

TG Section III-I-B - Basic Conservation Systems - Part 2

Aztec Valley Field Office

Irrigated Cropland Guide Sheet

Resource Data

MLRA - 37

Soils - all in WEG 3,4,5,6,7

T-5

WEG

USLE

C-80

R-25

I-86

K.37

800'

.8 roughness

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 erosion period is February 15 to May 15.

Irrigated Cropland Alternative

Alternative 1: Corn - 3 years, Alfalfa - 8 years, Small grains - 1 year

Minimum Crop Residue Amounts: corn -1600 pounds
 alfalfa - 200 pounds
 small grain - 200 pounds flat residue

Alternative 2: Alfalfa - 5 years, Small grains - 2 years.

alfalfa - 200 pounds
small grain - 200 pounds flat

Alternative 3: Any rotation with comparable levels of protection.

MANAGEMENT REQUIREMENTS:

Alfalfa - Leave the minimum specified amounts of residue during the
blow season.

Corn - Leave the minimum specified amounts of residue
on the soil surface until April 1 or as near
planting time as possible, which ever is later.

Small Grains - Leave the minimum specified amounts of small grain
residue or growing small grain residue during February
15 to May 15.

Joe Jagusz Jr
SWCD Approval

July 20, 1988
Date

Billy L. Peterson
District Conservationist

July 20, 1988
Date

Luzon Hecker, acting
Area Conservationist

July 28, 1988
Date

Ray Margop.
State Conservationist

9/12/88
Date

Alternative 4: Corn - 2 years, Small grains - 1 year, Vegetables - 1 year, Small grains - 1 year, Vegetables - 2 year, Small grains - 1 year

Minimum Crop Residue Amounts: corn - 1600 pounds
small grains - 450 pounds flat residue
vegetables - 1600 pounds flat residue

Alternative 5: Any rotation with comparable levels of protection.

MANAGEMENT REQUIREMENTS:

Alfalfa - Leave the minimum specified amounts of residue during

February 15 to May 15.

Vegetables- (Onion, Potatoes, Melens and Beans) will be followed by a cover crop to attain the required residue.

Corn and vegetables - Leave the minimum specified amounts of residue on the soil surface until April 1 or as near planting time as possible.

Small grains - Leave the minimum specified amounts of small grain residue or growing small grain during February 15 to May 15.

All substitutions are allowed if minimum residue amounts are maintained.

Joe Jaguszak
SWCD Approval

July 20, 1988
Date

Billy L. Peterson
District Conservationist

July 20, 1988
Date

Lucy Hocken, actus
Area Conservationist

July 28, 88
Date

Ray Margop.
State Conservationist

9/13/88
Date