#### UNITED STATES DEPARTMENT OF AGRICULTURE

Farm Service Agency Washington, DC 20250

Acreage and Compliance Determinations 2-CP (Revision 15)

Amendment 57

Approved by: Deputy Administrator, Farm Programs

Som Cl.

#### **Amendment Transmittal**

#### **A** Reasons for Amendment

Subparagraphs 394 A and B have been amended to:

- clarify how to determine acreage
- record the circumstances on CLU boundary changes.

Subparagraphs 421 K and L have been amended to provide clarification on updating GPS and digital camera software.

Subparagraph 461 A has been amended to provide instructions for completing the revised FSA-409.

Subparagraph 461 B has been amended to provide an example of a revised FSA-409 for measurement after planting for solid planting pattern.

Subparagraph 463 G has been amended to provide the procedure for staking and referencing using GPS.

Subparagraph 463 H has been amended to provide an example of the GPS Measurement Service Map Template.

Subparagraph 464 C has been amended to provide an example of a revised FSA-409 for measurement service after planting for skip row planting pattern.

Exhibit 10.5 has been amended to include new crops and new crop types.

# Amendment Transmittal (Continued)

Page Control Chart						
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#### **394** Evaluating and Using Acreages

#### A Reported Acreage

\*--When a producer reports changes in field boundaries, or acreage with no official acreage established, determine the acreage by either of the following:

- conducting ground measurement by field visit
- conducting ground measurement by digital imagery.

**Notes:** For counties that are CLU certified, digitize the new CLU boundary or modify the current CLU boundary using the CLU MT's Editing Tools.

If no imagery is available that reflects the current land use changes, and the County Office does **not** have the resources to go to the field, correct field boundaries based on what the producer reports. Validate field boundaries once the new imagery is received or when resources become available to do a field visit and correct, as appropriate.--\*

#### **B** Official Acreage

If official acreage has been established and recorded according to paragraph 497, establish that the crop is planted as previously delineated.

IF the crop is	THEN					
planted as	the reported acreage for the area is the official acreage minus any authorized					
delineated	deductions.					
<b>not</b> planted as delineated	•*correct CLU field boundaries using GPS points, digital imagery, or field measurements taken in the field					
	<b>Note:</b> Before digitizing or modifying the new CLU boundary, use the CLU MT's Acreage Toolbar and Measure Toolbar for better accuracy.					
	• record the circumstances on the boundary change on FSA-578, Remarks Section, and in the "Reason" drop-down box on the CLU Attribute Data Entry Screen					
	Note: Add additional remarks in the "Comments" box, if applicable.         Image: Comment:					

#### **394** Evaluating and Using Acreages (Continued)

#### **B** Official Acreage (Continued)

IF the crop is	THEN
not planted as	• decide whether the change occurred after official acreage was established
delineated	
(Continued)	• determine the crop acreage.

Note: If the producer relies on erroneous official acreage, see paragraph 396.

#### C Measurements by LA's for FSA

Use this table to determine when acreage measured by LA for a policy serviced by FSA shall be used as determined acreage.

WHEN measured acreage	THEN
includes the entire crop acreage reported on	enter LA's measured acreage as the
FSA-578	determined acreage on FSA-578.
includes only part of the crop acreage reported	do not enter any of the LA's
on FSA-578 and LA's measured acreage is	measurements as determined acreage.
within 5 percent of the reported acreage	
includes only part of the crop acreage and the	• enter LA's measured acreage as
difference between LA's measured acreage and	determined acreage on FSA-578
the reported acreage exceeds 5 percent	
	• determine the remaining acreage of
	the crop.
differs from the acreage previously determined	reconcile the differences.
by a County Office employee's spot check by	
more than 5 percent	

#### **D** Measurements by LA's for Reinsurance Companies

Use this table when LA measures acreage for a policy serviced by a reinsurance company.

WHEN the acreage measured by LA differs from the FSA-578 reported acreage	THEN
by more than tolerance	determine the acreage.
is within tolerance	use the acreage reported on FSA-578.

**Note:** Acreage determined by FSA shall always be used for program purposes.

#### **395** (Withdrawn--Amend. 41)

#### 421 Using Ground Compliance Equipment (Continued)

#### **K** Updating GPS Software

\*--All Garmin GPS software for XP workstation updates will be made available for download from the CCE web site on Team Services, which is only available to the ITS organization. If updated installations are needed, submit a Help Desk ticket.

Note: The ITS Resources CCE web site is http://servicecenter.kcc.usda.gov/Sfw\_a\_d.htm.

For software upgrades that require ITS assistance, the State GIS Specialist shall contact the State ITS Group Manager. The State ITS Group Manager shall direct the State ITS staff to upgrade all or specific workstations, as requested by the State GIS Specialist.

Software	Version	Procedure
<b>DNR</b> Garmin for	5.1.1	There is no software upgrade at this time. Version 5.3.2
XP Workstation		posted on the CCE web site is only for NRCS workstations
		because of NRCS' recent deployment to ArcGIS 9.2.
Garmin Map76	4.0	This is the current version for Garmin Map76 hand-held
Hand-Held Unit		unit.

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#### 421 Using Ground Compliance Equipment (Continued)

#### L Updating Digital Camera Software

\*--The State GIS Specialist shall:

- identify XP workstations required for any digital camera software upgrades or installations based on County Office need
- request, through the State ITS Group Manager, to upgrade or install digital camera software for County Office workstations.

Identified XP workstations shall be updated according to the following.

Brand of				
Camera	Software	Model	Version	Procedure
Kodak	Free softwa	re on PC		Kodak software is CCE approved. Continue to use
				this software for all required FSA activities.
Olympus	Camedia	2040	4.02	Upgrade to version 4.02 for both Olympus camera
	Master	4000	4.02	models. This version is available for download
				through the ITS Resources CCE web site at
				http://servicecenter.kcc.usda.gov/Sfw_a_d.htm.
				Version 4.1 is listed certified on the CCE web site;
				however, this version is currently unavailable for
				download.

- **Note:** If unspecified cameras are used, the State GIS Specialist shall contact Alison Lenz by either of the following to determine software updates on a case-by-case basis:
  - e-mail at **alison.lenz@wdc.usda.gov**
  - telephone at 202-720-6194.--\*

## 461 Completing FSA-409, Measurement Service Record

# A Completing FSA-409

Complete FSA-409 according to the following.

Item	Instructions
1	Enter FSN where the service will be performed.
2	Enter the applicable program year.
3	Enter the request number assigned by the County Office. Number the request serially by FY.
4	Enter the farm location by township, range, and section.
	Note: This is optional.
5A	Enter the producer's name and address, including ZIP Code.
5B	Enter the producer's telephone number, including Area Code.
6A	Enter the alternate contact's name and address, including ZIP Code, if applicat
6B	Enter the alternate contact's telephone number, including Area Code.
7	Check the applicable box or boxes. If "Measurement after Planting" or "Remeasurement" is selected, select either "Ground" or "NAIP". Note: Specify if other types of service are requested.
8	Enter the commodity or land use.
9	Enter the estimated total number of acres of the crop to be physically measured, minus internal deductions. See paragraph 393 for crops with strip-crop, skip-rov or sled-row planting patterns.
10	Enter the number of applicable bins or plots.
11	Enter the basic dollar rate for either of the following:
	• performing measurement service that includes farm visit according to subparagraph 460 A
	• performing measurement service with no farm visit according to subparagraph 460 C.
12A	Enter the total number of hours required to perform the service, including travel time.
	Enter the total hourly cost. Calculate by multiplying the number of hours in

## 461 Completing FSA-409, Measurement Service Record (Continued)

## A Completing FSA-409 (Continued)

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Item	Instructions					
13A	Enter the total round-trip mileage.					
13B	Enter the total mileage cost, if applicable. Calculate by multiplying the mileage in					
	item13A times the current mileage rate according to the latest applicable FI notice.					
	Note: If not applicable, ENTER "N/A".					
14	Enter the total sum of items 11, 12B, and 13B, if applicable.					
15A	The person requesting measurement service shall sign.					
15B	Enter the date ( <b>MM-DD-YYYY</b> ) the person making the request signed FSA-409.					
16A	Enter the amount of payment received for services requested.					
16B	The County Office employee recording/receiving payment for requested service shall sign.					
17A	For refunds only, check the applicable "YES" or "NO" box, which is to be					
	completed after the service is performed.					
	If a refund is: • due, sheek "VES" and complete items 17P through 17E					
	• due, check "YES" and complete items 17B through 17F					
17B	• <b>not</b> due, check "NO" and go to item 18A. Enter the crop or service for the refund.					
17B 17C	Enter the refund amount.					
17C 17D	Enter the check number.					
17D 17E	Enter the date ( <b>MM-DD-YYYY</b> ) of refund.					
17E 17F	The approving CED shall initial.					
171 18A	Enter special instructions for the person who will perform the service, if					
10/1	applicable.					
18B	Enter the name of the person who will perform the service.					
18C	Enter the date ( <b>MM-DD-YYYY</b> ) work is issued to the person who will perform					
	the service.					
18D	Enter the date ( <b>MM-DD-YYYY</b> ) the person performing the service returns the					
	measurement.					
18E	Enter the date ( <b>MM-DD-YYYY</b> ) measurement is mailed to the producer.					
	<b>Note:</b> Complete within 10 workdays after performing the service.					

## 461 Completing FSA-409, Measurement Service Record (Continued)

## A Completing FSA-409 (Continued)

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Item	Instructions
19	Enter the bin or tract number.
20	Enter the CLU number.
21	Enter the commodity or land use, including planting patterns or practices.
22	Enter the total acres or area measured for each CLU or subdivision.
23	Enter the deduction for each CLU or subdivision. See paragraph 392 for deductions.
24	Subtract the total deductions (item 23) from the gross acres (item 22) and enter the results in item 24.
25-29	Enter the name of the applicable crop in the space beneath items 25 through 29. Under each crop name, enter the applicable acreage.
30	Enter 1 letter for the method of measurement. Use either "M" or "O" as follows:
	• "M" for measured
	• "O" for official.
31	Enter the sum of measured acreage or production.
32	Enter the sum of official acreage.
33	Enter the sum of items 25 through 29.
34A	The employee performing the service shall sign.
34B	Enter the date ( <b>MM-DD-YYYY</b> ) the employee performing the service signed FSA-409.
35	Enter remarks, as applicable.

