

ZONE 102A

SINGLE YEAR C VALUE

CROP SEQUENCE	PLOW TILLAGE		SPRING MULCH TILLAGE					RIDGE TILL			NO - TILLAGE						
	FP	SP	<10	10	20	30	40	50	60	cover	C	<10	50	60	70	80	90
			% cover														
Corn Grain																	
125 bu																	
AFTER:																	
Corn, Grain X	0.15	-	-	-	-	-	0.06	0.05	-	-	-	-	-	-	-	-	0.01
Corn, Silage X	0.29	-	-	-	-	-	0.18	0.16	0.14	0.11	-	-	-	-	-	-	-
18 ton																	
Field Beans X	0.28	0.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potatoes, Early X	0.26	0.23	0.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FP - Fall Plow
% cover - per cent residue cover immediately after planting
C - Cover Management Factor for a single year in a 2 year rotation
y-1 one year after alfalfa or meadow
X - Rye cover

ZONE 102A
SINGLE YEAR 'C' VALUE

CROP SEQUENCE	PLOW TILLAGE		FALL MULCH TILLAGE					* SPRING MULCH TILLAGE					RIDGE TILL					NO - TILLAGE				
	FP	SP	<10	10	20	30	40	50	60	>60	<10	10	20	30	40	50	60	70	80	90		
AFTER:																						
Alfalfa y1	0.19	0.14	0.18	0.16	-																	
			.12*	.12*	.10*																	
Corn Silage y2	0.42	0.38	0.41																			
			.38*																			
Corn, Silage y3	0.45	0.43	0.45																			
			0.44																			
Corn, Grain 80 bu	0.31	0.25		0.22	0.18	0.17																
				.20*	.17*	.12*	.10*	.09*														
Oats 50 bu	0.37	0.28			0.19	0.15																
					.17*	.14*	.11*	.06*														
Wheat	0.3	0.23			0.15	0.12	0.09															
					.13*	.10*	.08*															

FP - Fall Plow SP - Spring Plow
* Fall mulch tillage top number. Spring mulch tillage bottom number
% cover - per cent residue cover immediately after planting
C - Cover Management Factor for a single year in a 2 year rotation
y-1 one year after alfalfa or meadow

ZONE 102A

SINGLE YEAR 'C' VALUE

CROP SEQUENCE	PLOW TILLAGE		FALL MULCH TILLAGE * SPRING MULCH TILLAGE % cover					RIDGE TILL % cover			NO-TILLAGE % cover								
	FP	SP	<10	10	20	30	40	50	60	<10	10	20	30	40	50	60	70	80	90
CORN SILAGE																			
YIELD																			
AFTER:																			
Alfalfa	0.16	0.12	0.15	0.14													0.08		
				.10*	.09*														
Com Silage	0.36	0.32	0.35																
20 ton			.32*																
Com, Silage y3	0.39	0.36	0.37																
20 ton			.37*																
Com, Grain	0.24	0.2		0.18	0.14	0.12													
80 bu				.15*	.13*	.10*	.08*	.06*											
Oats 50 bu	0.31	0.23			0.16	0.12	0.1												
					.13*	.11*	.09*												
Wheat	0.25	0.18			0.13	0.1	0.08												
					.10*	.08*	.06*	.05*											

FP - Fall Plow SP - Spring Plow
* Fall mulch tillage top number. Spring mulch tillage bottom number
% cover - per cent residue cover immediately after planting
C - Cover Management Factor for a single year in a 2 year rotation
y-1 one year after alfalfa or meadow

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ZONE 102A

SINGLE YEAR 'C' VALUE

CROP SEQUENCE	PLOW TILLAGE		SPRING MULCH TILLAGE			RIDGE TILL		NO - TILLAGE													
	FP	SP	<10	10	20	30	40	50	60	cover	C	<10	10	20	30	40	60	70	80	90	
Com, Silage																					
13 tons																					
AFTER:																					
Com, Silage X				0.43																	

