IMPLEMENTATION PROCEDURE

IDAHO - WASHINGTON COORDINATED

CONSERVATION TREATMENT AGREEMENT

Distribution of this procedure was delayed until the last 'round' over further reducing residue rates was ended. Some of you may have already begun to implement the procedure based on earlier direction, and meetings you had in the area. You should continue, integrating as much of this procedure as possible.

1. Soil Conservation District Concurrence. Review the agreement with your SCD and obtain their concurrence.

2. Inform the participant.

a. Send a letter to each participant explaining the situation. A sample is attached. Maintain a log of all participants who receive the letter.

b. Attach to the letter a copy of the agreement.

c. Inform the participant that the system defined in the agreement will replace all other planned tillage/residue practices included in his existing plan unless he responds in writing in 45 days. If no response is made with in 45 days, then the system defined in the agreement will become the participants planned practice in his/her compliance plan.

3. Update the plan. (if no response in 45 days).

There are two possibilities presented here. The first addresses the situation where revision efforts can not be coordinated with ASCS. The second addresses the situation where revision of the plans are coordinated with the ASCS sign-up period. Other alternatives are possible.

Alternative 1. Plan revision is not coordinated with ASCS.

1). Attach a copy of the letter provided to the participant in the case file.

2). Draw a line through the planned tillage or residue practices in the existing plan to show they no longer apply, initial and date.

Remember, the new practice does not meet national standards in all cases, therefore, simply changing the residue levels in the narrative is not acceptable. Do not vi the narrative for the existing practice in CAMPS to change the residue rates. If the participant intends to use the new system, then use the new narrative which does not tie to national standards.

3). Attach the description of the I/W system to the plan.

4). A CAMPS narrative for the I/W Coordinated Conservation Treatments practice (Practice code 211) will be written and installed in CAMPS in each office.

5). Access the participants plan in CAMPS, update it, and generate a new copy.

6). Place the old plan in a folder at the back of the file, or other wise show that it is no longer valid.

7). Keep the original signature sheet with the new plan, until a new sheet can be signed by the participant.

Alternative 2.

1). During the ASCS sign-up period, the participant could be sent to SCS after visiting ASCS. If a new plan has been generated, then the participant can sign it. If the new plan has not been generated, then the participant could review a description and a CPA-68 which has the I/W narrative displayed on it. See attached. Tract, field numbers, dates, amounts etc, would be inked onto the 68. Any other management or structural practices would be added to the plan. The participant would sign the signature sheet, and be provided with a copy of the plan, plan maps and the description. The participant would be told that following the sign-up period that the plans would be entered in CAMPS and a printed copy eventually provided.

Note: A copies of the CPA-68 with descriptions added are attached. You can use them or develop your own. If you develop your own, review the narrative with Glenn Shea.

4. Document Technical Guides:

a. Place a copy of the Idaho-Washington Coordinated Conservation Treatments description, and documentation of erosion rates provided, in Section III of the Technical Guide, ahead of the FSA Guidesheets.

5. Information and Education:

Use local news media to inform participants of the changes and what their responsibilities are. Several news articles will be provided to field offices to help in this effort. You are encouraged to develop your own articles as well.

FSA Erosion Evaluation
for
Idaho-Washington Coordinated Conservation Treatments
Rainfed Cropland - Area I, Idaho

T.U. Alternative		T	R	K	LS	C	P	Erosion Rate T/Ac/Yr
1. Camas & Nez Perce Prairie Nez Perce Silt Loam, 7-12% (use 9%) Wheat, Sp. Barley, Winter Peas NOTE: Present Tillage = Conservation		5	69	.37	1.60	.35	1.00	14
1/ ATS after peas, CT after wheat	1/ CT					.16	1.00	7
	1/ CT + CF					.16	.75	5
	1/ CT + SC					.16	.60	4
	NT W/P + CF					.11	.75	3
* 600 lbs. after barley	*WB + CT					.15	1.00	6
	*WB + CT + CF					.15	.75	5
	*WB + CT + SC					.15	.60	4
2. Camas & Nez Perce Prairie Nez Perce Silt Loam, 12-25% (use 18%) Wheat, Sp. Barley, Winter Peas NOTE: Present tillage = conservation tillage		5	69	.37	2.65	.35	1.00	24
1/ ATS after peas, cons till after wheat	1/ CT					.16	1.00	11
	1/ CT + CF					.16	.90	10
	1/ CT + SC					.16	.80	9
	NT W/P + CF					.11	.90	7
* 600 lbs. after barley	*WB + CT					.15	1.00	10
	*WB + CT + CF					.15	.90	9
	*WB + CT + SC					.15	.80	8

