For additional information on water use reporting requirements, contact Bob Pigg, MDA, 517-373-6893

3. Conservation Practices Implemented
Check the box if the associated practice is used on your farm

System Management
- Measure the amount of water applied accurately
- Monitor pumping plant efficiency
- Maintain the irrigation system regularly to be sure it is in good working condition
- Operate sprinkler systems to minimize drift and off-target application
- Ensure sprinkler nozzle/drip applicator flow rate is matched to the infiltration rate of the soil or medium
- Provide noise control where needed

Record Keeping
- For each crop irrigated, keep records on the crop type and location
- Keep records on the source of the water used
- Record date and amount of each irrigation application or the total amount of water applied to an area
- Keep records on all system inspections and repairs that influence uniformity and leaks
- Regularly calibrate fertigation and chemigation equipment, if used, and maintain records
- Keep records of the results each time the sprinkler system uniformity is evaluated

Irrigation Scheduling
- Know the available soil water for each unit scheduled
- Know the depth of rooting for each crop irrigated
- Use container capacity in scheduling irrigation for container grown nursery or greenhouse crops
- Know the allowable moisture depletion at each stage of crop growth
- Measure, estimate, or use published evapotranspiration data to determine crop water use
- Measure rainfall in each field irrigated and adjust irrigation schedule/amount accordingly

Application Practices
- Choose irrigation application amounts that will avoid surface runoff under sprinkler irrigation
- In the case of container irrigation, runoff is managed through recycling or proper disposal systems
- Assure that sprinkler application rates are below the soil infiltration rate
- When irrigation is used, split nitrogen fertilizer applications
- Incorporate appropriate backflow-prevention safety devices if a chemigation/fertigation system is used
- Avoid applying more water than needed to replace the soil/media moisture deficit

For more information on Irrigation GAAMPs please visit [http://michigan.gov/MDA](http://michigan.gov/MDA) click on Farming and under Environment click on GAAMPs.