## 461 Completing FSA-409, Measurement Service Record (Continued)

## **B** Example of FSA-409

\*--The following is an example of a completed FSA-409 for measurement after planting for solid planting pattern.

		electronica								pproved -		
FSA-409 (06-13-08)         U.S. DEPARTMENT OF AGRICULTURE Farm Service Agency						1. FARM NUMBER         2. PROGRAM YEAR         3. REQUEST NUME           47         2008         13					т NUMBI 13	
						4. FARM		ON (OPTIC				
MEASUREMENT SERVICE RECORD								Sec. 204	,	es & Not	ble	
A. PRODU	ICER'S NA		DRESS (Including Zip Code)	1		6A. NAM	E AND A	DDRESS (	OF PERSO		NTACT	
lohn Doe									ne as Ite			
P.O. Box 2 Anywhere		1111						San	ie as ite	m əA		
			Area Code): (222) 111-55 T AND COST	555		6B. TELE	EPHONE	NO. (Inclue	ling Area	Code):		
		REQUEST	8. COMMODITY/LAND USE	9. NO. AC	RES 10.	NO. BINS/PI	LOTS					20.00
	ind Refere	nce er Planting	Cotton	50.0	)	1			11. BASI	CRATE:	\$	30.00
X Gr	round	e	Soybeans	50.0	)	1	124	. NO. of	2	12B. HO	URLY \$	32.0
Remea	AIP surement		Corn	75.0	)	1		HOURS:		- co	ST: "	
	round AIP		Watermelons	25.0	)	1	13/	. NO. of	24	13B. MIL	EAGE	N/A
Bins								MILEAGE:			ST: \$	
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/\$/ J01	III DOE									6/05/20	800	
. PAYMENT	RECEIVED	FOR SERVIC	RECEIPT CES REQUESTED		A. REFUN	ID	17.	FOR REF	B. NAM	IE OF CRC	P OR SE	RVICE
\$ 62.0						ES 🗌	NO	X		REFUND		
B. SIGNATURE OF COUNTY OFFICE EMPLOYEE					C. REFUND AMOUNT D. C			. CHECK NO. E. DATE F. APPROVAL (CED Initials)				
	m Doe				\$							
8A. SPECIA Call b			farm to schedule appoin	tmont								
8B. EMPLOY	•	ing out to			. DATE WO		1	8D. DATE V		URNED 1		
Tom S	Smith				(MM-DD-YYYY)			(MM-DD-YYYY)		(MM-DD-YYYY)		
		OF MEAS	UREMENT SERVICE PER	REORME		4/2008		Ut	6/16/200	18	06/	20/2008
19.					ES DETERN	AINED 24.	25.	CROP NAI	MES/ACRE 27.	S)BELOW:		30. 
BIN/TRACT NO.	20. CLU NO.	CON	21. /MODITY OR LAND USE	GROSS	DEDUC- TIONS	NET	Cotton		Corn	Water melor		1/
T-31	1A	Cotton -	Solid	51.1	- 0 -	51.1	51.1					М
	1B	Soybean		49.3	- 0 -	49.3		49.3				м
	10	Corn - S		72.6	- 0 -	72.6			72.6			м
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2. OFFICIA 34. <b>ALL re</b>	equired de	termination	33. TOTALS for this farm visit have bee procedures.		A. SIG	SNATURE			72.0	B. DA		DD-YYYY) 5-2008

#### **A** Introduction

Staking and referencing is a method of identifying and marking points on permanent and temporary boundaries on a farm and measuring the distance between the points to determine the acreage in the area.

This service is conducted at the request of a producer allowing the producer to accurately plant, designate, or adjust acreage.

Staking in the field may be done by a County Office representative or the producer requesting the service. See paragraph 465 for measurement service guarantees.

Notes: Tolerance is not applicable when performing staking and referencing.

Staking in the field by the producer is not allowed for measurement service for marketing quota crops.

\* \* \*

#### **B** Definitions

The following definitions apply to staking and referencing.

Term	Definition				
Temporary boundary	A boundary that is easy to identify and easily moved, such as a				
	crop line or turn area between fields.				
Permanent boundary	A boundary that is easy to identify but not readily moved; such				
	as, a property line, ditch, road, fence, or hedgerow.				
Temporary fixed point	A point that is easy to identify and easily movable.				
	<b>Note:</b> A stake referenced to a permanent point or a permanent point on a permanent boundary is a fixed point.				
Permanent point or	A point that is easy to identify and not easily moved; such as, a				
object	boulder, tree, pole, or fence post.				

#### **C** How to Mark Points on Boundaries

Locate and mark points on:

- temporary boundaries with stakes
- permanent boundaries using either of the following:
  - paint the object
  - place a stake close to the permanent boundary to locate the point but far enough from the cultivated area to avoid interference with field operations.

#### **D** Where to Mark Points on Boundaries

Mark points on boundaries by placing stakes at:

- both ends of the field
- each change in direction in temporary boundary lines
- each junction of temporary and permanent boundaries.

Stake only 1 end of a field if measuring a row crop with the same number of rows planted for the length of the field and if planting begins along a straight line.

#### E Staking

To reference where the stake is placed, provide the following information on the photocopy:

- a description of the points
- identification of the relationship between the points
- the measurement between the points.

**Note:** Do not reference stakes placed as a guide for deductions.

## \*--G Procedure for Staking and Referencing Using GPS

Use the steps in this table for staking and referencing using GPS.

Stop	Action						
Step 1	Identify a minimum of 2 permanent points. One point must be on a permanent field boundary. Use the Navigation feature in the Garmin Map76 hand-held unit to measure the distance.						
	<b>Note:</b> Measurements of up to 500 feet can be measured before the display unit changes to miles.						
2	Physically mark or place stakes on or near identified permanent points. Mark GPS waypoints for each stake. Keep a log of the location coordinates for each waypoint taken on the sketch or digital map.						
3	Mark these points on the sketch or digital hard-copy map to be used for field notes. A second digital map showing Acreage Toolbar graphic measurements will be needed for official files.						
	<b>Note:</b> The GPS Measurement Service Map Template must be the official map.						
4	<ul> <li>Measure the distance between these points. Determine the starting point and mark it with a waypoint, or locate the waypoint already taken for the starting point.</li> <li>PRESS "NAV" and select "Go To Point".</li> </ul> <b>TOT</b> START TO POINT". <b>TOT</b> START						
	• Select "Waypoints".						

Step	Action						
4 (Cntd)	<ul> <li>Select "Goto" and PRESS "Enter".</li> <li>Waypoint         <ul> <li>001</li> <li>17-JUL-06 20:46</li> <li>Location</li> <li>N 46.75324°</li> <li>W096.90895°</li> <li>Elevation</li> <li>Delete</li> <li>Map</li> <li>GOTO</li> <li>UK</li> </ul> </li> </ul>						
	• PRESS " <b>Page</b> " until the compass screen is displayed.						
	• "Distance to Next" will determine the distance from the waypoint. Travel until the desired distance is reached. If the distance to be traveled is greater than 500 feet, stop at 400 feet and mark another waypoint.						
	• Add line segments together to get the total distance between the 2 identified permanent points. Record the total number of feet and mark the stake reference on the sketch or digital map.						
5	Place a stake and record distance in feet noted in the " <b>Distance to Next</b> " box on the compass screen.						
	Each stake or GPS waypoint must be referenced to either of the following:						
	• 2 fixed, recognizable points or objects, which are <b>not</b> visible on the digital imagery						
	• a stake placed along a permanent boundary.						
6	Continue to place stakes at permanent and temporary points, marking and recording on the digital map until the area to be measured is covered.						
	• PRESS "NAV" again and set the newly marked waypoint as the destination.						
	<ul> <li>Repeat the process of marking the waypoint and navigating to the next distance. Record distance on the sketch or digital map until the area is covered. Add all line segments together to get the total distance.</li> </ul>						

## \*--G Procedure for Staking and Referencing Using GPS (Continued)

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## \*--G Procedure for Staking and Referencing Using GPS (Continued)

Step	Action							
7	Create a new subfolder under "F:\geodata\measurement_services\gps_points".							
8	Download the GPS waypoints. Name the file as indicated in the Manual for Managing Geospatial Datasets in Service Centers as "meas_service_xd_ <stnnn>_<yyyymmdd>_<producer last="" name="">".</producer></yyyymmdd></stnnn>							
	<b>Note:</b> Save the file to the "F:\geodata\measurement_services\gps_points" directory.							
9	Open a CLU MT map .mxd document. Open the MT Control Panel.							
10	In "Other Layers", CLICK "Add" and navigate to the folder location noted in step 7. Select the file and CLICK "Add". To connect to the F drive, CLICK "Connect to Folder".							
11	Locate the tract associated with the GPS points.							
12	Open the Acreage Toolbar.     USDA Acreage Toolbar     Image: Comparison of the state of the s							
13	Use the "New Acreage Graphic" button to measure the area of the GPS points.							
14	Change the graphic lineweight and color for best map readability. Use the "Change Acreage Graphic Symbol" button.							
15	Display only the acreage graphic in map view and the GPS point layer. Unselect the CLU layer, wetland, and other layers, such as transportation.							
	To add any additional text to the map, such as waypoint numbers (flags), use the "New Text" button on the ArcGIS Draw Toolbar.							
16	Go to Layout View. On the Layout toolbar, select the "Change Layout" button.							

