

TG Section III-A-2 - Resource Management Systems

FORT SUMNER FIELD OFFICE

Irrigated Cropland Guide Sheet 1/

Resource Data

MLRA - 70

Soils - 102,105,106,107,108,109,110,112,113,114,115,117,118,111  
WEC 2,3,4,5,6

T-5

WEQ

- C-150
- I-134 or less
- L-2000 or less

The following alternatives are acceptable regardless of tillage method used provided the minimum specified amounts of residue are managed as indicated in the Management Requirements Section. Critical erosion period is November thru April.

Irrigated Cropland Alternatives 2/

Alternative 1: Alfalfa - 6 years, Small Grains and/or Forage Sorghum - 2 years.

Minimum Crop Residue Amounts:	Alfalfa	- 700 pounds
	Growing Small Grains	- 275 pounds
	Standing Sorghum Stubble	- 500 pounds

Alternative 2: Alfalfa - 5 years, Small Grains or Forage Sorghum - 2 years.

Minimum Crop Residue Amounts:	Alfalfa	- 700 pounds
	Growing Small Grains	- 350 pounds
	Standing Sorghum Stubble	- 600 pounds

Alternative 3: Alfalfa - 5 years, Small Grains and/or Forage Sorghum - 3 years.

Minimum Crop Residue Amounts:	Alfalfa	- 700 pounds
	Growing Small Grains	- 450 pounds
	Standing Sorghum Stubble	- 750 pounds

Alternative 4: Continuous Small Grains and/or Continuous Forage Sorghum

Minimum Crop Residue Amounts:	Growing Small Grains	- 650 pounds
	Standing Sorghum Stubble	- 1000 pounds

Alternative 5: Permanent Irrigated Pasture

Minimum Crop Residue Amounts:	Grasses and Legumes - 350 pounds
	(Fescue)

Alternative 6: Any rotation with comparable levels of protection. (Use WEQ and USLE to ensure that total erosion losses are less than "T".)

2/ Acceptable alternatives as long as water erosion does not exceed "T".

Ft. Sumner - I-134 - Resource Management Systems  
C-150

Management Requirements:

- Alfalfa - Leave the minimum specified amounts of residue during the blow season.
- Sorghum - Leave the minimum specified amounts of standing sorghum stalk residue on soil surface until April 1, or as near planting time as possible, whichever is later.
- Wheat or Oats - Leave the minimum specified amounts of growing small grain residue during the blow season.
- Permanent Pasture - Leave the minimum specified amounts of grass and/or legume pasture residue during the blow season.
- Emergency Tillage - Any time sufficient residues are not produced to manage as above, the land will be left in a rough, ridged, cloddy condition to prevent wind erosion.
- Emergency Irrigation - If insufficient residues or clods are present to prevent blowing, the land will be lightly irrigated.

1/ To be used for conservation compliance and/or sodbusting.

Guidesheet approved by De Baca SWCD Board.

Robert Rallap  
Supervisor

2/16/88  
Date

Leslie C Armstrong  
District Conservationist

7/28/88  
Date

Robert D. Bruce  
Area Conservationist

8/8/88  
Date

Ray Margo Jr.  
State Conservaitonist

8/19/88  
Date

FT. SUMNER FIELD OFFICE  
Irrigated Cropland Guide Sheet 1/

## Resource Data

MLRA - 70  
Soils - 103, 116  
WEG - 3,4,5,6  
T-4

WEQ

C-150  
I-86 or less  
L-3000 or less

The following alternatives are acceptable regardless of tillage methods used, provided the minimum specified amounts of residue are managed as indicated in the Management Requirements Section. Critical erosion period is November - April.

Irrigated Cropland Alternatives 2/

Alternative 1: Alfalfa - 6 years, Small Grains or Forage Sorghum - 2 years.

Minimum Crop Residue Amounts:	Alfalfa	- 700 pounds
	Growing Small Grains	- 250 pounds
	Standing Sorghum Stubble	- 400 pounds

Alternative 2: Alfalfa - 5 years, Small Grains and/or Forage Sorghum - 2 years.

Minimum Crop Residue Amounts:	Alfalfa	- 700 pounds
	Growing Small Grains	- 275 pounds
	Standing Sorghum Stubble	- 500 pounds

Alternative 3: Alfalfa - 5 years, Small Grains or Forage Sorghum - 3 years.

Minimum Crop Residue Amounts:	Alfalfa	- 700 pounds
	Growing Small Grains	- 300 pounds
	Standing Sorghum Stubble	- 550 pounds

Alternative 4: Continuous Small Grains and/or Continuous Forage Sorghum

Minimum Crop Residue Amounts:	Growing Small Grains	- 550 pounds
	Standing Sorghum Stubble	- 850 pounds

Alternative 5: Permanent Irrigated Pasture

Minimum Crop Residue Amounts:	Grasses and Legumes	- 350 pounds
	(Fescue)	

Alternative 6: Any rotation with comparable levels of protection. (Use WEQ and USLE to ensure that erosion losses are less than "T".)

2/ Acceptable alternatives as long as water erosion does not exceed "T".

Management Requirements:

- Alfalfa - Leave the minimum specified amounts of residue during the blow season.
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<sup>1/</sup>To be used for conservation compliance and/or sodbusting.

Guidesheet approved by DeBaco SWCD Board.

Robert Raehl  
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2/10/88  
Date

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Date

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8-8-88  
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8/19/88  
Date