



USDA NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE SPECIFICATION
ARIZONA

CONSERVATION CROP ROTATION

(Acres)
CODE 328
LIFESPAN: 1 Year

Cooperator	Design Date
Conservation District	Field Office
Land Unit(s)	Program
Practice Amount	County
Land Ownership	

Purpose: (Check those that apply or delete those that do not apply)

- Reduce sheet and rill erosion
- Improve soil quality
- Manage the balance of plant nutrients
- Supply nitrogen through biological nitrogen fixation to reduce energy use
- Conserve water
- Manage saline seeps
- Manage plant pests (weeds, insects, and diseases)
- Provide food for domestic livestock
- Provide annual crops for bioenergy feedstocks
- Provide food and cover for wildlife, including pollinator forage, cover, and nesting

Requirements

The planned crop sequence shall produce a positive OM (organic matter) sub-factor within the Soil Condition Index (SCI) as documented in the RUSLE2 erosion prediction program.

Planned Crop Rotation

In table below enter the field, the crop (type or name), in the sequence to be planted, and time period for each crop in months or years. Add extra lines, columns, or years as needed.

(Year)

Field # (Farmer no.)	Field # (EQIP)	Crop	Time in Field (days, months, yr.)	Crop	Time in Field (days, months, yr.)	Crop	Time in Field (days, months, yr.)	Rotation Length (yrs)

(Year)

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(Year)

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General Specifications

If NRCS financial assistance is provided, you must comply with the cropping sequence (allowed to change crops as long as the replacement crop is a similar type i.e. warm season grass, warm season broadleaf, etc.) and field operations (+/- 2 minor operations per crop). NRCS will meet with you at least annually to determine if any adjustments are needed in the cropping sequence or field operations. Contact NRCS if additional adjustments are needed due to unusual

circumstances (economics, water problems, diseases or pest outbreaks, etc.) to make changes to these specifications.

Notes: The RUSLE2 erosion prediction program will be used to determine the Soil Condition Index (SCI), and Predicted Soil Loss value from precipitation events. To meet Arizona Quality Criteria the SCI index score and the OM (organic matter) sub-factor must be positive, and the predicted soil loss cannot exceed T for the planned soil. Attach the appropriate RUSLE2 report to this specification.

The WEPS program will be used to predict soil loss from wind erosion. To meet Arizona Quality Criteria the predicted soil loss cannot exceed T for the planned soil. Attach the appropriate WEPS Run and Management Summaries to this specification.

Operation and Maintenance

Rotations shall provide for acceptable substitute crops in case of crop failure or changes in planting intentions due to weather related or economic reasons. Acceptable substitutes are those crops having similar properties that will accomplish the purpose of the original crop.

Required Producer Records

Crops grown, planting & harvest dates, yields, and tillage operations conducted. If there are changes from the rotation in the above table then the Producer shall provide what crops were planted, when planted, field or tract, and reason(s) for the change.

Cooperator Acknowledgement

I acknowledge that:

1. I have received a copy of these specifications, including any attachments, and that I understand the contents, and the requirements for installation of this practice.
2. Maintenance of the installed work is necessary for proper performance for the life of the practice. For federally funded practices, this practice must be maintained for the expected life of the practice.

Accepted by _____

Date _____

NRCS Planner/Certification

Designed by: _____ Approval Authority: _____ Date: _____

I certify that this conservation practice was applied according to NRCS standards and this specification.

Certified by: _____ Approval Authority: _____ Date: _____