FP - Fall Plow
% cover - per cent residue cover immediately after planting
C - Cover Management Factor for a single year in a 2 year rotation
y-1 one year after alfalfa or meadow
X - Rye Cover Crop

(Notice 119, 3/96)

102ACSX13

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ZONE 102A

SINGLE YEAR 'C' VALUE

CROP SEQUENCE	PLOW TILLAGE		SPRING MULCH TILLAGE			RIDGE TILL		NO - TILLAGE													
	FP	SP	<10	10	20	30	40	50	60	cover	C	<10	10	20	30	40	60	70	80	90	
Com, Silage																					
16 tons																					
AFTER:																					
Com, Silage X				0.38																	

FP - Fall Plow
% cover - per cent residue cover immediately after planting
C - Cover Management Factor for a single year in a 2 year rotation
y-1 one year after alfalfa or meadow
X - Rye Cover Crop

(Notice 119, 3/96)

102ACSX16

ZONE 102A

SINGLE YEAR C VALUE

CROP SEQUENCE	PLOW TILLAGE		SPRING MULCH TILLAGE					RIDGE TILL		NO-TILLAGE											
	FP	SP	<10	10	20	30	40	50	60	cover	C	<10	10	20	30	40	60	70	80	90	
Corn Silage																					
20 tons																					
AFTER:																					
Com. Silage X	0.32	-	0.25	0.22	-							0.15	-	-	0.17	0.14					

FP - Fall Plow SP - Spring Plow
% cover - per cent residue cover immediately after planting
C - Cover Management Factor for a single year in a 2 year rotation
y-1 one year after alfalfa or meadow
X - Rye Cover Crop

ZONE 102A

SINGLE YEAR 'C' VALUE

CROP SEQUENCE	PLOW TILLAGE		FALL MULCH TILLAGE + SPRING MULCH TILLAGE				RIDGE TILL		NO - TILLAGE												
	FP	SP	<10	10	20	30	40	50	60	cover	C	<10	10	20	30	40	60	70	80	90	
DRY BEANS																					
YIELD																					
AFTER:																					
Oats		0.32																			
				.24*		.19*							0.04		0.03		0.02				
Wheat	0.33	0.22			0.19	0.15	0.11														
				.16*	.13*	.08*															

FP - Fall Plow SP - Spring Plow
 * Fall mulch tillage top number. Spring mulch tillage bottom number
 % cover - per cent residue cover immediately after planting
 C - Cover Management Factor for a single year in a 2 year rotation
 y-1 one year after alfalfa or meadow

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ZONE 102A

SINGLE YEAR 'C' VALUE

CROP SEQUENCE	PLOW TILLAGE		SPRING MULCH TILLAGE					RIDGE TILL		NO - TILLAGE							
	FP	SP	<10	10	20	30	40	50	60	cover	C	<10	50	60	70	80	90
Com Grain X 100 bu																	
AFTER:																	
Alfalfa																	
Corn, Grain 100 bu		0.13	-	-	-	-	0.09	0.07	-	-	-	-	-	-	-	0.02	-
Corn, Silage 16 ton		0.29	-	-	0.18	0.16	0.14	0.11	-	-	0.11	0.09	-	-	-	-	-
Field Beans		0.31	0.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potatoes, Early			0.3	0.27	0.24	-	-	-	-	-	-	0.08	0.07	-	-	-	-
Soys - 7in																	
Sugarbeets																	
Wheat																	

FP - Fall Plow
SP - Spring Plow
% cover - per cent residue cover immediately after planting
C - Cover Management Factor for a single year in a 2 year rotation
y-1 one year after alfalfa or meadow
X - Rye cover