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## \*--G Procedure for Staking and Referencing Using GPS (Continued)

Step	Action
17	Record the following on the GPS Measurement Service Map Template:
	<ul><li>name of requestor</li><li>FSN</li></ul>
	<ul> <li>FSN</li> <li>tract</li> </ul>
	• field
	<ul> <li>measured acres</li> </ul>
	date measured
	horizontal accuracy
	differential method used
	reference station
	• by whom the measurement is performed.
18	Print the map and save the map as a PDF file. On the Layout Toolbar, select the
	"Export Map" button.
	Name the file as "dl_Map <nnn>_<stnnn>_<yyyymmdd>_<producer last="" name="">".</producer></yyyymmdd></stnnn></nnn>
	Example: dl_Map1_md035_20080505_jsmith
	<b>Note:</b> Save the file to the "F:\geodata\measurement_services\gps_points" directory.
19	Attach the field notes sketch or digital map and the official GPS Measurement
	Service digital map to FSA-409 and file in the FSA-409 folder.
	Attach a convert the field notes skatch or digital man and the official CDS
	Attach a copy of the field notes sketch or digital map and the official GPS Measurement Service digital map to FSA-578.
	neusurement set nee digital map to 15/15/16.
	<b>Note:</b> Save the FSA-409 file to the "F:\geodata\measurement_services\gps_data" directory.
	Name the file "dl_FSA409_ <ssccc>_yyyymmdd_<producer last="" name="">".</producer></ssccc>

## Par. 463

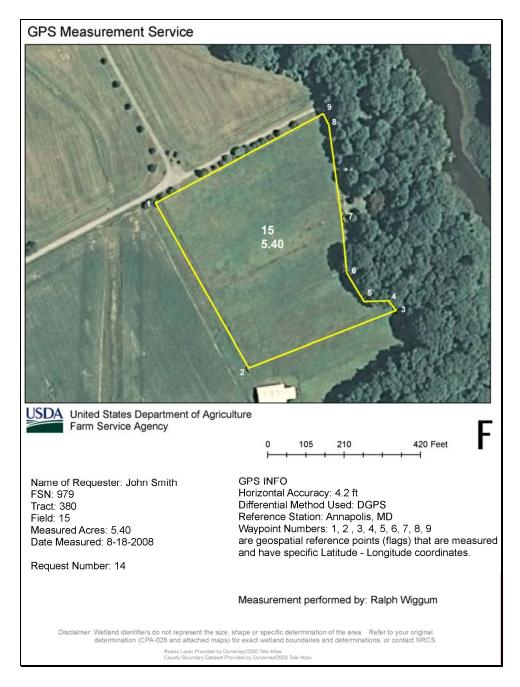
## \*--G Procedure for Staking and Referencing Using GPS (Continued)

Step	Action						
20	For this example, the "F:\geodata\measurement_services\gps_points" directory will contain the following files for a measurement service field visit.						
	\geodata\measurement_services\gps_points						
	× Name 🔺						
	-RAM Drive (E:)       Image: Constraint of the second						
	Note: Archive files by program year.						
	Example: F:\geodata\measurement_services\gps_points\2008						

**Note:** The geodata folder and file naming convention identified in steps 7 through 20 can be used for all measurement services.--\*

#### \*--H Example of GPS Measurement Service Map Template

The following is an example of the GPS Measurement Service Map Template.



**Note:** This GPS Measurement Service Map Template example can be used for all measurement services. Adding a section of labeled points on the map is optional. The numbered points are GPS waypoint numbers with specific latitude and longitude coordinates.--\*

\* \* \*

#### 464 Measurement Service After Planting

#### A Definition of Measurement Service After Planting

<u>Measurement service after planting</u> means determining a crop or designated acreage after planting, but before the farm operator files a report of acreage for the crop.

**Example:** See subparagraph C \* \* \* for an example of FSA-409 for measurement service after planting.

#### **B** Timely Requests

Requests for measurement service after planting may be filed no later than the final reporting date for the crop or land use to be considered timely filed. Requests filed after the final reporting date may be accepted if the producer pays the cost of the measurement service in addition to the late-filed fee for reporting the acreage. This would result in the producer paying twice the cost of the measurement service.

**Note:** Producers requesting measurement service after the final reporting date shall not be allowed to adjust acreage to meet program requirements if previously spot-checked.

## 464 Measurement Service After Planting (Continued)

## \*--C Example of FSA-409

The following is an example of FSA-409 for measurement service after planting for skip row planting pattern.

This form is	available	electronica	llv.						Form Ap	proved -	OMB No. (	560-0260
FSA-409	This form is available electronically.           FSA-409         U.S. DEPARTMENT OF AGRICULTURE					Form Approved - OMB No. 0560-0260 1. FARM NUMBER 2. PROGRAM YEAR 3. REQUEST NUMBER						
(06-13-08)								2cxx		20	1	
					4. FARM	LOCATI	ON (OPTIC	DNAL)				
	MEA	SUREME	NT SERVICE RECO	KD				T 27 K	R 43 W 8	Section	1	
			DRESS (Including Zip Code	1		64 NAM		DDRESS	OF PERSO		NTACT	
John E				/							MIAOI	
	P.O. Box 2900 Anywhere, USA 11111							Sam	e as Item	1 5A		
5B. TELEPI			vea Code):					NO (Inclu	ding Area (	Codel: (2	22) 111	.6666
PART A -	SERVICE	REQUEST	AND COST						ung Alea C	Joue). (2	-22) 111	0000
		REQUEST	8. COMMODITY/LAND USE	9. NO. A		. NO. BINS/P	LOTS		11. BASIC	RATE:	\$	30.00
	ind Refere ement afte	nce er Planting	FS - Tobacco 7.86	9.8	3	1					Ý _`	.00
GI GI	ound		1.25				124	. NO. of	2	12B. HOU	IRIY¢	32.00
	AIP surement						124	HOURS:		COS		
	ound											
	AIP						13A	. NO. of MILEAGE:		13B. MILI COS	EAGE ST: \$	N/A
Bins												
Uther (	Specify)								14. TC	DTAL COS	т:	62.00
											\$	02.00
			15. 15.	PERSON	IMAKING	REQUEST						
		-	ereby agree to pay the cost o	of the serv	vice as req	uested.						
A. SIGNATUR	RE OF PER	SON MAKING	REQUEST				E	B. DATE (MI	M-DD-YYYY)	)		
/s/ Jo	hn Doe	e							06	/22/20	08	
		16. CASH	RECEIPT				17.	FOR REF	UNDS ON	LY		
A. PAYMENT	RECEIVED	FOR SERVIC	CES REQUESTED		A. REFU	JND			B. NAM		P OR SERV	ICE
\$ 62.0						YES	NO	X				
B. SIGNATUR	RE OF COU	NTY OFFICE	EMPLOYEE		C. REF	UND AMOUN	Т D. СН	ECK NO.	E. DATE (MM-	E ·DD-YYYY)	F. APP (CED	ROVAL Initials)
					\$							ŕ
18A. SPECIA		TIONS										
18B. EMPLOY	'EE NAME			180		ORK ISSUED	) 1		NORK RETU	JRNED 18	BE. DATE N	
/s/ Sa	am Doe	e			(MM-DE	)-1111)		(IVIIVI-D	D-YYYY)		(MM-DE	- + + + + + + + + + + + + + + + + + + +
PART B -	RECORD	OF MEAS	UREMENT SERVICE PE	REORME	=D							
				AC	RES DETE				MES/ACRES		I	30.
19. BIN/TRACT	20. CLU NO.	co1	21. IMODITY OR LAND USE	22. GROSS	23. DEDUC	24. C- NET	25.	26.	27.	28.	29.	METHOD
NO.	GLU NO.	CON	MODITT OR LAND USE	_	TIONS	3						
1164	7A	SR 4 + 1	RW 48 " Tobacco	10.25	5 .42	7.06	7.86					
The	tobacco	acreade n	neasured on this farm is	the amo		equested .	and is no			ve allotn	nent L	06/22/0
	tobacco	acreage				cucoicu						. 00/22/0
				_	_							
31. MEASU	RED ACR	EAGE/PRO	DUCTION									
32. OFFICI	AL ACREA	GF		1	+							
	,							-			-	
			33. TOTALS	5:			7.86					
			for this farm visit have bee procedures.	en made i		ignature <b>s/ Georg</b>					TE ( <i>MM-DE</i> <b>06/22/2</b>	
35. REMAR		аррисаріе	procedures.				у <del>с</del> п. 1	Javia			0	
DU. KLIMAR												
1/ Itom 20	Mothed of	Moasuroma	t Entor "M" for monoursed as	"()" for	fficial							
<u>n</u> nem 30. I	vietrioù Ot	weasuremen	nt. Enter "M" for measured or		nicial.							

## **Reports, Forms, Abbreviations, and Redelegations of Authority**

## Reports

None.

## Forms

This table lists all forms referenced in this handbook.

