who are serious about drip irrigation design for larger farms. Emphasis on subsurface drip systems [SDI]. Cost about \$60.00.)

Shock, C. Drip Irrigation: An Introduction. 2006. Oregon State University Extension Service. Sustainable Agriculture Techniques EM 8782-E. Available On-Line: <http://www.cropinfo.net/drip.htm>. Introduction to drip with a good reference list. (Free)

Haman, D.Z. and A.G. Smajstria. 1997. Design Tips for Drip Irrigation of Vegetables. University of Florida Cooperative Extension Service. IFAS. AE260. Available On-Line: <http://edis.ifas.ufl.edu/pdf/EA/AE09300.pdf>. Short, concise list of tips. (Free)

Wilson, C. and M. Bauer. 2006. Drip Irrigation for Home Gardens. Colorado State University. Cooperative Extension – Horticulture. Publication No. 4.702. Available On-Line: <http://www.ext.colostate.edu/PUBS/Garden/04702.html>. Six-page introduction with glossary of terms. (Free).

Hanson, B. 1996. Fertilizing Row Crops with Drip Irrigation. Irrigation Journal, Nov/Dec. Available on-line through Green Media web site: <http://www.greenmediaonline.com/ij/1996/1296/1296drip.html>. Guide to nitrogen fertilization of vegetables through drip-system injection. (Free).

Haman, D.Z. and F.T. Izuno. 1989 (reviewed 2003). Principles of Micro Irrigation. University of Florida IFAS Extension Service. AE70. Available on-line: <http://edis.ifas.ufl.edu/pdf/WI/WI00700.pdf>. Introduction - includes discussion of wetting patterns, etc. (Free).

Evans, R. and R.E. Sneed. 1996. Selection and Management of Efficient Low Volume Irrigation Systems. North Carolina Cooperative Extension Service. Publication Number EBAE-91-153. Available on-line: <http://www.bae.ncsu.edu/programs/extension/evans/ebae-91-153.html>. (Free).

Natural Resources Conservation Service. Water Conservation in Your Backyard. Links from NRCS Website. Water conservation tips including drip irrigation. (Free).
<http://www.nrcs.usda.gov/feature/backyard/pdf/watermgt.pdf> verified: February, 2007.

Penn State University. 2003. Drip Irrigation. Discussion of advantages/disadvantages of drip and links to Plasticulture Research including low-cost plastic greenhouses.
<http://plasticulture.cas.psu.edu/D-Irrigation.html>.

Rain Bird Corp. 1990. Low Volume Irrigation System Maintenance Manual. Rain Bird, Agri-Products Division, 633 West Foothill Blvd., Glendora, CA 91741. Phone: 1-800-435-5624. Drip irrigation maintenance manual discussing emitter clogging remedies, chemigation, fertilizers, etc. Includes troubleshooting chart.

Rain Bird Drip Irrigation Design Manual and other related literature from Rain Bird. Available on-line for free. <http://www.rainbird.com/drip/literature/index.htm> (mainly landscape)

Jain Irrigation System, Ltd. Drip Irrigation Maintenance Manual. Comprehensive drip irrigation manual – This is an India Company so units are metric. Available on-line (free):
<http://www.jains.com/PDF/Irrigation/margadarshika%20eng.pdf> (83 pgs.)

Burbank, W.E., R. Meyer, and R. Hoffman. 1995. Trickle Irrigation for Home Gardens. North Dakota State University Extension Service. Publication AE-889. Available on-line:
<http://www.ag.ndsu.edu/pubs/plantsci/hortcrop/ae889w.htm>. Design specifications for drip laterals.

Jess Stryker's Drip Tutorial: <http://www.irrigationtutorials.com/dripguide.htm>.
On-line tutorial for the beginner. Uses Metric units.

Drip Irrigation.ca: <http://www.dripirrigation.ca/>. On-line tutorials including many short videos.

Drip Irrigation for Vegetable Production.
<http://agalternatives.aers.psu.edu/crops/Irrigation/DripIrrigation.pdf>
(Publication by Penn State University)

Ivie, M. 1979 (revised 1994). A Simple Home Drip Irrigation System. University of the Virgin Islands Cooperative Extension Service. Gardeners FactSheet Number 20:
<http://rps.uvi.edu/CES/gf20.PDF>

Brouwer, C., K. Prins, M. Kay, and M. Heibloem. 2007 (verified February 14). Irrigation Water Management: Irrigation Methods. FAO Irrigation Training Manual Number 5 (on-line) <http://www.fao.org/docrep/S8684E/s8684e07.htm> Comprehensive manual.

Encisco, Juan. Installing a subsurface drip irrigation system for row crops. Texas Coop. Ext Svc. http://agriflifebookstore.org/tmppdfs/viewpdf_1981.pdf?CFID=1088875&CFTOKEN=64f39f8030acc62f-576C869D-7E93-35CB-876EBEC25F46D864&jsessionid=8e30868de310324e4111

T-Tape Drip Irrigation Manual:
<http://www.irrigation-mart.com/catalog/enintrobro.pdf>

Suppliers/Retailers of Drip Irrigation Components
(some also have valuable drip instruction manuals)

Irrigation Association List:
<http://www.irrigation.org/directories/default.aspx?pg=products.ascx&id=57>

Netafim Low-Pressure Drip System:
http://www.netafim.com/Irrigation_Products/Agriculture_Drip_Products/Irrigation_Systems%5B1345%5D/LPS_/LPS_-_Low_Pressure_System.htm

Chapin Watermatics: Low-pressure drip irrigation system using bucket.
<http://www.hydrosorce.com/w3clp008.htm>

Hydrosorce: Chapin Bucket Kits: <http://www.hydrosorce.com/prod03.htm>

Drip Depot: <http://www.dripdepot.com/>

Drip Works: Home Page: <http://www.dripworksusa.com/index.html>.

The Drip Store: <http://www.dripirrigation.com/?ad=ggl-DI>.
Gravity Bucket Kit for Gardens:
http://www.dripirrigation.com/drip_irrigation_help.php?pgv=Gravity.

Mr. Drip Products: <http://www.mrdrip.com/products.htm>.

Northern Garden Supply: <http://www.bcnorth.ca/northerngardensupply/shop.asp>.

Berry Hill Irrigation: <http://www.berryhilldrip.com/gardens.htm>.

Kelley's Lawn and Irrigation Supply:
<http://www.sprinklersupplies4less.com/productsservices/category.nhtml?catuid=10112>

Irrigation Mart:
<http://www.irrigation-mart.com/index.html>