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Appendix IIA
IDAHO
FOTG
Section III
09/93

T.U. Alternative	T	R	K	LS	C	P	Erosion Rate T/Ac/Yr
3. Dry Prairie Endicott Silt Loam, 1-6% (use 4%) Wheat, Summer Fallow NOTE: Present Tillage = Conventional w/300 lbs.	2	36	.43	1.49	.37	1.00	9
1/ With W/I Agreement 1400 lbs 1st winter, 550 after planting							
	1/ WF				.17		3.9
	1/ WF + CF				.17	.65	2.5
	1/ WF + SC				.17	.50	2.0
	Chem F + NT				.10		2.3
	Chem F + NT + CF				.10	.65	1.5
	Chem F + NT + SC				.10	.50	1.2

When an approved tillage system is used, the system and residue cover will approximate:

Crop yield = 30 bu. x 100 lbs straw/bu. =		3000 lbs.	straw
Fall chisel or harrow =	.7 remaining =	2100 lbs.	first winter
Spring sweep =	.8 remaining =	1680 lbs.	
Rodweed	.75 remaining =	1260 lbs.	
Rodweed	.75 remaining =	945 lbs.	
Rodweed	.75 remaining =	708 lbs.	
Drill	.90 remaining =	637 lbs.	

James B. Sha
9/13/93

Approved tillage systems with less than 2100 lbs. the first winter after harvest, and 637 lbs. after planting, should be checked for excessive or inappropriate tillage.

FSA Erosion Evaluation
for
Idaho-Washington Coordinated Conservation Treatments
Rainfed Cropland - Area I, Idaho

T.U. Alternative		T	R	K	LS	C	P	Erosion Rate T/Ac/Yr
5. Palouse Prairie Palouse Silt Loam, 7-15% (use 11%) Wheat, Pea NOTE: Present tillage = Conventional		5	63	.32	2.16	.4	1.00	14
1/ ATS after peas, CT after wheat * 600 lbs. after barley	1/ ATS					.16	1.00	7
	1/ ATS + CF					.16	.75	5
	1/ ATS + CF + SC					.16	.60	4
	NT W/P + CF					.11	.75	4
	1/ * WBP+ ATS					.18	1.00	8
	1/ * WBP + ATS + CF					.18	.75	6
	1/ * WBP + ATS + SC					.18	.60	5
6. Palouse Prairie Palouse Silt Loam, 15-25% (use 20%) Wheat, Pea NOTE: Present tillage = Conventional		5	63	.32	2.84	1.40	1.00	22
1/ ATS after peas, CT after wheat * 600 lbs. after barley	1/ ATS					.16	1.00	9
	1/ ATS + CF					.16	.90	8
	1/ ATS + CF + SC					.16	.90	7
	NT W/P + CF					.11	.90	6
	1/ * WBP + ATS					.18	1.00	10
	1/ * WBP + ATS + CF					.18	.90	9
	1/ * WBP + ATS + CS					.18	.80	8

