United States Department of Agriculture
Natural Resources Conservation Service
760 South Broadway Phone: 785-823-4500
Salina, KS 67401-4642 FAX: 785-823-4540

February 7, 2000

NATIONAL ENGINEERING HANDBOOK
PART 652 - IRRIGATION GUIDE (IG)
210-VI-AMENDMENT KS2

SUBJECT: Chapters 2, 3, and 4

Purpose. To transmit new and revised pages for the subject chapters

Effective Date. Upon receipt

Attached are revised pages for Chapter 2 and new pages to be inserted at the end of Chapters 3 and 4. Vertical lines are shown on the pages in Chapter 2 to indicate revisions.

In the Kansas Irrigation Guide, please remove and destroy the entire Chapter 2 - Crops. We recommend that you retain a copy of this notice in your Kansas Irrigation Guide in place of this chapter for a reference as to where this information is now located.

Please record this amendment on the Kansas tabulation sheet.

Filing Instructions

Remove and Destroy:	Insert:
Pages KS2-7 and 2-8 dated 12/99	Pages KS2-7 dated 12/99 and KS2-8 dated Feb. 2000
Pages KS2-11 and 2-12 dated12/99	Pages KS2-11 dated 12/99 and KS2-12 dated Feb. 2000
None	Page KS3-1 dated Feb. 2000 at the end of Chapter 3
None	Pages KS4-1 to KS4-21 dated Feb. 2000 at the end of Chapter 4

TOMAS M. DOMINGUEZ ACTING FOR
State Conservationist

Exhibit 4
Klocke 2/14/02
Patterson Reporting & Video

Attachments

A
ENG(A)
F

WP
PMC

Gardner, Lincoln
Kersenbrock, Colby GWMD

SOIL SURVEY 1899 1999 CENTENNIAL

The Natural Resources Conservation Service works hand-in-hand with the American people to conserve natural resources on private lands.

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Table KS4-2 (continued) Seasonal Net Irrigation Requirements (Inches)
50 Percent Chance Rainfall

County	Alfalfa	Corn	Sorghum	Grass	Wheat	Soybeans	S. Beets
Republic	16.1	10.0	7.4	14.2	5.7	6.4	--
Rice	18.4	11.5	9.1	16.5	7.0	8.2	--
Riley	13.7	8.5	6.0	11.7	3.8	4.9	--
Rooks	19.5	12.0	10.0	17.6	7.9	9.1	--
Rush	20.3	12.6	10.4	18.3	8.5	9.6	--
Russell	18.6	11.3	9.4	16.9	7.5	8.5	--
Saline	17.1	10.8	8.3	15.1	6.1	7.3	--
Scott	22.5	14.0	12.2	20.5	10.1	11.3	18.1
Sedgwick	16.3	10.7	7.7	14.4	5.4	6.6	--
Seward	23.5	14.5	12.8	21.3	10.9	11.9	18.7
Shawnee	12.2	7.4	4.9	10.4	2.4	4.0	--
Sheridan	21.0	12.9	11.0	19.0	9.1	10.2	17.3
Sherman	22.8	14.1	12.3	20.7	10.4	11.6	18.4
Smith	18.4	11.4	9.2	16.6	7.3	8.2	--
Stafford	19.7	12.3	10.2	17.7	7.8	9.3	--
Stanton	25.0	15.6	13.7	22.7	12.1	12.9	20.0
Stevens	23.9	14.8	12.9	21.7	11.4	12.1	18.9
Sumner	15.9	10.3	7.4	13.8	4.8	6.3	--
Thomas	21.9	13.5	11.7	19.7	9.6	10.9	17.6
Trego	20.8	12.9	11.0	18.8	8.8	10.1	16.7
Wabaunsee	12.3	7.8	5.0	10.5	2.5	3.9	--
Wallace	23.0	14.3	12.5	20.8	10.4	11.8	18.5
Washington	15.1	9.2	6.8	13.1	5.0	5.7	--
Wichita	23.1	14.4	12.5	21.0	10.5	11.8	18.5
Wilson	12.0	8.0	5.1	10.1	1.9	3.9	--
Woodson	11.3	7.4	4.5	9.4	1.4	3.3	--
Wyandotte	11.1	7.0	4.1	9.2	1.3	3.1	--