		Display	
Number	Title	Reference	Reference
AD-1026	Highly Erodible Land Conservation (HELC)		20, 353, 501
	and Wetland Conservation (WC) Certification		
	(Includes Appendix)		
AD-2007	FSA/RMA Compliance Referral		508
AD-2027	RCO Spot Checklist Growing Season		508
	Inspection Form		
CCC-509	Direct and Counter- Cyclical Program Contract		351
CCC-509	Appendix to Form CCC-509, Direct and		351
Appendix	Counter- Cyclical Program Contract		
CCC-576	Notice of Loss and Application for Payment	Ex. 7	23, 24, 24.5
	Noninsured Crop Disaster Assistance Program		
CCC-576-1	Appraisal/Production Report Noninsured Crop		332
	Disaster Assistance Program		
CCC-577	Transfer of NAP Coverage		355
CCC-579	NAP Approved Yield Compliance Worksheet		355
CCC-896	2005 Hurricane Tree Assistance Program		356
	Application for Assistance		
CRP-1	Conservation Reserve Program Contract		16, 78, 350,
			497
CRP-1	Appendix to Form CRP-1, Conservation		16
Appendix	Reserve Program Contract		
FSA-54	County Office Work Measurement System		251

## Reports, Forms, Abbreviations, and Redelegations of Authority (Continued)

# Forms (Continued)

		Display	
Number	Title	Reference	Reference
FSA-409	Measurement Service Record	461, 464	15, 397, 459,
			460, 462
FSA-409A	Measurement Service Request Register	462	459
FSA-426	MPCI/FCIC Information Request	509	510
	Worksheet		
FSA-441	Order for Aerial Photography		491
FSA-468	Notice of Determined Acreage	376	15, 352, 360,
			375, 379, 380,
			397
FSA-569	NRCS Report of HELC and WC		20, 353
	Compliance for Spotcheck Purposes		
FSA-577	Report of Supervisory Check	332	
FSA-578	Report of Acreage		Text, Ex. 2,
			10.5
FSA-603	Collection Register for State and County		459
	Offices		
NRCS-CPA-026	Highly Erodible Land and Wetland		495, 501, 502,
	Conservation Determination		503, 505, 506.5

## Reports, Forms, Abbreviations, and Redelegations of Authority (Continued)

## Abbreviations Not Listed in 1-CM (Continued)

Approved Abbreviation	Term	Reference
ADDreviation		21, 355
APH AV	actual production history administrative variance	,
		378, 461 17
BWEP	Boll Weevil Eradication Program	
CCE	common computing environment	421
CCM	compressed county mosaic	437
CDP	Crop Disaster Program	25, 321
CLU	common land unit	Text, Ex. 2, 37
CVS	Crop Validation System	41
CW	converted wetland	20, 353, 494, 495
DCP	Direct and Counter-cyclical Payment Program	297, 376
DGPS	Differential Global Positioning System	421
DOQ	Digital Orthophotography	501, Ex. 2
FAA	Federal Aviation Administration	421
FAV	fruits and vegetables	Text, Ex. 10.5, 11, 12
FGDC	Federal Geographic Data Committee	505.5
FIPS	Federal Information Processing Standards	501, 506, 506.5, 516
FTP	file transfer protocol	501, 504, 505.5, Ex. 37
FW	farmed wetland	353
Gateway	Geospatial Data Gateway	505.5
GDW	Geospatial Data Warehouse	505.5
GIS	Geographic Information System	84, 392, 421, 460, 501,
		502, 506.5, Ex. 2, 12
GPS	global positioning system	390, 394, 420, 421, 460,
		463, Ex. 2
HEL	highly erodible land	353, 494, 499, 501, 502,
		505
HELC	highly erodible land conservation	353
ITS	Information Technology Services	421
LA	loss adjuster	2, 332, 508, 509
LAM	Loss Adjustment Manual	355
LCP	Livestock Compensation Program	321
LIP	Livestock Indemnity Program	321
MAL	marketing assistance loan	321, 354
MDOQ	Mosiac Digital Orthophoto Quadrangle	19, 498, 505.5
MT	Maintenance Tool	394, 463

The following abbreviations are not listed in 1-CM.

## Reports, Forms, Abbreviations, and Redelegations of Authority (Continued)

Approved		
Abbreviation	Term	Reference
NCT	National Crop Table	16, 41
NAIP	National Agricultural Imagery Program	437, 444, 505.5, 506.6
NHEL	non highly erodible land	494, 502
ODB	object data base	506.5
OFAV	other fruits and vegetables	85, 141
PFC	Production Flexibility Contract	376
PLSS	Public Land Survey System	506.5
PT	Program Technician	506
SCA	Service Center Agencies	505.5
SRA	Standard Reinsurance Agreement	508
"T" area	transitional area	86
W	wetland	353, 494, 495, 499
WC	wetland conservation	353
WAAS	Wide Area Augmentation System	421

# Abbreviations Not Listed in 1-CM (Continued)

## **Redelegations of Authority**

None.

#### 2003 and Subsequent Year Crops Reported on FSA-578

The following lists the crop names, crop codes, abbreviations, intended uses, and land uses for crops and aquaculture reported on FSA-578.

**Notes:** Except for sorghum, crops historically reported with intended uses "Sg", "Hy", "Gc", or "Hg" shall now be reported with an intended use of "Fg".

When a crop has both "Gr" and "Sd" as intended uses, the intended use of "Sd" should be used to report hybrid seed.

When a small grain crop is planted and had 2 intended uses of grain and grazing, the intended use of "Gs" shall be used.

Land Crop Crop Type **Crop Name** Code Abbr **Type Name** Code **Intended Use** Use Acerola 0172 AZARL FH F (Barbados Cherry) FG, GZ, LS, SD Alfalfa 0027 ALFAL FH. PR Algae 3003 ALGAE Ogo (Red) OGO Almonds 0028 ALMND blank F 9032 ALOEV SD or blank Aloe Vera GR Amaranth Grain 0516 AMAGR Antidesma 1165 ANTID FH F Apples 0054 APPLE Common FH, JU, PR, RS F COM FH, JU, PR, RS F Specialty SPC Note: The type "SPC – Specialty" includes Fuji, Braeburn, Gala, Jona Gold, Crispin, Honeycrisp, Sommerfeld, Royal Gala, Macoun, Cameo, and Pink Lady. All other types are considered "COM - Common". Apricots 0326 APRCT FH, PR, RS F FH, PR Aronia (Chokeberry) 0143 ARONI F 0458 ARTIC FH, PR, SD F Artichokes 0104 ASPRG FH, PR, RS, SD F Asparagus 0997 FH, PR F Atemoya ATMYA (Custard Apple) AVOCD Avocados 0106 FH, PR F 0111 BAMBO FH, PR F Bamboo Shoots

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2003 and Subsequent Year Crops Reported on FSA-578 (Continued)(Par. 41, 74, 75, 84, 296, Ex. 7)	2003 and Subsequent	Year Crops Reported on	FSA-578 (Continued)(Par.	41, 74, 75, 84, 296, Ex. 7)
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Crop Name	Crop Code	Crop Abbr	Type Name	Type Code	Intended Use	Land Use
Bananas	0173	BANAN	Baby	BAB	FH, LV, PR	F
Dununus	0175	Dintint	Bluefield	BFB	FH, LV, PR	F
			Brazilian	BRZ	FH, LV, PR	F
			Cavendish	CVB	FH, LV, PR	F
			Johnson	JON	FH, LV, PR	F
			501113011	3011	111, 2, 11	-
Barley	0091	BARLY	Hulless	HUL	FG, GM, GR, GS, GZ, LS	
2			Spring Barley	SPR	FG, GM, GR, GS, GZ, LS	
			Waxy Barley	WXY	FG, GM, GR, GS, GZ, LS	
			Winter Barley	WTR	FG, GM, GR, GS, GZ, LS	
					, , , , , ,	
Beans	0047	BEANS	Adzuki	ADZ	DE, SD	
(exempt from FAV)			Castor	CAS	DE, SD	
			Lupine	LUP	DE, SD	
			Mung	MUN	DE, SD	
Beans	0047	BEANS	Anasazi	ANA	FG, GM	
			Anasazi	ANA	DE, FH, PR, SD	F
			Baby Lima	BBL	FG, GM	
			Baby Lima	BBL	DE, FH, PR, SD	F
			Black Turtle	BTU	FG, GM	
			Black Turtle	BTU	DE, FH, PR, SD	F
			Butter	BUT	FG, GM	
			Butter	BUT	DE, FH, PR, SD	F
			Canario - Yellow	CAN	FG, GM	
			Canario - Yellow	CAN	DE, FH, PR, SD	F
			Chinese String	CHI	FG, GM	
			Chinese String	CHI	DE, FH, PR, SD	F
			Cranberry	CRA	FG, GM	
			Cranberry	CRA	DE, FH, PR, SD	F
			Dark Red Kidney	DRK	FG, GM	
			Dark Red Kidney	DRK	DE, FH, PR, SD	F
			Fava	FAV	FG, GM	
			Fava	FAV	DE, FH, PR, SD	F
			Flat Small White	FSW	FG, GM	
			Flat Small White	FSW	DE, FH, PR, SD	F
			*Garbanzo, Desi (Chickpea,	GAD	FG, GM	
			Small)	GAD	DE, FH, PR, SD	F
			Garbanzo, Kabuli (Chickpea,	GAR	FG, GM	
			Large)*	GAR	DE, FH, PR, SD	F
			Great Northern	GTN	FG, GM	
			Great Northern	GTN	DE, FH, PR, SD	F

Exhibit 10.5 2003 and Subsequent Year Crops Reported on FSA-578 (Continued)(Par. 41, 74, 75, 84, 296, Ex. 7) \*--

	Crop	Crop		Туре		Land
Crop Name	Code	Abbr	Type Name	Code	Intended Use	Use
Brussel Sprouts	0112	BRUSL			FH, PR, SD	F
Buckwheat	0114	BUKWT			GM, GR, SD	_
Duckwheat	0114	DORWI			OM, OK, 5D	_
Cabbage	0116	CABAG	Choy Sum Cabbage	СНО	FH, PR, SD, SE	F
			Hybrid Cabbage	HYB	FH, PR, SD, SE	F
			Napa Cabbage	NAP	FH, PR, SD, SE	F
			Open Pollinated	OPN	FH, PR, SD, SE	F
			Red Cabbage	RED	FH, PR, SD, SE	F
			Savoy	SAV	FH, PR, SD, SE	F
Cactus	2050	CACTS			FH	
Caimito	1166	САМТО			FH, PR	F
	1100	CANITO				Г
Calabaza Melon	9999	CALAB			FH	F
		<u> </u>				
Calaloo	9056	CALAL			FH	F
Camelina	0033	CAMEL	Camelina		PR, SD	
Canary Melon	9998	CANAR			FH, SD	F
	7778	CANAK		-	111, 5D	
Canary Seed	9039	CNRSD			SD	
		I				
Caneberries	6000	CANBR	Arapaho Blackberries	ARA	FH, PR	F
			Black Raspberries	BLK	FH, PR	F
			Boysenberries	BOY	FH, PR	F
			Cascadeberries	CAS	FH, PR	F
			Chester Blackberries	CHT	FH, PR	F
			Chickasaw Blackberries	CHI	FH, PR	F
			Doyle Blackberries	DOY	FH, PR	F
			Evergreen Blackberries	EVG	FH, PR	F
			Kiowa/Ouachita Blackberries	KIO	FH, PR	F
			Kotata Blackberries	КОТ	FH, PR	F
			Loganberries	LOG	FH, PR	F
			Marionberries	MAR	FH, PR	F
			Navaho Blackberries	NAV	FH, PR	F
			Olallieberries	OLA	FH, PR	F
			Red Raspberries	RED	FH, PR	F
			Tayberries	TAY	FH, PR	F
			Triple Crown Blackberries	TRI	FH, PR	F
Canistal	0057	CANIC			EU	E
Canistel	9057	CANIS			FH	F

