

Dell City Field Office
New Mexico Portion
Irrigated Cropland Guide Sheet
Resource Data

MLRA - 42
Soils - All in WEG 4L

WEQ T=2
C-120 I-86 or less

The following alternatives are acceptable regardless of the tillage method used provided the minimum specified amounts of residue are managed as indicated in the management requirements section. Critical windy season is Feb. to May.

Irrigated Cropland Alternatives *

Alternative 1: Cotton 3 years, Grain Sorghum 2 years,
Small Grains 1 years

Minimum Crop Residue Amounts: Cotton - 1500 pounds
Grain Sorghum - 1500 pounds
Small Grains - 750 pounds

Alternative 2: Cotton 3 years, Small Grains 1 years

Minimum Crop Residue Amounts: Cotton - 1500 pounds
Small Grains - 750 pounds

Alternative 3: Cotton 3 years, Alfalfa 4 years

Minimum Crop Residue Amounts: Cotton - 1250 pounds
Alfalfa - 550 pounds

Alternative 4: Cotton 3 years, Alfalfa 5 years

Minimum Crop Residue Amounts: Cotton - 1000 pounds
Alfalfa - 550 pounds

Alternative 5: Any rotation with comparable level of protection (Use WEQ and USLE to ensure that erosion losses are < "T").

* All residue amounts shown are in lbs/ac air dry residue.

Management requirements:

Alfalfa - Leave the minimum specified amounts of standing residue on the soil surface during the blow season.

Cotton - Leave the minimum specified amounts of standing residue in the field until April 1 or as near planting time as possible. When plowdown is required, leave the soil in a ridged and cloddy condition until planting time.

Small Grain - Leave the minimum specified amounts of growing small grain on the soil surface during the blow season.

Forage Sorghum - Same as cotton

TG Section III-A-2 Basic Conservation Systems - Part 2
Dell City Field Office

Approved by:

Carlboards
SWCD

6-27-88
Date

Donald E. Gilmore
District Conservationist

6-15-88
Date

Richard D. Smith
Area Conservationist

6-27-88
Date

Ray V. Margop.
State Conservationist

7/7/88
Date

TG Section III-A-2 Basic Conservation Systems - Part 2

Dell City Field Office
New Mexico Portion
Irrigated Cropland Guide Sheet
Resource Data

MLRA - 42
Soils - All in WEG 4L

WEQ T-1
C-120
I-86 or less

The following alternatives are acceptable regardless of the tillage method used provided the minimum specified amounts of residue are managed as indicated in the management requirements section. Critical windy season is Feb to May.

Irrigated Cropland Alternatives *

Alternative 1: Cotton 2 years, Alfalfa 4 years,
Small Grain 1 year

Minimum Crop Residue Amounts: Cotton - 1500 pounds
Alfalfa - 550 pounds
Small grains - 750 pounds

Alternative 2: Cotton 1 years, Grain Sorghum 1 years,
Alfalfa 3 years

Minimum Crop Residue Amounts: Cotton - 1500 pounds
Grain Sorghum - 1500 pounds
Alfalfa - 1500 pounds

Alternative 3: Grain Sorghum 3 years, Small Grains 2 year

Minimum Crop Residue Amounts: Grain Sorghum - 1500 pounds
Small Grains - 750 pounds

Alternative 4: Cotton 3 years, Alfalfa 5 years,
Small Grains 2 years

Minimum Crop Residue Amounts: Cotton - 1500 pounds
Wheat - 550 pounds
Small Grains - 750 pounds

Alternative 5: Alfalfa 4 years, Small Grain 1 year,

Minimum Crop Residue Amounts: Alfalfa - 550 pounds
Small Grain - 500 pounds

TG Section III-A-2 Basic Conservation Systems - Part 2
Dell City Field Office

Alternative 6: Alfalfa 4 years, Small Grains 4 year,

Minimum Crop Residue Amounts: Alfalfa - 550 pounds
Small Grains - 600 pounds
(from annuals)

Alternative 7: Any rotation with comparable level of protection
(Use WEQ and USLE to ensure that erosion losses are less than
"T").

* All residue amounts shown are in lbs/ac air dry residue.

Management requirements:

Alfalfa - Leave the minimum specified amounts of standing residue
on the soil surface during the blow season.

Cotton - Leave the minimum specified amounts of standing residue
in the field until April 1 or as near planting time as possible.
When plowdown is required, leave the soil in a ridged and cloddy
condition until planting time.

Small Grain - Leave the minimum specified amounts of growing small
grain on the soil surface during the blow season.

Forage Sorghum - Same as cotton

TG Section III-A-2 Basic Conservation Systems - Part 2
Dell City Field Office

Approved by:

Karlboards
SWCD

6-22-88
Date

Donald E. Gilmore
District Conservationist

6-15-88
Date

Richard W. Smith
Area Conservationist

6-27-88
Date

Lay V. Margo
State Conservationist

7/7/88
Date