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T. U. Alternative		T	R	K	LS	C	P	Erosion Rate T/Ac/Yr
7. Palouse Prairie								
Palouse Silt Loam, 25-40% (use 32%)								
Wheat, Pea								
NOTE: Present tillage = Conventional		5	63	.32	3.30	.40	1.00	31
1/ ATS after peas, CT after wheat	1/ ATS					.16	1.00	11
	1/ ATS + CF					.16	.95	10
	1/ ATS + SC					.16	.85	9
* 600 lbs. after barley	NT W/P + CF					.11	.95	7
	1/* WBP + ATS					.18	1.00	12
	1/* WBP + ATS + CF					.18	.95	11
	1/* WBP + ATS + CS					.18	.85	10
8. Transition								
Southwick Silt Loam, (Eroded) 7-12% (use 9%)								
Wheat Pea								
NOTE: Present tillage = Conventional		5	67	.43	1.53	.40	1.00	18
1/ ATS after peas, CT after wheat	1/ ATS					.16	1.00	7
	1/ ATS + CF					.16	.75	5
	1/ ATS + SC					.16	.60	4
* 600 lbs. after barley	NT WP + CF					.11	.75	4
	1/ * WBP + ATS					.18	1.00	8
	1/ * WBP + ATS + CF					.18	.75	6
	1/ * WBP + ATS + SC					.18	.60	5
	1/ WP - Grass ATS					.12	1.00	5
	1/ WP - Grass ATS + CF					.12	.60	3
	1/ WP - Grass ATS + CS					.12	.45	2

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T.U. Alternative			T	R	K	LS	C	P	Erosion Rate T/Ac/Yr
9. Transition Southwick Silt Loam, (Eroded) 12-25% (use 18%) Wheat, Pea NOTE: Present Tillage = Conventional			5	67	.43	2.65	.40	1.00	31
1/ ATS after peas, CT after wheat	1/	ATS					.16	1.00	9
	1/	ATS + CF					.16	.90	8
	1/	ATS + SC					.16	.80	7
* 600 lbs. after barley		NT WIP + CF					.11	.90	7
	1/ *	WBP + ATS					.18	1.00	14
	1/ *	WBP + ATS + CF					.18	.90	12
	1/ *	WBP + ATS + SC					.18	.80	11
	1/	WP - Grass + ATS					.12	1.00	9
	1/	WP - Grass + ATS + CF					.12	.80	7
	1/	WP - Grass + ATS + SC					.12	.60	5

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T.U. Alternative			T	R	K	LS	C	P	Erosion Rate T/Ac/Yr
10. Cut-over Taney Silt Loam, 3-10% (use 7%) Wheat, Pea NOTE: Present tillage = Conventional			3	68	.49	1.56	.40	1.00	21
1/ ATS after peas, CT after wheat	1/	ATS					.16	1.00	8
	1/	ATS + CF					.16	.65	5
	1/	ATS + SC					.16	.50	4
* 600 lbs. after barley		NT W/P + CF					.11	.65	4
	1/ *	WBP + ATS					.18	1.00	9
	1/ *	WBP + ATS + CF					.18	.65	6
	1/ *	WBP + ATS + SC					.18	.50	4
	1/	WP - Grass ATS					.12	1.00	6
	1/	WP - Grass ATS + CF					.12	.50	3
	1/	WP - Grass ATS + SC					.12	.38	2

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T.U.	Alternative		T	R	K	LS	C	P	Erosion Rate T/Ac/Yr
11.	Cut-over Taney Silt Loam, 10-15% (use 12%) Wheat, Pea NOTE: Present tillage = Conventional		3	68	.49	2.02	.4	1.00	27
	1/ ATS after peas, CT after wheat	1/ ATS					.16	1.00	11
		1/ ATS + CF					.16	.75	8
		1/ ATS + SC					.16	.60	6
	* 600 lbs. after barley	NT W/P + ATS + CF					.11	.75	6
		1/ * WBP + ATS					.18	1.00	12
		1/ * WBP + ATS + CF					.18	.75	9
		1/ * WBP + ATS + SC					.18	.60	7
		1/ * WP - Grass + ATS					.12	1.00	8
		1/ * WP - Grass + ATS + CF					.12	.60	5
		1/ * WP - Grass + ATS + SC					.12	.45	4

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T.U.	Alternative			T	R	K	LS	C	P	Erosion Rate T/Ac/Yr
12.	Cut-over Taney Silt Loam, 15-20% (use 18%) Wheat, Pea NOTE: Present tillage = Conventional			3	68	.49	2.65	.4	1.00	35
	1/ ATS after peas, CT after wheat	1/	ATS					.16	1.00	14
		1/	ATS + CF					.16	.90	13
		1/	ATS + SC					.16	.80	11
	* 600 lbs. after barley		NT W/P + ATS + CF					.11	.90	9
		1/ *	WBP + ATS					.18	1.00	16
		1/ *	WBP + ATS + CF					.18	.90	14
		1/ *	WBP + ATS + SC					.18	.80	13
		1/	WP - Grass + ATS					.12	1.00	11
		1/	WP - Grass + ATS + CF					.12	.80	9
		1/	WP - Grass + ATS + SC					.12	.60	7