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ZONE 102A

SINGLE YEAR C VALUE

CROP SEQUENCE	PLOW TILLAGE		FALL MULCH TILLAGE				SPRING MULCH TILLAGE				RIDGE TILL			NO - TILLAGE			
	FP	SP	<10	10	20	30	40	50	60	cover	C	<10	50	60	70	80	90
OATS																	
YIELD																	
AFTER:																	
Alfalfa	0.11	0.07		0.08	0.06	0.05											
			.06*									0.01					
Corn, Grain 100 bu	0.15	0.12			0.08	0.06	0.05	0.04									
					.07*	.05*	.04*										
Corn, Silage 16 ton	0.25	0.24	0.21	0.18								0.1		0.08	0.06		
			.20*	.16*													

FP - Fall Plow SP - Spring Plow
* Fall mulch tillage top number. Spring mulch tillage bottom number
% cover - per cent residue cover immediately after planting
C - Cover Management Factor for a single year in a 2 year rotation
y-1 one year after alfalfa or meadow

ZONE 102A

SINGLE YEAR 'C' VALUE

CROP SEQUENCE	PLOW TILLAGE		FALL MULCH TILLAGE				* SPRING MULCH TILLAGE				RIDGE TILL		NO - TILLAGE				
	FP	SP	<10	10	20	30	40	50	60	cover	C	<10	50	60	70	80	90
POTATO																	
YIELD																	
AFTER:																	
Alfalfa																	
Corn, Grain 100 bu	0.28		0.19	0.16	-	.13*	.11*	.10*									
Wheat	0.24	0.19	0.17	0.14	0.11	0.09	.08*							0.11	0.09	-	-

FP - Fall Plow SP - Spring Plow
* Fall mulch tillage top number. Spring mulch tillage bottom number
% cover - per cent residue cover immediately after planting
C - Cover Management Factor for a single year in a 2 year rotation
y-1 one year after alfalfa or meadow

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ZONE 102A

SINGLE YEAR 'C' VALUE

CROP SEQUENCE	PLOW TILLAGE		FALL MULCH TILLAGE					NO-TILLAGE					
	FP	<10	10	20	30	40	50	60	<10	10	20	30	40
WHEAT													
YIELD													
AFTER:													
16 ton													
Dry beans 16 cwt.	0.12		0.08		0.06							0.04	0.03
Potato, Early 320 cwt.	0.13	0.1	0.09						0.02				

FP - Fall Plow SP - Spring Plow
 * Fall mulch tillage top number. Spring mulch tillage bottom number
 % cover - per cent residue cover immediately after planting
 C - Cover Management Factor for a single year in a 2 year rotation
 y-1 one year after alfalfa or meadow

CROP SEQUENCE

CROP SEQUENCE	PLOW TILLAGE	FALL MULCH TILLAGE % cover					NO - TILLAGE % cover						
		FP	SP	<10	10	20	30	40	50	60	70	80	90
ALFALFA													
3 ton													
AFTER:													
Alfalfa seeding	0.17	0.08	0.15	0.14									
year			.07*	.06*									
Alfalfa													
yr2			0.026										
yr3			0.014										
yr4			0.008										
yr5			0.006										
Corn, Grain	0.05					0.03	0.02	0.01					
Corn, Silage	0.3	0.29	0.28										
			.28*										
Cucumbers	0.28	0.31											
Dry beans (snap beans)	0.25	0.23	0.26										
			.22*										
Oats	0.26	0.18	0.2	0.16									
			0.15	.13*									
Potato, early	0.46	0.46	0.46										
			.45*										
Potato, late	0.35	0.34	0.34										
			.34*										
Soys - 30in	0.08												
Soys - 7in	0.12					0.04	0.03	0.02	0.01				
			0.06										
Sugarbeets	0.32	0.31											
			0.31										
			.30*										
Wheat spring seed	0.22	0.16											
			0.15										
			.11*										
Wheat summer seed	0.18	-	0.15	0.13									

FP - Fall Plow SP - Spring Plow % cover- per cent residue cover immediately after planting
 Fall mulch tillage top number. C- Cover management factor for single year in a 2 year rotation
 Spring mulch tillage bottom number. y 1 - One year after alfalfa or meadow

