Carlsbad Field Office
Irrigated Cropland Guide Sheet
Resource Data

MLRA - 42
Soils - All in WEG 3, 4, 4L,5, 6, 7

WEQ	USLE
C-200	R-80
I-86 or less	K-.55

The following alternatives are acceptable regardless of the tillage method used provided the minimum specifed amounts of residue are managed as indicated in the management requirements section. Critial windy season is Feb. 1 to April 15.

Irrigated Cropland Alternatives *

Alternative 1: Cotton 1 year, Alfalfa 4 years, Small Grains 1 year

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

Alternative 2: Cotton 3 years, Alfalfa 4 years

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

Alternative 3: Cotton 3 years, Alfalfa 4 years, Small Grains 1 year

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

Alternative 4: Cotton 2 years, Alfalfa 4 years

Minimum Crop Residue Amounts: Cotton - 550 pounds
Alfalfa - 440 pounds

Alternative 5: Cotton 2 years, Alfalfa 4 years, Small Grains 1 year

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

Alternative 6: Cotton 2 years, Alfalfa 4 years, Haygrazer 1 year

Minimum Crop Residue Amounts: Cotton - 550 pounds
Alfalfa - 550 pounds
Haygrazer- 700 pounds

Alternative 7: Cotton 2 years, Alfalfa 3 years

Minimum Crop Residue Amounts: Cotton - 925 pounds
Alfalfa - 550 pounds

Alternative 8: 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:

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

Cotton - Leave the minimum specified amounts of standing residue in th 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 specifed amounts of growing small grain on the soil surface during the blow season.

Forage Sorghum (Haygrazer) - Leave the minimum specified amounts of standing residue in the field until April 1 or as near planting time as possible.

Idle land - When land will be idle during the blow season, the minimum amounts pf residue from the preceding crop will remain on the soil surface until the land is to be prepared for the next crop.

James P. Beard — 6-3-88
SWCD — Date

William H. See — 6-3-88
District Conservationist — Date

Richard D. Smith — 6-13-88
Area Conservationist — Date

Ray V. Margo Jr. — 7/7/88
State Conservationist — Date