Special thanks are extended to the following NRCS specialists for their input into the design and development of this “Irrigation Training Toolbox”:

- Ron Marlow, National Water Management Engineer, Conservation Engineering Division, NHQ, Washington, DC - **National Sponsor**
- Tom Spofford, Irrigation Engineer, National Water and Climate Center, Portland, Oregon - **National Technical Leader**
- John Barclay, District Conservationist/Irrigation Specialist, Centreville, Michigan
- Charles (Chuck) Caruso, Engineering Specialist, Albuquerque, New Mexico (Retired)
- Paul B. Rodrique, Wetland Hydrologist, Wetlands Science Institute, Stoneville, Mississippi
- Kevin L. Shamburg, Agricultural Engineer, Salina, Kansas (Retired)
- MaryBeth Sorrentino, Water Management Specialist, Mays Landing, New Jersey
- Jerry Walker, Water Management Specialist, Temple, Texas
IRRIGATION TRAINING TOOLBOX

HOW TO USE THE TOOLBOX

Organization of Your Toolbox

Your Toolbox is divided into 8 categories:

1. Soil-Water-Plant Relationships
2. Irrigation Systems Planning
3. Irrigation System Design
4. Water Measurement
5. Irrigation Scheduling
6. Soil Moisture Measurement
7. Irrigation Water Management Plan
8. Irrigation System Evaluation

Contents of Toolbox

Your “Toolbox” contains:

1. Videos from NRCS, other agencies, universities, irrigation associations, private irrigation companies, etc.
2. Planning/Design Material from NRCS, other agencies, universities, irrigation associations, private irrigation companies, etc.
3. Self-paced training modules (some with videos) and draft modules from NRCS. A few lesson plans are included.
4. Charts, tables, job aids, etc. from various sources.
5. Anything else the Team could find.

Disclaimer

We want to point out that we can’t endorse material or equipment:

*Mention or inclusion of trademarked or copyrighted materials or equipment in this Irrigation Training Toolbox does not constitute endorsement by the United States Department of Agriculture.*

How To Use Your Toolbox

Follow the steps below for good results:

1. Determine the category (categories) in which you want to provide training. Your training should fall in one of the eight categories listed above.

2. Determine the time you have to complete the training.

3. Pull the related material and videos (if any) from your Toolbox.

4. Prepare your lesson plan and visual aids. If possible, type the lesson plan. Be sure to include a cover listing:
   a. Lesson name.
   b. Lesson objectives.
   c. Technical references used to develop the lesson.
   d. Target audience.
   e. Training aids used (slides, transparencies, chalkboard, etc.).
   f. Delivery method (guided conference, hands-on, etc.)
   g. Length of time to deliver planned training.

5. Add a copy of your lesson plan to the Toolbox. Be sure to mark the source (your name). *This is, of course, optional.*
6. Send a copy of your lesson plans and visual aids to the NEDC. We will announce that we have them for interested states. On request, we will send them copies. *Again, this is optional.*

7. Add good training resources you have found that are not currently in your Toolbox. Let the NEDC know about them and we, in turn, will let the states know. *This is really important.*

8. *Complete the annual report (how many hours of training did you develop using the Toolbox).* This shows us that you are using the material and give us an incentive to continue adding to the Toolbox.