ZONE 102B
SINGLE YEAR C VALUES

CROP SEQUENCE	SPRING MULCH TILLAGE				RIDGE TILL				NO - TILLAGE			
	FP	SP	<10	>10	FP	SP	<10	>10	FP	SP	<10	>10
Corn, Grain	0.21	0.17	0.13	0.08	0.06	0.05	0.05	0.03	0.06	0.05	0.03	0.07
150 bu.	0.12	0.1	0.08	0.06	0.05	0.05	0.05	0.03	0.06	0.05	0.03	0.07
AFTER:	0.26	-	0.17	0.15	0.13	0.1	0.1	0.1	0.11	0.09	0.09	0.09
Cabbage X	0.36	0.31	0.27						0.18			
Corn, Grain X	0.36	0.31	0.29	0.27	-	-	-	-	0.15	-	-	-
Corn, Silage X	0.3	0.25	-						0.15	-	-	-
Cucumber X	0.22	-	0.16	-					0.09	-	-	-
Potatoes X	0.21	0.18	0.14	-					-	-	-	-
Snap Beans X	0.21	0.18	-	0.15	-	-	-	-	-	-	-	-
Soys - 30in X	0.24	0.24	-	0.17	-	-	-	-	0.13	-	-	-
Soys - 7in X												
Sugarbeets X												
Tomatoes X												

FP - Fall Plow
% cover- per cent residue cover immediately after planting
C - Cover management factor for single year in a 2 year rotation
y 1 - one year after alfalfa or meadow
X - Rye Cover

SINGLE YEAR 'C' VALUES

ZONE 102B

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CROP SEQUENCE

CROP SEQUENCE	FALL MULCH TILLAGE		* SPRING MULCH TILLAGE					RIDGE			NO - TILLAGE					STRIP				
	FP	SP	<10	10	20	30	40	50	60	cover	C	<10	50	10	60	70	80	90	TILL	%
CORN SILAGE	0.17	0.12	0.15	0.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 TON			.12*	.10*	.08*															
AFTER:																				
Alfalfa y1																				
Alfalfa	0.36	0.34	0.35									0.25								
y2			.33*																	
y3	0.38	0.37	0.37									0.33	0.4							
			.36*																	
Corn, Grain	0.26	0.23		0.17	0.15	0.12	-	-	-	0.15	-	-	-	-	-	-	-	-	-	50%-05
				-	.17*	.14*	.13*	.11*	.09*	50%	0.13	0.06	0.05	0.04	0.03	0.03	0.03	0.03	0.03	60%-05
Corn, Silage	0.37	0.36	0.35	-						2%	0.34	0.19	-	-	-	-	-	-	-	70%-04
			.35*																	4%-24
Cucumbers	0.49	0.47																		
Oats	0.32	0.25		-	0.16	0.13	0.11	-	-											
				-	.14*	.12*	.09*	-	-			0.05	0.04	0.03	-	-	-	-	-	
Soys - 30in	0.35	0.29	0.29	0.25												0.09	0.08			
			.26*	.23*																
Soys - 7in	0.34	0.28	0.3	0.26	-											0.09	0.08			
			.26*	.23*	-															
Snap beans	0.47	0.44																		
Wheat	0.26	0.2		-	0.12	0.1	0.08													
				-	.12*	.10*	.08*					0.03	0.02	-	-	-	-	-	-	

FP - Fall Plow SP - Spring Plow
 * Fall mulch tillage top number. Spring mulch tillage bottom number.
 % cover- per cent residue cover immediately after planting
 C - Cover management factor for single year in a 2 year rotation
 y 1 - One year after meadow or alfalfa

