

IRRIGATION WATER MANAGEMENT (449) PRACTICE CHECKLIST

DESIGN

1. A written irrigation water management plan that includes as a minimum:
 - Timing of irrigation
 - Method of measuring soil moisture
 - Method for adjusting irrigation to compensate for changes in the soil infiltration rate
 - Method for evaluating irrigation system uniformity
 - Method for measuring irrigation system application rate
 - Method for evaluating soil erosion
 - Method for adjusting the irrigation schedule for nutrient and chemical applications
 - Method for recognizing excess runoff
 - List of required permits
 - Planned layout of irrigation system to be managed according to the irrigation water management plan
 - Operation and maintenance plan

APPLICATION

1. Plan review conference with client.
2. Verification that client has obtained required permits.

CERTIFICATION

1. Written documentation of irrigation water management using acceptable forms and/or methods

REFERENCES

- NRCS Field Office Technical Guide, Irrigation Water Management, 449
- NRCS National Engineering Handbook, part 652, National Irrigation Guide
- NRCS National Engineering Manual
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook