
APPENDIX G: RECOMMENDATIONS OF THE UC COOPERATIVE EXTENSION

Potential BMPs for silt reduction in Imperial Valley drains, New River, & Alamo River

Compiled by UCCE-Imperial County (Bali & Guerrero)

Polyacrylamide (PAM)

Publications:

- Polymers check furrow erosion, help river life. *California Agriculture*. 1993.
- Other scientific publications available.

Runoff reduction & irrigation management

Publications:

- Field evaluation helps calculate irrigation time for cracking clay soils. *California Agriculture* 1994.
- Other scientific publications available.

Filter strips/grass waterways

Publication:

- BMPs for water quality- CTIC-National Association of Conservation Districts

Irrigation management (irrigation scheduling, CIMIS, etc)

Publication:

- Water Conservation: The Potential-UCCE

Runoff recovery systems, drop boxes, & economic incentives to reduce runoff

- IID

Pressurized irrigation systems (Drip, Sprinklers, etc)

Publications:

- Low-Volume irrigation- UCCE
- Drip irrigation for row crops- UCCE
- Micro-irrigation of trees and vines- UCCE

Surge irrigation

Publication:

- Surge Irrigation: A handbook for water management- UCCE

Conservation tillage practices

Publication:

- Sediments and water quality-UCCE

Design & management of surface irrigation (basin, furrow, border)

- Surface irrigation-UCCE
- BORDER-USDA-ARS
- BASIN-USDA-ARS

Field practices to reduce runoff (furrow dikes, cross-checks in border strips, land leveling, etc.)

Information about sediments and water quality:

Sediments and Water Quality (slide set & video)- UCCE

Outlines practices for controlling erosion, including conservation cropping, conservation tillage, the use of cover crops, and irrigation management. Also outlines practices for controlling sediments

UCCE Publications website: <http://danr.ucop.edu/publications.htm>