SINGLE YEAR C VALUES

ZONE 102B

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CROP SEQUENCE

CROP SEQUENCE	PLOW TILLAGE		FALL MULCH TILLAGE					* SPRING MULCH TILLAGE					RIDGE TILL			NO - TILLAGE			STRIP TILL						
	FP	SP	<10	10	20	30	40	50	60	cover	C	<10	50	60	70	80	90	C	<10	30	40	80	90	C	
DRY BEANS																									
20 cwt.																									
AFTER:																									
Alfalfa	0.23	0.21		0.16	0.14	0.11														0.03	0.03				
Corn, Grain				.16*	.13*	10*																			
Corn, Silage																									
Oats	0.31	0.25		0.19	0.15	0.12																			
Potato, late	0.52	0.51		.20*	.19*	.14*																			
Soys - 30in	0.4	0.32		0.35	0.3																0.07	0.06			
Soys - 7in	0.41	0.32		0.35	0.3																0.07	0.06			
Sugarbeet																									
Wheat	0.26																								

FP - Fall Plow SP - Spring Plow
 * Fall mulch tillage top number, Spring mulch tillage bottom number.
 % cover- per cent residue cover immediately after planting
 C - Cover management factor for single year in a 2 year rotation
 y 1 - One year after alfalfa or meadow

ZONE 102B

SINGLE YEAR 'C' VALUES

CROP SEQUENCE	PLOW				SPRING MULCH TILLAGE				RIDGE TILL			NO - TILLAGE										
	FP	SP	<10	10	20	30	40	50	60	% cover	C	<10	10	20	30	40	50	60	70	80	90	
===== AFTER:																						
===== Corn, Grain X		0.11				0.07	0.05	-	0.04													
===== Corn, Silage X		0.25			0.16	0.14	0.12	0.09	-													
===== Potatoes X		0.35	0.29	0.26	0.24	-																
===== Soys - 30in X		0.22	-	0.16	-																	
===== Soys - 7in X		0.21	0.17	0.14	-																	
===== Snap Beans X		0.3	0.25	-																		
===== Tomatoes X		0.24	0.24	-		0.16																

FP - Fall Plow SP - Spring Plow
% cover - per cent residue cover immediately after planting
C - Cover management factor for single year in a 2 year rotation
y 1 - one year after alfalfa or meadow
X - Rye cover crop

SINGLE YEAR C VALUE

ZONE 102B

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CROP SEQUENCE

CROP SEQUENCE	PLOW TILLAGE	FP	SP	<10	FALL MULCH TILLAGE				RIDGE TILL	STRIP - TILLAGE								
					10	20	30	40		<10	10	20	30	40				
					* SPRING MULCH TILLAGE					% cover								
					10	20	30	40	50	60	70	80	90	50	60	70	80	90
POTATO -Early																		
320 cwt																		
AFTER:																		
Alfalfa	0.09	0.05	0.07	0.06														
			.06*	.05*														
y1																		
	0.38	0.36	0.36															
y2			.36*															
Corn, Grain	0.28	0.25	0.23	0.21	0.09	0.08	0.06	-	-	-	-	-	0.06					
			.23*	.22*	.19*	.17*	.15*	-	-	-	-	-	-					
Corn, Silage																		
Oats	0.21	0.17		0.15	0.12								0.09					
				.14*	.12*								0.07					
Potato, Early	0.44	0.44	0.43															
			.44*															
Soys - 30in	0.23	0.22	0.19	0.18														
				.15**														
Soys - 7in	0.21																	
Sugarbeets	0.23	0.23	0.22															
			.22*															
Sunflowers	0.26	0.21																
Wheat	0.16	0.13	0.12	0.11	0.09								0.06					
			.12*	.11*	.09*								0.08					

FP - Fall Plow SP - Spring Plow
 * Fall mulch tillage top number. Spring mulch tillage bottom number.
 % cover- per cent residue cover immediately after planting
 C - Cover management factor for single year in a 2 year rotation
 y1 - One year after alfalfa or meadow

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ZONE 102B

SINGLE YEAR 'C' VALUES

CROP SEQUENCE	PLOW TILLAGE		FALL MULCH TILLAGE				RIDGE TILLAGE				STRIP - TILLAGE							
	FP	SP	<10	10	20	30	40	50	60	cover	C	<10	50	60	70	80	90	% cover - C
POTATO																		
450 cwt.																		
AFTER:																		
Alfalfa																		
Corn, Grain	0.23	0.2	0.19	0.17	-	-	-	0.14	0.13								0.23	
Sunflowers	0.21	0.17										0.2						