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T.U.	Alternative		T	R	K	LS	C	P	Erosion Rate T/Ac/Yr
13.	High Precip. Cut-over Santa Silt Loam, 2-10% (use 8%) Wheat, Lentil NOTE: Present tillage = Conventional		3	70	.55	1.53	4.0	1.00	24
	1/ ATS after lentils, CT after wheat	1/ ATS					.16	1.00	9
		1/ ATS + CF					.16	.65	6
		1/ ATS + SC					.16	.50	5
	* 600 lbs. after barley	NT W/P + CF					.11	.65	4
		1/ * WBL + ATS					.18	1.00	11
		1/ * WBL + ATS + CF					.18	.65	7
		1/ * WBL + ATS + SC					.18	.50	6
		1/ WL - Grass + ATS					.14	1.00	8
		1/ WL - Grass + ATS + CF					.14	.50	4
		1/ WL - Grass + ATS + SC					.14	.38	3

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T.U. Alternative			T	R	K	LS	C	P	Erosion Rate T/Ac/Yr
14. High Precip. Cut-over Santa Silt Loam, 10-20% (use 16%) Wheat, Lentil NOTE: Present tillage = Conventional			3	70	.55	2.45	4.00	1.00	38
1/ ATS after lentils, CT after wheat	1/	ATS					.16	1.00	15
	1/	ATS + CF					.16	.85	13
	1/	ATS + SC					.16	.70	11
* 600 lbs. after barley		NT WL + CF					.11	.85	9
	1/ *	WBL + ATS					.18	1.00	17
	1/ *	WBL + ATS + CF					.18	.85	14
	1/ *	WBL + ATS + SC					.18	.70	12
	1/	WL - Grass + ATS					.14	1.00	13
	1/	WL - Grass + ATS + CF					.14	.70	9
	1/	WL - Grass + ATS + SC					.14	.52	7

CT = Conservation Tillage
CF = Contour Farming
SC = Strip Cropping
NT = No till
ATS = Approved Tillage System, Idaho-Washington FSA Correlation
WB = Wheat Barley Rotation
WP = Wheat Pea Rotation
WBP = Wheat Barley Pea Rotation
WL = Wheat Lentil Rotation
WBL - Wheat Barley Lentil Rotation
ChemF - Chemical Fallow

Treatment Units 5, 6, 7, 8, 9, 10, 11, 12, 13

Crop	Residue Requirements		Annual C
Wheat	1500		.07
Pea ATC	750		.24
Barley	500		.24
Lentils	500		.35
Grass	-	Estab. .51	.05

Rotation Rotation C

WP = .07 + .24 = 3 1/2 = .16

WBP = .07 + .24 + .24 = $\frac{55}{3}$ = .18

WL = .07 + .35 = $\frac{42}{2}$ = .21

WPG (6 yrs) .16 + $\frac{(.35 + (5x.02)}{6}$ = .16 + .08 = $\frac{24}{2}$ = .12

WLG (6 yrs.) = .21 + $\frac{(.35+ (5x.02)}{6}$ = .21 + .08 = $\frac{29}{2}$ = .14

1/ C factor data based on Idaho individual C factor chart in Tech Guide Sec. 1-c, dated 1991.

C Factor, Data for FSA
Idaho-Washington Correlation 1/

Treatment Units 1, 2

Crop	Residue Requirements	Annual C
Wheat	1500	.07
Barley	600	.22
Peas	1000	.18

Rotational C

$$WBP = .07 + .22 + 18 = \frac{.47}{3} = .16$$

$$WB = .07 + .22 = \frac{.29}{2} = .15$$

Treatment Units 3, 4

Crop	Residue Requirements	Annual C
Wheat	1500	.07
Fallow	550	.44

Rotational C

$$WF = .07 + .44 = \frac{.51}{2} = .26$$