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2003 and Subsequent	Year Crops Reported on	FSA-578 (Continued)(Par.	41, 74, 75, 84, 296, Ex. 7)
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Crop Name	Crop Code	Crop Abbr	Type Name	Type Code	Intended Use	Land Use
Canola	0711	CANOL	Fall Seeded	FAL	SD	
			Spring Canola	SPR	SD	
Cantaloupes	0759	CANTL			FH, SD	F
Carambola (Star Fruit)	0999	CRMBA			FH	F
Carob	0494	CAROB			PR	F
Carrots	0120	CARRT	Hybrid	HYB	FH, PR, SD	F
Carlots	0120	CARKI	Mini Carrots	MNE	FH, PR, SD	F
			Open Pollinated	OPN	FH, PR, SD	F
		l			7 7 -	
Casaba Melon	9997	CASAS			FH	F
Cashew	1291	CASHE			blank	F
Cassava	0174	CASAV	Beige	BGE	FH	F
			White	WHT	FH	F
Cauliflower	0124	CLFLW			FH, PR, SD	F
		I I				
Celeriac	0509	CLERI			FH, PR, SD	F
Celery	0126	CLERY			FH, PR, SD	F
Cherimoya (Sugar Apple)	8045	CHRMY			FH	F
	0120	CHEDN		CUIV		
Cherries	0128	CHERY	Chokecherry Jamaica	CHK JAM	FH, PR FH, PR	F F
				SWT	FH, PR	F
			Sweet Tart	TRT	FH, PR	F
			1410		,	
Chestnuts	0375	CHENT			FH or blank	F
Chia	0840	CHIA			FH, PR, RS	
*Chickpea (see Beans,						
*Chickpea (see Beans, Garbanzo)*						
Chicory/Radicchio	0511	CHICO	Common	СОМ	FG, GZ	
			Common	СОМ	FH, RS, SD	F
			Witloof	WIT	FG, GZ	
			Witloof	WIT	FH, RS, SD	F
Chinese Bitter Melon	9996	CHIBT			FH	F

2003 and Subsequent	Vear Crons Reported or	n FSA-578 (Continued)(Par.	41 74 75 84 296 Ex 7)
2005 and Subsequent	I car crops heported of	110  A - 570 (Commutu)(1  ar)	<b>TI</b> , <b>T</b> , <b>T</b> , <b>T</b> , <b>O</b> , <b>D</b>

Crop Name	Crop Code	Crop Abbr	Type Name	Type Code	Intended Use	Land Use
Cucumbers	0132	CUCUM	Common	COM	FH, PR, SD	F
			English	ENG	FH, PR, SD	F
			Pickling	PKL	FH, PR, SD	F
Currants	0325	CURRN			FH, PR	F
Dasheen/Taro	0177	DASHE	Purple	PUR	FH	F
Root/Malanga			White	WHT	FH	F
			white	WIII	ГП	Г
Dates	0496	DATES		-	FH, PR	F
Dutes	0470	DATES			111,11	-
Eggplant	0318	EGGPL	Cherry Eggplant	CHE	FH, PR, SD	F
	-		European	EUR	FH, PR, SD	F
			Mini Eggplant	MIN	FH, PR, SD	F
			Oriental	ORN	FH, PR, SD	F
Elderberries	0032	ELDER	Brush Hills	BSH	FH, PR	F
			Cherokee	CHE	FH, PR	F
			Mill Creek	MIL	FH, PR	F
			WIII CICCK	IVIIL	111,11	-
Emergency	3025	EWFP			blank	
Watershed/Floodplain						
*Emmer	0133	EMMER			GR*	
FOID	0000	FOID		_	11 1	_
EQIP	0098	EQIP			blank	
Fallow	0101	FALOW		_	blank	
Fallow	0101	TALOW			Ulalik	
Figs	0060	FIGS	Adriatic	ADR	FH	F
8-			Black Mission	BMF	FH	F
			*Brown Turkey	BTK	FH	F*
			Calimyrna	CAL	FH	F
						F
			Kadota	KDT	FH	F
Finfish	3000	FINFH	Almaco Jack	JAK	FH, PR	
1 1111011	5000	1 11 11 11	Awa	AWA	FH, PR	
			Bighead Carp	BIG	FH, PR	
			Black Tilapia	BLK	FH, PR	
			Bluegill	BLU	FH, PR	
			Channel Catfish	CHN	FH, PR	
			Chinese Carp	CHI	FH, PR	
			Chinese Catfish	CNS	FH, PR	
			Crappie	CRP	FH, PR	
			Diploid Amur	DIP	FH, PR	

2003 and Subsequent Year Crops Reported on FSA-578 (Continued)(Par. 41, 74, 75, 84, 296, Ex. 7)
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	Crop	Crop		Туре		Land
Crop Name	Code	Abbr FINFH	Type Name	Code	Intended Use	Use
Finfish (Continued)	3000	FINFH	Flounder	FLN	FH, PR	
			Guppy	GUP	FH, PR	
			Haplochromine Tropical	HAP	FH, PR	
			Koi Carp	KOI	FH, PR	
			Lamprologuine Tropical	LAM	FH, PR	
			Large Mouth Bass	LGE	FH, PR	
			Mbuna Chichlid Tropical	MBU	FH, PR	
			Minnows	MNW	FH, PR	
			Perch	PER	FH, PR	
			Red Tilapia	RDT	FH, PR	
			Redfish	RED	FH, PR	
			Shellcrack	SHL	FH, PR	
			Shubunkin Carp	SHU	FH, PR	
			Striped Bass	STR	FH, PR	
			Sturgeon (Caviar)	STU	FH, PR	
			Tanganyika Tropical	TAN	FH, PR	
			Threadfin Shad	THD	FH, PR	
			Triploid Amur	TRI	FH, PR	
			Tropical	TRO	FH, PR	
			Trout	TRT	FH, PR	
	0.001					
Flax	0031	FLAX	Common	COM	OL, SD	
			Linola	LIN	SD	
Flowers	7501	FLOWR	Achillea	ACH	ED, FH, OL, SD, SE	
			Acronlinium	ACR	ED, FH, OL, SD, SE	
			African Violet	AFV	ED, FH, OL, SD, SE	
			Agapanthus	AGA	ED, FH, OL, SD, SE	
			Ageratum	AGR	ED, FH, OL, SD, SE	
			Allium	ALL	ED, FH, OL, SD, SE	
			Alstroemeria	ALS	ED, FH, OL, SD, SE	
			Amaranth	AMR	ED, FH, OL, SD, SE	
			Amaryllis	AMA	ED, FH, OL, SD, SE	
			Ammobium	AMM	ED, FH, OL, SD, SE	
			Anemone	ANM	ED, FH, OL, SD, SE	
			Anthurium	ANT	ED, FH, OL, SD, SE	
			Anthurium Obake	ANO	ED, FH, OL, SD, SE	
			Anthurium Pastel	ANP	ED, FH, OL, SD, SE	
			Anthurium Red	ANR	ED, FH, OL, SD, SE	
			Artemesia	ART	ED, FH, OL, SD, SE	
			Aspen Daisy	ASP	ED, FH, OL, SD, SE	

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2003 and Subsequent Year Crops Reported on FSA-578 (Continued)(Par. 41, 74, 75, 84, 296, Ex. 7)

Crop Name	Crop Code	Crop Abbr	Type Name	Type Code	Intended Use	Land Use
Flowers (Continued)	7501	FLOWR	Aster	AST	ED, FH, OL, SD, SE	
			Baby's Breath	BAB	ED, FH, OL, SD, SE	
			Bachelor Buttons	BAC	ED, FH, OL, SD, SE	
			Banana Bloom	BAN	ED, FH, OL, SD, SE	
			Banksia	BAS	ED, FH, OL, SD, SE	
			Belladonna	BLD	ED, FH, OL, SD, SE	
			Bells of Ireland	BEL	ED, FH, OL, SD, SE	
			Bird Of Paradise	BIR	ED, FH, OL, SD, SE	
			Black Eyed Susans	BLS	ED, FH, OL, SD, SE	
			Bletilla	BLT	ED, FH, OL, SD, SE	
			Blue Eyed Grass	BEG	ED, FH, OL, SD, SE	
			Bupleurum	BUP	ED, FH, OL, SD, SE	
			Bush Clover	BUS	ED, FH, OL, SD, SE	
			Butterfly Milkweed	BUT	ED, FH, OL, SD, SE	
			Calla Lily	CLL	ED, FH, OL, SD, SE	
			Calladium	CAL	ED, FH, OL, SD, SE	
			Campanelle	CAM	ED, FH, OL, SD, SE	
			Candy Tuft	CND	ED, FH, OL, SD, SE	
			Canna Lily	CAN	ED, FH, OL, SD, SE	
			*Carnation/Dianthus	CAR	ED, FH, OL, SD, SE*	
			Carpet Of Snow	CSA	ED, FH, OL, SD, SE	
			Caryopteris	CRY	ED, FH, OL, SD, SE	
			Catchfly	CAT	ED, FH, OL, SD, SE	
			Celesia	CEL	ED, FH, OL, SD, SE	
			Celosia Plume	CEO	ED, FH, OL, SD, SE	
			Centaurea	CNT	ED, FH, OL, SD, SE	
			Centaurea Black Magic	CBM	ED, FH, OL, SD, SE	
			Centranthus	CEN	ED, FH, OL, SD, SE	
			Chamomile	CMM	ED, FH, OL, SD, SE	
			Cherimoya	CHR	ED, FH, OL, SD, SE	
			Chocolate	СНО	ED, FH, OL, SD, SE	
			Chrysanthemum	CRS	ED, FH, OL, SD, SE	
			Church	CHH	ED, FH, OL, SD, SE	
			Cirisium	CIR	ED, FH, OL, SD, SE	
			Clematis	CLE	ED, FH, OL, SD, SE	
			Cockscomb	COC	ED, FH, OL, SD, SE	
			Coleus	COL	ED, FH, OL, SD, SE	
			Coneflower, Clasping	CCL	ED, FH, OL, SD, SE	
			Coneflower, Pinnata Prairie	CPP	ED, FH, OL, SD, SE	
			Coneflower, Yellow Prairie	СҮР	ED, FH, OL, SD, SE	
			Coneflowers	CFL	ED, FH, OL, SD, SE	
			Coreopsis	COR	ED, FH, OL, SD, SE	