FP - Fall Plow SP - Spring Plow
 * Fall mulch tillage top number. Spring mulch tillage bottom number.
 % cover- per cent residue cover immediately after planting
 C - Cover management factor for single year in a 2 year rotation
 y 1 - one year after alfalfa or meadow

SINGLE YEAR 'C' VALUES
ZONE 102B

CROP SEQUENCE

CROP SEQUENCE	FALL MULCH TILLAGE		* SPRING MULCH TILLAGE		RIDGE TILL % cover	STRIP - TILLAGE % cover						
	FP	SP	10	20		30	40	50	60	70	80	90
POTATO, Late	0.19	0.11	0.16	0.14	0.12							
200 cwt.			.11*	.10*								
AFTER:												
Alfalfa	0.47	0.45	0.45	0.44								
Potato after Alfalfa			.44*	.44*								
Corn, Grain 100 bu	0.34	0.28	0.25	0.23	0.2			0.25	0.23	0.2		
Dry beans	0.5		0.48									
			.49*									
Oats	0.4	0.33	0.33	0.3	0.25			0.15	0.12	0.24	0.21	
Potato, late	0.52	0.51	0.3	.28*	.24*							
Soys - 30in			0.49	0.38	0.34			0.51				
Soys - 7in												
Sugarbeet	0.41	0.41	0.4									
W. Wheat			0.28	0.26	0.23	0.2						
			.24*	.22*	.19*							

FP - Fall Plow SP - Spring Plow
* Fall mulch tillage top number. Spring mulch tillage bottom number.
% cover- per cent residue cover immediately after planting
(- Cover management factor for single year in a 2 year rotation
y 1 - One year after alfalfa or meadow

SINGLE YEAR 'C' VALUES
ZONE 102B

CROP SEQUENCE	PLOW TILLAGE		FALL MULCH TILLAGE					* SPRING MULCH TILLAGE					RIDGE TILL			STRIP - TILLAGE				
	FP	SP	<10	10	20	30	40	50	60	cover	C	%	<10	50	60	70	80	90	% cover	
POTATO, Late																				
320 cwt.																				
AFTER:																				
Alfalfa	0.16	0.08		0.12																
				.08*																
Alfalfa	0.4	0.37		0.38																
				.37*																
Corn, Grain	0.23	0.18		0.13	0.11	0.09	0.07	-												
				.13*	.11*															
Dry beans	0.42	0.41	0.41																	
				.41*																
Oats	0.18	0.2		0.16																
				.14*																
Potato	0.44	0.43	0.43																	
				.42*																
Soys - 30in	0.34	0.25		0.25																
				.21*																
Soys - 7in	0.31	0.24		0.24																
				.20*																
Sugarbeet	0.33	0.32		0.31																
W. Wheat	0.23	0.18		0.14																
				.13*																

FP - Fall Plow SP - Spring Plow
* Fall mulch tillage top number. Spring mulch tillage bottom number.
% cover- per cent residue cover immediately after planting
C - Cover management factor for single year in a 2 year rotation
} 1 - One year after alfalfa or meadow

ZONE 102B

SINGLE YEAR 'C' VALUES

CROP SEQUENCE

CROP SEQUENCE	PLOW TILLAGE		FALL MULCH TILLAGE				RIDGE TILL				STRIP - TILLAGE					
	FP	SP	<10	10	20	30	40	50	60	cover	C	<10	10	20	30	40
POTATO, LATE																
450 cwt.																
AFTER:																
Alfalfa																
Corn, Grain	0.23	0.19	-	.15*	.12*	.10*	.09*				0.16	0.14	0.12			
Corn, Silage																
Field Beans																
Potatoes																
Soys - 30in																
Soys - 7in																
Sugarbeets																
W. Wheat																

