

**NATURAL RESOURCES CONSERVATION SERVICE
OPERATION AND MAINTENANCE PLAN
ARIZONA**

IRRIGATION LAND LEVELING

(Ac.)

CODE 464

Cooperator _____ Date _____

Address _____

Location: Section _____ Township _____ Range _____ Quad Sheet Name _____
 Northing _____ Easting _____ **OR** Longitude _____ Latitude _____

NRCS Field Office _____ County _____

This conservation practice is an asset to your farm or ranch. This practice will need periodic operation and maintenance to maintain satisfactory performance. The life of this practice or system is at least 15 years. The life of this practice can be assured or extended by thorough and timely operation and maintenance.

GENERAL RECOMMENDATIONS

This practice will require you to perform periodic maintenance and may also require operational items to maintain satisfactory performance. Here are some recommendations to help you develop a good operation and maintenance program.

- Fields should be evaluated periodically by the operator to optimize a healthy plant environment or to ensure proper surface drainage.*
- Maintenance on smoothed fields may require the periodic removal or grading of mounds and/or depressions.*
- Land grading, such as with a float or plane, may periodically be needed to restore or re-establish the installed or design field gradient.*
- Avoid use of tillage equipment and operations that causes compaction or leaves ridges or depressions that cannot be removed by subsequent tillage operation.*
- On cultivated lands with high efficiency irrigation systems, re-land leveling or "touch ups" are required every growing season to re-establish the installed field condition. Maintain good vegetative cover in all other areas.*
- Periodic cleaning and re-grading of collection facilities (fields, ditches, pipes, structures) to maintain proper flow lines and functionality.*
- Periodic checks and removal of debris, foreign material obstructions, or blockage as necessary from trash racks, ditch/pipe inlets, outlets and structures to assure proper operation.*
- Periodic removal and planned placement of sediment from traps and/or storage facilities to maintain design capacity and efficiency.*
- Eradicate or otherwise remove all rodents or burrowing animals that have or may potentially damage any part of the delivery or application facilities. Immediately repair any damage caused by their activity.*
- Immediately repair any damage resulting from vandalism, vehicles, or livestock.*
- Install and maintain fences to prevent livestock access where excessive trampling of banks or ditch may occur, and do not allow livestock near equipment during operation.*