# Exhibit 10.5 2003 and Subsequent Year Crops Reported on FSA-578 (Continued)(Par. 41, 74, 75, 84, 296, Ex. 7) \*--

Crop Name	Crop Code	Crop Abbr	Type Name	Type Code	Intended Use	Land Use
Flowers (Continued)	7501	FLOWR	Cornflower	CRN	ED, FH, OL, SD, SE	
			Cosmos	COS	ED, FH, OL, SD, SE	
			Craspedia	CRA	ED, FH, OL, SD, SE	
			Creeping Phlox	CPG	ED, FH, OL, SD, SE	
			Daffodil	DAF	ED, FH, OL, SD, SE	
			Dahlia	DAH	ED, FH, OL, SD, SE	
			Daisy Gloriosa	DSG	ED, FH, OL, SD, SE	
			Daisy Marguerite	DSM	ED, FH, OL, SD, SE	
			Daisy Shasta	DSS	ED, FH, OL, SD, SE	
			Dames Rocket	DAM	ED, FH, OL, SD, SE	
			Day Lily	LLD	ED, FH, OL, SD, SE	
			Delphinium	DEL	ED, FH, OL, SD, SE	
			Echeveria	ECH	ED, FH, OL, SD, SE	
			Edible	EDI	ED, FH, OL, SD, SE	
			Elephant Ear	ELE	ED, FH, OL, SD, SE	
			English Ivy	IVY	ED, FH, OL, SD, SE	
			Eucalyptus	EUC	ED, FH, OL, SD, SE	
			Euphorbia	EUP	ED, FH, OL, SD, SE	
			Evening Primrose	EPR	ED, FH, OL, SD, SE	
			False Sunflower	FSF	ED, FH, OL, SD, SE	
			Flamingo	FLA	ED, FH, OL, SD, SE	
			Forget-Me-Not	FMN	ED, FH, OL, SD, SE	
			Fresia	FRE	ED, FH, OL, SD, SE	
			Gilia	GIL	ED, FH, OL, SD, SE	
			Ginger	GIN	ED, FH, OL, SD, SE	
			Ginger Pink	GIP	ED, FH, OL, SD, SE	
			Ginger Red	GIR	ED, FH, OL, SD, SE	
			Gladioli	GLA	ED, FH, OL, SD, SE	
			Godetia	GOD	ED, FH, OL, SD, SE	
			Goldenrod	GLD	ED, FH, OL, SD, SE	
			Gomphrena	GOM	ED, FH, OL, SD, SE	
			Green Goddess	GRG	ED, FH, OL, SD, SE	
			Gypochilla	GYP	ED, FH, OL, SD, SE	
			Gypsy	GPS	ED, FH, OL, SD, SE	
			Heather Firecracker	HEF	ED, FH, OL, SD, SE	
			Heather Melanthria	HEM	ED, FH, OL, SD, SE	
			Heather Persoluta	HEP	ED, FH, OL, SD, SE	
			Heather Regemina	HER	ED, FH, OL, SD, SE	
			Helichrysum	HLC	ED, FH, OL, SD, SE	
			Heliconia	HLI	ED, FH, OL, SD, SE	
			Heliconia Psittacorm	HLP	ED, FH, OL, SD, SE	
			Hollyhock	HHC	ED, FH, OL, SD, SE	

Exhibit 10.5 2003 and Subsequent Year Crops Reported on FSA-578 (Continued)(Par. 41, 74, 75, 84, 296, Ex. 7) \*--

Crop Name	Crop Code	Crop Abbr	Type Name	Type Code	Intended Use	Land Use
Flowers (Continued)	7501	FLOWR	Honeysuckle Hall's	HON	ED, FH, OL, SD, SE	
			Hostas	HOS	ED, FH, OL, SD, SE	
			Ilima Lantern	LLN	ED, FH, OL, SD, SE	
			Iris	IRI	ED, FH, OL, SD, SE	
			Iris Dutch	IRD	ED, FH, OL, SD, SE	
			Kalanchoe	KAL	ED, FH, OL, SD, SE	
			Kangaroo Paw	KAN	ED, FH, OL, SD, SE	
			Larkspur	LAR	ED, FH, OL, SD, SE	
			Lavender	LAV	ED, FH, OL, SD, SE	
			Leucondendron	LEU	ED, FH, OL, SD, SE	
			Liatris	LIA	ED, FH, OL, SD, SE	
			Lilac	LIL	ED, FH, OL, SD, SE	
			Lily Asiatic	LLA	ED, FH, OL, SD, SE	
			Lily Easter	LLE	ED, FH, OL, SD, SE	
			Lily Oriental	LLO	ED, FH, OL, SD, SE	
			Linaria - Northern Lights	LNL	ED, FH, OL, SD, SE	
			Lineum	LIN	ED, FH, OL, SD, SE	
			Lisianthus	LIS	ED, FH, OL, SD, SE	
			Lobelia	LOB	ED, FH, OL, SD, SE	
			Lupine	LUP	ED, FH, OL, SD, SE	
			Lychnis Scarlet	LYC	ED, FH, OL, SD, SE	
			Marigold	MAR	ED, FH, OL, SD, SE	
			Mexican Gold Poppy	MGP	ED, FH, OL, SD, SE	
			Mini Jacks	MIN	ED, FH, OL, SD, SE	
			Miniature Carnation	CNM	ED, FH, OL, SD, SE	
			Mixed Cut	CUT	ED, FH, OL, SD, SE	
			Molluccella	MOL	ED, FH, OL, SD, SE	
			Monarda	MND	ED, FH, OL, SD, SE	
			Montbretia	MON	ED, FH, OL, SD, SE	
			Monte Casino	MNC	ED, FH, OL, SD, SE	
			Mountain Mint	MTM	ED, FH, OL, SD, SE	
			Munros Globemallow	MGM	ED, FH, OL, SD, SE	
			Myrtle	MYR	ED, FH, OL, SD, SE	
			Narcissus	NAR	ED, FH, OL, SD, SE	
			Nigela	NIG	ED, FH, OL, SD, SE	
			Northern Sea Oats	NSO	ED, FH, OL, SD, SE	
			Old Field Goldenrod	OFG	ED, FH, OL, SD, SE	
			Orchid Cattleyas	OCC	ED, FH, OL, SD, SE	
			Orchid Cymbidium	OCY	ED, FH, OL, SD, SE	
			Orchid Dendrobium	OCD	ED, FH, OL, SD, SE	
			Orchid Dendrobium Spray	OCD	ED, FH, OL, SD, SE	
			Orchid Moth	OD3 OCM	ED, FH, OL, SD, SE	
				UCIVI	LD, 111, UL, SD, SE	

## 2003 and Subsequent Year Crops Reported on FSA-578 (Continued)(Par. 41, 74, 75, 84, 296, Ex. 7)

Crop Name	Crop Code	Crop Abbr	Type Name	Type Code	Intended Use	Land Use
Flowers (Continued)	7501	FLOWR	Orchid Phalaenopsis	OCP	ED, FH, OL, SD, SE	
			Ornamental Blue Flax	OBF	ED, FH, OL, SD, SE	
			Ornamental Okra	ORO	ED, FH, OL, SD, SE	
			Ornamental Peppers	ORP	ED, FH, OL, SD, SE	
			Oxeye	OXE	ED, FH, OL, SD, SE	
			Pachysandra	PAC	ED, FH, OL, SD, SE	
			Pansy	PAN	ED, FH, OL, SD, SE	
			Pansy, Wild	PNW	ED, FH, OL, SD, SE	
			Partridge Pea	PRT	ED, FH, OL, SD, SE	
			Pearly Everlasting Anaph	PEA	ED, FH, OL, SD, SE	
			Pensteman Strictis	PEN	ED, FH, OL, SD, SE	
			Peony	PEO	ED, FH, OL, SD, SE	
			Petalstemum	PLP	ED, FH, OL, SD, SE	
			Petunia	PET	ED, FH, OL, SD, SE	
			Physostegia	PHY	ED, FH, OL, SD, SE	
			*Prairie Carnation	CPR	ED, FH, OL, SD, SE*	
			Prairie Coneflower	PRC	ED, FH, OL, SD, SE	
			Prairie Violet	PRV	ED, FH, OL, SD, SE	
			Protea	PRO	ED, FH, OL, SD, SE	
			Purple Phacilia	PRP	ED, FH, OL, SD, SE	
			Purple Prairie Clover	PPC	ED, FH, OL, SD, SE	
			Pyrethrum	PYR	ED, FH, OL, SD, SE	
			Queen Anne's Lace	QUN	ED, FH, OL, SD, SE	
			Ranunculus	RAB	ED, FH, OL, SD, SE	
			Rose	ROS	ED, FH, OL, SD, SE	
			Rose Hybrid Tea	RHT	ED, FH, OL, SD, SE	
			Rose Miniature	RSM	ED, FH, OL, SD, SE	
			Rose Sweetheart	RSS	ED, FH, OL, SD, SE	
			Rudbeckia	RUD	ED, FH, OL, SD, SE	
			Salva	SAL	ED, FH, OL, SD, SE	
			Scabiosa	SCA	ED, FH, OL, SD, SE	
			Scarlet Globernallow	SGM	ED, FH, OL, SD, SE	
			Schizostilis	SCH	ED, FH, OL, SD, SE	
			Seafoam	SEA	ED, FH, OL, SD, SE	
			Sedahlia	SED	ED, FH, OL, SD, SE	
			Sedum	SDM	ED, FH, OL, SD, SE	
			Snapdragon	SNP	ED, FH, OL, SD, SE	
			Spanish Clover	SPC	ED, FH, OL, SD, SE	
			Spiderwort	SPD	ED, FH, OL, SD, SE	
			Star of Bethlehem	STR	ED, FH, OL, SD, SE	
			Statice	STT	ED, FH, OL, SD, SE	
			Statice Dinuata	STD	ED, FH, OL, SD, SE	
			Statice German	STG	ED, FH, OL, SD, SE	
			Stiff Goldenrod	STF	ED, FH, OL, SD, SE	