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ZONE 102B

SINGLE YEAR 'C' VALUES

CROP SEQUENCE	FALL MULCH TILLAGE		* SPRING MULCH TILLAGE					RIDGE TILL		NO - TILLAGE					STRIP TILL								
	FP	SP	<10	10	20	30	40	50	60	cover	C	<10	50	10	20	30	40	60	70	80	90	% cover - C	
SOYS 30in																							
45 bu.																							
AFTER:																							
Alfalfa																							
Corn, Grain 150 bu	0.17	0.16		.10*	0.1	0.08	0.07	0.05															
Corn, Silage	0.35	0.33	0.33																				
Dry Beans	0.37	0.3	0.34	0.3																			
Oats		0.2	0.16	0.15	0.12																		
Potatoes	0.56	0.56	0.56																				
Soys - 30in	0.32	0.26	0.25	0.23	0.19	0.16																	
Soys - 7in			.21*	.20*	.17*	.15*																	
Sugarbeets																							
W. Wheat	0.19	0.19																					

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ZONE 102B

SINGLE YEAR 'C' VALUES

CROP SEQUENCE	PLOW TILLAGE		FALL MULCH TILLAGE			* SPRING MULCH TILLAGE			RIDGE TILL		NO - TILLAGE												
	FP	SP	<10	10	20	30	40	50	60	cover	C	<10	10	20	30	40	50	60	70	80	90		
SWEET CORN																							
100 cwt.																							
AFTER:																							
Cabbage	0.32	0.26																					
Corn, Grain																							
Corn, Silage																							
Field Beans																							
Potatoes																							
Soys - 30in																							
Soys - 7in																							
Sugarbeets																							
W. Wheat																							

FP - Fall Plow SP - Spring Plow PP - Plow Plant
 * Fall mulch tillage top number. Spring mulch tillage bottom number.
 % cover- per cent residue cover immediately after planting
 (- Cover management factor for single year in a 2 year rotation
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SINGLE YEAR 'C' VALUES
ZONE 102B

CROP SEQUENCE	PLOW TILLAGE		FALL MULCH TILLAGE				* SPRING MULCH TILLAGE				RIDGE TILL		NO-TILLAGE										
	FP	SP	<10	10	20	30	40	50	60	cover	<10	C	<10	10	20	30	40	50	60	70	80	90	
SOYS 7in																							
40 BU																							
AFTER:																							
Alfalfa																							
Corn, Grain	0.17	0.13	0.13	0.11	0.09	0.07	0.06																
Corn, Silage	0.3	0.29	0.29	.28*	.08*	.07*																	
Dry Beans	0.31		0.27	0.22																			
Oats	0.17	0.17	0.17																				
Potato, Early																							
Potato, Late			0.34	.34*																			
Soybeans - 30in																							
Sugarbeet	0.24	0.23	0.23	0.22																			
Wheat			0.13																				

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SINGLE YEAR 'C' VALUES

ZONE 102B

TECHNICAL GUIDE
SECTION I-C
State-wide
WATER-33WW.50

CROP SEQUENCE

CROP SEQUENCE	FALL MULCH TILLAGE					NO - TILLAGE				
	<10	10	20	30	40	50	60	70	80	90
WHEAT										
50 bu										
AFTER:										
Alfalfa	0.05	0.05					0.02	0.02		
Corn, Grain 125 bu	0.04	0.04	0.03	0.03	0.02	0.01		0.01	0.01	
Corn, Silage	0.09	0.07					0.03	0.02		
Cucumber	0.17							0.05	0.04	
Dry Beans		0.07	0.06							0.01
Potato, early	0.16					0.15	0.11			
Potato, late	0.11					0.08	0.06			
Snap beans	0.15							0.05	0.04	
Soys - 30in	0.06	0.06	0.05		0.02	0.01	0.01	0.01	0.008	
Soys - 7in	0.06	0.06	0.04	0.03	0.02	0.01	0.01	0.01	0.008	
Sugarbeet	0.06	0.05				0.06	0.05	0.04		

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