
CO652.0505 State Supplement

Irrigation Methods

To determine suitable irrigation methods, sound planning should consider:

- Cost and ease of installation
- Maintenance required
- Labor and skill required for operation
- Ease with which it can be fitted into the farm enterprise
- Considerations for the water quantity and timing of deliveries from the existing irrigation supply system
- Economic comparisons/considerations

The following is a listing of web sites with irrigation system descriptions, methods, limitations, and research papers.

The NRCS Water and Climate Center;

www.wcc.nrcs.usda.gov



**SOIL and WATER MANAGEMENT
RESEARCH UNIT**

**Conservation & Production Research
Laboratory**

http://www.ars.usda.gov/Main/site_main.htm?modecode=54-02-10-00

The Irrigation Training and Research Center

<http://www.itrc.org>

The California Agricultural Technology Institute

<http://www.cati.csufresno.edu/>

The Irrigation Association

<http://www.irrigation.org/>

The Food and Agriculture Organization of the United Nations (FAO) training manual number nine, *Drainage of Irrigated Lands*, discusses system selection and other considerations at length. The web site is:

<ftp://ftp.fao.org/agl/aglw/fwm/Manual9.pdf>

This site has a number of papers on irrigation. The listed paper - *Irrigation System Selection*, has descriptions for systems, capabilities, limitations, labor, energy, and economic factors,



An educational and irrigation scheduling resource for water managers.

<http://www.wateright.org/site2/publications/880105.asp>

North Dakota State University, Extension Service has a number of papers available. One very helpful paper is *Selecting A Sprinkler Irrigation System*, and can be found at:

<http://www.ext.nodak.edu/extpubs/ageng/irrigate/ae91w.htm>

Colorado State University, Extension Service has a number of papers available. These can be found at:

Microirrigation for Orchard and Row Crops
<http://www.ext.colostate.edu/>

Subsurface Drip (SDI)

<http://www.ext.colostate.edu>

Center-Pivot Irrigation Systems

<http://www.ext.colostate.edu>