2003 and Subsequent Year Crops Reported on FSA-578 (Continued)(Par. 41, 74, 75, 84, 296, Ex. 7)
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Crop Name	Crop Code	Crop Abbr	Type Name	Type Code	Intended Use	Land Use
Flowers (Continued)	7501	FLOWR	Stock	STC	ED, FH, OL, SD, SE	Coc
			Strawflowers	STW	ED, FH, OL, SD, SE	
			Sunflowers	SUN	ED, FH, OL, SD, SE	
			Swamp Milkweed	SWM	ED, FH, OL, SD, SE	
			Sweet Annie	SWA	ED, FH, OL, SD, SE	
			Sweet Pea	SWP	ED, FH, OL, SD, SE	
			Sweet William	SWW	ED, FH, OL, SD, SE	
			Tansy	TAN	ED, FH, OL, SD, SE	
			Thistle Globe	THG	ED, FH, OL, SD, SE	
			Tigridia	TIG	ED, FH, OL, SD, SE	
			Trachelium	TRA	ED, FH, OL, SD, SE	
			Tritoma	TRI	ED, FH, OL, SD, SE	
			Tuberose	TUB	ED, FH, OL, SD, SE	
			Tulip	TUL	ED, FH, OL, SD, SE	
			Umbrella Plant	UMB	ED, FH, OL, SD, SE	
			Verbena	VRB	ED, FH, OL, SD, SE	
			Veronica	VER	ED, FH, OL, SD, SE	
			Water Hyacinth	WAT	ED, FH, OL, SD, SE	
			Waxflower	WAX	ED, FH, OL, SD, SE	
			Wild Gyp	WLD	ED, FH, OL, SD, SE	
			Wildflowers	WIL	ED, FH, OL, SD, SE	
			Wood Lilies	WOD	ED, FH, OL, SD, SE	
			Xeranthemum	XER	ED, FH, OL, SD, SE	
			Yarrow	YAR	ED, FH, OL, SD, SE	
			Zinnia	ZIN	ED, FH, OL, SD, SE	
Forage Soybean/Sorghum	0125	FORSS			FG, GZ	
Gailon/Gai Lein /Chinese Broccoli	0953	GALON			FH, PR, RS, SD	
Galanga	7041	GALAX			FH, PR, RS, SD	F
-						
Garlic	0423	GARLC	Common	COM	FH, PR, SD	
			Elephant Garlic	ELE	FH, PR, SD	
Genip	1292	GENIP			FH	F
Ginger	0178	GINGR			FH, PR, SD	
Ginseng	0089	GINS			FH, SD	
Gooseberries	0424	GOOBR			FH, PR	F
000300011103	0424	JOODK			111,11	1

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Crop Name	Crop Code	Crop Abbr	Type Name	Type Code	Intended Use	Land Use
Gourds	0322	GORDS	Chinese Okra	OKR	FH, PR, SD	CBC
			Common	COM	FH, PR, SD	
			Indian	IND	FH, PR, SD	
			Ornamental	ORN	FH, PR, SD	
Grapefruit	0030	GFRUT	Rio Red/Star Ruby	SRJ	FH, JU, PR	F
			Ruby Red	RRJ	FH, JU, PR	F
			Seedy	SDY	FH, JU, PR	F
			White	WHT	FH, JU, PR	F
ä	0.0 50					
Grapes	0053	GRAPE	*Aglianica	AGL	FH, PR	F*
			Alicante-Bouschet	ALB	FH, PR	F
			Almeria	ALM	FH, PR	F
			Aurora	AUR	FH, PR	F
			Autumn Royal	AUT	FH, PR	F
			Baco Noir	BAC	FH, PR	F
			Barberas	BAR	FH, PR	F
			Beauty Seedless	BTY	FH, PR	F
			Beta	BTA	FH, PR	F
			Black Mission	BLM	FH, PR	F
			Black Seedless	BLA	FH, PR	F
			Black Spanish	BLP	FH, PR	F
			Black Spanish/Lenoir	BSL	FH, PR	F
			Blanc Dubois	BDB	FH, PR	F
			Blanc Dubois	BLD	FH, PR	F
			Blanc Seedless	BLN	FH, PR	F
			Bluebell	BLU	FH, PR	F
			Brianna	BRI	FH, PR	F
			Buffalo/Rubiana	BUF	FH, PR	F
			Burger	BUR	FH, PR	F
			Cabernet	CAB	FH, PR	F
			Cabernet Franc	CBF	FH, PR	F
			Cabernet Pfeffer	CPF	FH, PR	F
			Cabernet Sauvignon	CBS	FH, PR	F
			Calmeria	CAL	FH, PR	F
			Campbell	CAM	FH, PR	F
			Canadice	CAD	FH, PR	F
			Cardinal	CDR	FH, PR	F
			Carignane	CAR	FH, PR	F
			Carmenet	CRM	FH, PR	F
			Carnelian	CAN	FH, PR	F
			Cascade	CAC	FH, PR	F
			Castel	CAS	FH, PR	F
			Catawba	CAT	FH, PR	F
			Cayuga	CAY	FH, PR	F

Crop Name	Crop Code	Crop Abbr	Type Name	Type Code	Intended Use	Lane Use
Grapes (Continued)	0053	GRAPE	Nebbiolo	NEB	FH, PR	F
			Neptune	NEP	FH, PR	F
			Niagara	NIA	FH, PR	F
			Noiret	NWA	FH, PR	F
			Norton	NOR	FH, PR	F
			Ny76.0844.24	NYA	FH, PR	F
			Palomino Chasselas	PGC	FH, PR	F
			Payon Dor	PAY	FH, PR	F
			Perlette	PER	FH, PR	F
			Petita Sirah	PES	FH, PR	F
			Petita Vardot	PEV	FH, PR	F
			Petite Amie	PAM	FH, PR	F
			Pinot Blanc	PTB	FH, PR	F
			Pinot Blanc (Sparkling Wine)	PTC	FH, PR	F
			Pinot Gris	PGR	FH, PR	F
			Pinot Gris (Sparkling Wine)	PGS	FH, PR	F
			Pinot Noir	PNO	FH, PR	F
			Pinot Noir - Sparkling Wine	PNR	FH, PR	F
			Pinot St George	PSG	FH, PR	F
			Port	PRT	FH, PR	F
			Prairie Star	PRS	FH, PR	F
			Prestine Seedless	PRE	FH, PR	F
			Primitivo	PRM	FH, PR	F
			Princess	PRI	FH, PR	F
			Ravat	RAV	FH, PR	F
			Rayon Dor	RAY	FH, PR	F
			Red Globe	RDG	FH, PR	F
			Red Malaga	RML	FH, PR	F
			Red Suffolk	SFR	FH, PR	F
			Red Zinfandel	RDZ		F
					FH, PR	F
			Redal Blanc Reliance	RED REL	FH, PR FH, PR	F
			Riber	RIB	FH, PR	F
			Riesling		FH, PR	F
				RIE		F F
			Rosette	ROS	FH, PR	
			Rougeon	ROU	FH, PR	F F*
			*Roussanne	ROA	FH, PR	
			Royalty	RTY	FH, PR	F
			Rubired	RBD	FH, PR	F
			Ruby Cabernet	RUC	FH, PR	F
			Ruby Red Seedless	RRS	FH, PR	F
			Ruby Seedless	RUB	FH, PR	F
			Salvador Sangiovet/Sangiovese	SAL SAN	FH, PR	F

Exhibit 10.5 2003 and Subsequent Year Crops Reported on FSA-578 (Continued)(Par. 41, 74, 75, 84, 296, Ex. 7) \*--

Crop Name	Crop Code	Crop Abbr	Type Name	Type Code	Intended Use	Land Use
Grapes (Continued)	0053	GRAPE	Saturn	SAT	FH, PR	F
			Sauvignon Vert	SAU	FH, PR	F
			Sauvignon Blanc/Fume Blanc	SAB	FH, PR	F
			Schurebe	SCH	FH, PR	F
			Semillon	SEM	FH, PR	F
			Seyval/Seyval Villard	SEY	FH, PR	F
			Sheridan	SHN	FH, PR	F
			Spike Mukley	SPI	FH, PR	F
			St Croix	STC	FH, PR	F
			St Emilion (Ugni Blanc)	STE	FH, PR	F
			St Pepin	STP	FH, PR	F
			St Vincent	STV	FH, PR	F
			Steuben	STB	FH, PR	F
			Stuken	STU	FH, PR	F
			Sultana	SUL	FH, PR	F
			Summer Royal	SUM	FH, PR	F
			Sunbelt	SUN	FH, PR	F
			Superior Seedless	SSL	FH, PR	F
			Swenson Red	SWE	FH, PR	F
			Sylvaner	SYL	FH, PR	F
			Symphony	SYM	FH, PR	F
			Syrah/French Syrah Shiraz	SYR	FH, PR	F
			Tannat	TAN	FH, PR	F
			Tempranillo/Valdepenas	TEM	FH, PR	F
			Thompson Seedless	THP	FH, PR	F
			Tinta Madera	TMD	FH, PR	F
			Tokay	ТОК	FH, PR	F
			Traminette	TRA	FH, PR	F
			Valiant	VAL	FH, PR	F
			Vanessa	VAN	FH, PR	F
			Venifera	VNI	FH, PR	F
			Ventura	VNT	FH, PR	F
			Venus	VEN	FH, PR	F
			Verdelet Blanc	VER	FH, PR	F
			Vidal	VDL	FH, PR	F
			Vidal Blanc	VDB	FH, PR	F
			Vignoles	VIG	FH, PR	F
			Villard Blanc	VBL	FH, PR	F
			Villard Noir	VNR	FH, PR	F
			Vincent	VIN	FH, PR	F
			Vitis Vinifera	VIN	FH, PR	F
			Vivant	VIV	FH, PR	F

2003 and Subsequent Year Crops Reported on FSA-578 (Continued)(Par. 41, 74, 75, 84, 296, Ex. 7)

Crop Name	Crop Code	Crop Abbr	Type Name	Type Code	Intended Use	Land Use
Plumcots	0466	PLUMC			FH, RS	F
		I				
Plums	0254	PLUMS	Early	ERL	FH, PR, RS	F
			Late	LAT	FH, PR, RS	F
			Midseason	MID	FH, PR, RS	F
*Pohole	0135	POHOL			FH	F*
D	0.4.67	DOMES				
Pomegranates	0467	POMEG			FH, JU, PR	F
Potatoes	0084	PTATO	Fingerling Potatoes	FIN	FH, PR, SD	F
1000005	0004	11110	Irish Redskinned Potatoes	IRS	FH, PR, SD	F
			Reds	RED	FH, PR, SD	F
			Russets	RUS	FH, PR, SD	F
			Speciality	SPC	FH, PR, SD	F
			Whites	WHT	FH, PR, SD	F
			Yellow	YEL	FH, PR, SD	F
			Tellow	IEL	гп, гк, зд	Г
Potatoes Sweet	0156	SWTPO	Beauregard	BEA	FH, PR, SD, SE	F
			Covington	COV	FH, PR, SD, SE	F
			Dianne	DIA	FH, PR, SD, SE	F
			Garnet	GAR	FH, PR, SD, SE	F
			Georgia Red	GEO	FH, PR, SD, SE	F
			Golden Sweet	GSW	FH, PR, SD, SE	F
			Hannah	HAN	FH, PR, SD, SE	F
			Hernandez	HER	FH, PR, SD, SE	F
			Japanese	JPN	FH, PR, SD, SE	F
			Jersey	JER	FH, PR, SD, SE	F
			Jewel	JWL	FH, PR, SD, SE	F
			Mameya	MAM	FH, PR, SD, SE	F
			Oriental	ORI	FH, PR, SD, SE	F
			Red Glow	RGL	FH, PR, SD, SE	F
			Sweet Boniato	SBE	FH, PR, SD, SE	F
			Sweet Hayman	SHA	FH, PR, SD, SE	F
			White	WHT	FH, PR, SD, SE	F
		I				
Prunes	0086	PRUNS			FH, PR, RS	F
Psyllium	0715	PSYLM			blank	
Pummelo	0906	PUMLO			FH, PR	F

2003 and Subsequent Year Crops Reported on FSA-578 (Continued)(Par. 41, 74, 75, 84, 296, Ex. 7)
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Crop Name	Crop Code	Crop Abbr	Type Name	Type Code	Intended Use	Land Use
Pumpkins	0147	PUMKN	Chinese Pumpkins	CHI	FH, PR, SD	F
			Cushaw	CUS	FH, PR, SD	F
			Ghost	GHO	FH, PR, SD	F
			Howden Pumpkins	HOD	FH, PR, SD	F
			Jack-O-Lantern	JAC	FH, PR, SD	F
			Kobacha/Calabaza	KOB	FH, PR, SD	F
			Mammoth	MAM	FH, PR, SD	F
			Mini Pumpkins	MIN	FH, PR, SD	F
			Sugar	SUG	FH, PR, SD	F
	0.4.60	ound			EH DD	
Quinces	0468	QUINC			FH, PR	F
Quinoa	0716	QUINO			GR	
	0,10	Quillo				-
Radishes	0148	RADIS	Chinese	CHI	GM	
			Chinese	CHI	FH, LS, SD	F
			Daikon	DAI	GM	
			Daikon	DAI	FH, LS, SD	F
			Hybrid	HYB	GM	
			Hybrid	HYB	FH, LS, SD	F
			Korean	KOR	GM	
			Korean	KOR	FH, LS, SD	F
			Oilseed	OLS	GM	
			Oilseed	OLS	FH, LS, SD	F
			Open Pollinated	OPN	GM	
			Open Pollinated	OPN	FH, LS, SD	F
Raisins	0037	RAISN			blank	F
Rambutan	7164	RMBTN		_	FH, PR, RS, SD	F
Kambutan	7104	RIVIDTIN		_	111, 1 K, K5, 5D	1
Rapeseed	0129	RAPE			FG, GM, GZ, SD	
Rhubarb	0335	RHUBR			FH, PR, RS	F
Rice	0018	RICE	Long Grain	LGR	blank	
Nice -	0010	NICL	Medium Grain	MGR	blank	
			Short Grain	SGR	blank	
				JOK		
Rice, Industrial	1217	RICEI			blank	
Note: Report genet	ically engine	ered rice, su	ch as "ventria" under industria	al rice.		
Rice, Sweet	0904	RICES			blank	
D' 11/11	0.511	DIGENI				
Rice, Wild	0641	RICEW			blank	

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2003 and Subsequent Year Crops Reported on FSA-578 (Continued)(Par. 41, 74, 75, 84, 296, Ex. 7)

Crop Name	Crop Code	Crop Abbr	Type Name	Type Code	Intended Use	Land Use
Tangors	1302	TANGS			FH	F
Tangos	0478	TANGO			FH	F
Tannier	0187	TANRS	Purple	PUR	FH	F
			Rascana	RAS	FH	F
			White	WHT	FH	F
			Yellow	YEL	FH	F
Taro	0535	TARO	Chinese	CHI	FH, PR	F
			Giant	GIA	FH, PR	F
			Poi	POI	FH, PR	F
			Xanthosoma	XAN	FH, PR	F
	0150				DD 4	
*Tea	0179	TEA			PR*	_
Teff	1223	TEFF			FG, GR, GZ	
Temporary	7000	TEMP			blank	
Tobacco	0012	CIWTB	Cigar Wrapper		blank	
		I				
Tobacco, Burley	0001	BURTB			blank	
Tobacco, Burley 31V	0013	BURLV			blank	
Tobacco, Cigar Binder	0008	CIBTB	Cigar Binder (051)	CBA	blank	
			Cigar Binder (052)	CBB	blank	
		r T				
Tobacco, Cigar Filler	0010	CIFTB	Cigar Filler Tobacco (041)	CGA	blank	
Tobacco, Cigar Filler	0007	CFBTB	Cigar Filler Binder (054)	CFA	blank	
Binder	0007	CIDID	Cigar Filler Binder (055)	CFB	blank	
		I				_
Tobacco, Dark Air	0005	DACTB	Dark Air Cured (035)	DAA	blank	
Cured			Dark Air Cured (036)	DAB	blank	
Tobacco, Fire Cured	0004	FICTD	Fire Cured (022)	ED A	blank	
Tobacco, Fire Cured	0004	FICTB	Fire Cured (022) Fire Cured (023)	FRA FRB	blank blank	
				TKD		
Tobacco, Flue Cured	0002	FCTB	Flue Cured (012)	FCA	blank	
			Flue Cured (013)	FCB	blank	
			Flue Cured (014)	FCC	blank	
			Flue Cured (11A)	FCD	blank	
			Flue Cured (11B)	FCE	blank	
Tobacco, Maryland	0009	MDTB			blank	
100acco, marylallu	0009	MDID			UIAIIK	

Exhibit 10.5 2003 and Subsequent Year Crops Reported on FSA-578 (Continued)(Par. 41, 74, 75, 84, 296, Ex. 7) \*--

	Crop	Crop		Туре		Land
Crop Name	Code	Abbr	Type Name	Code	Intended Use	Use
Tobacco, Virginia Fire Cured	0003	VFCTB			blank	
Tobacco, Virginia Sun Cured	0006	VSCTB			blank	
		1				
Tomatillos	7158	TOMTL			FH, PR	F
Tamataa	0097	тиато	Charme	CUD		F
Tomatoes	0087	TMATO	Cherry	CHR	FH, PR, RS, SD	
			Grape	GRP	FH, PR, RS, SD	F
			Green	GRN	FH, PR, RS, SD	F
			Hybrid	HYB	FH, PR, RS, SD	F
			Japanese	JPN	FH, PR, RS, SD	F
			Plum	PLM	FH, PR, RS, SD	F
			Yellow	YEL	FH, PR, RS, SD	F
Trees, Timber	7506	TREES			blank	
Triticale	0158	TRICL			FG, GM, GR, GS, GZ, LS, SD	
Thucale	0138	TRICL			FG, GM, GK, GS, GZ, LS, SD	_
Turn Areas, Terraces, etc.	0105	TRNAR			blank	
Turnips	0160	TRNIP	Hybrid Turnip	HYB	GZ	
rumps	0100	IXINI	Hybrid Turnip	HYB	FH, PR, SD	F
			Open Pollinated	OPN	GZ	1
			Open Pollinated	OPN	FH, PR, SD	F
			Open i onniated	OIN	111, 1 K, 5D	1.
Vanilla	1295	VANIL			blank	_
		L				
Vetch	0435	VETCH	Cicer Milkvetch	CIC	FG, GM, GZ, SD	
			Common Vetch	COM	FG, GM, GZ, SD	
			Crown Vetch	CRW	FG, GM, GZ, SD	
			Hairy Vetch	HRY	FG, GM, GZ, SD	
337.1	0020		DI I	DLK	11 1	Б
Walnuts	0029	WLNUT	Black	BLK	blank	F
			English	ENG	blank	F
Wampee	7320	WAMPI			blank	
Water Cress	0613	WACRE			FH, PR	F
Water Impoundment Structure	0776	WTRIS			blank	
Waterbank	0093	WBP			blank	

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