

Name of Practice: Continuous No-till System
DCR Specifications for No. SL-15A

This document specifies terms and conditions for the Virginia Department of Conservation and Recreation's continuous no till system best management practice, that are applicable to all contracts, entered into with respect to that practice.

A. Description & Purpose

Implement Continuous No-till system and nutrient management technologies resulting in the reduction of non-point source pollution to state waters from nutrients and sediments. To increase biomass/soil quality and recognize nutrient management indicators and to manage the movement of nitrogen, phosphorus, sediments and runoff with the use of no-till planting. To encourage the conversion of minimum and conventional tillage fields to a continuous no till system

B. Policies & Specifications

1. Eligibility

- i. All eligible fields must be converting from a minimum till or conventional till systems to a continuous no till system.
 - ii. All eligible fields must have a cropping history two out of the past five years.
 - iii. Only double crop cash grain or cotton rotations that include at least two crops of small grain in five years are eligible. All required small grain crops may be harvested for grain only. Straw must remain on the field. Permanent grass or hay land is not considered cropland
2. If the planting of a cover crop is needed to maintain biomass, producer is eligible to plant cover under SL-8B, WQ-4 or SL-8C.
 3. Producers must be fully implementing a current nutrient management plan prepared and signed by a certified nutrient management planner. Cost-Share payments shall not be made until a current nutrient management plan is on file with the SWCD. SWCD staff should utilize the NMP maps, nutrient balance sheets, and summary sheets to confirm conservation practice implementation. A comparison between crop recommendations and in field conditions shall be used when certifying conservation practice compliance. The plan must include all appropriate agricultural production acreage contained within the tract that this BMP will be implemented on and must be on file with the local SWCD.
 4. The system must be maintained for a minimum of five years.
 5. All crops must be planted using no-till methods.
 6. State cost-share will be provided only one time per field.

7. Fields that have received payment in federal continuous no till programs are not eligible to participate in this practice. However, fields that have received cost share payment through this practice are not restricted by this practice from participation in Federal or State conservation systems programs.
8. This practice is subject to NRCS Standards 329 Residue and Tillage Management No-Till/Strip Till/Direct Seed, 340 Cover Crop, 328 Conservation Crop Rotation, 590 Nutrient Management, and 595 Pest Management.
9. Biomass requirements for cash grain, oilseed, cotton and small grain rotations must maintain a minimum of 60% residue cover on the enrolled acres must be maintained for the lifespan of the practice.

C. Rate

The state cost-share rate is a one time incentive payment of \$100 per acre.

D. Technical Responsibility

Technical responsibility is assigned to SWCDs with consultation with the Virginia Certified Nutrient Management Planner, NRCS, VCE, DGIF, and/or DOF if deemed necessary. All component practices used in the installation of this are subject to spot check procedures and any other quality control measures.

Revised April, 2008

NUTRIENT APPLICATION FIELD RECORD SHEET

Farm Name: _____ FSA Farm #: _____ FSA Tract #: _____ FSA Field #(s): _____

Manure Type: (poultry, liquid dairy, swine, etc.) _____ Crop: _____ Acres: _____

Manure/Biosolids				Commercial Fertilizer/Lime						
Date	Incorporation ¹ Time	Acres Applied	Actual Rate/acre	Date	Commercial Fertilizer Plant Food lbs./acre			Method ²	Date	Lime Tons/Acre
					N	P	K			

¹ Incorporation: Immediate, greater than two days, (>2 days), >4 days, or > 7 days ² Starter=ST, Broadcast= BR, Top Dress=TD, Side Dress = SD

Farm Name: _____ FSA Farm #: _____ FSA Tract #: _____ FSA Field #(s): _____

Manure Type: (poultry, liquid dairy, swine, etc.) _____ Crop: _____ Acres: _____

Manure/Biosolids				Commercial Fertilizer/Lime						
Date	Incorporation ¹ Time	Acres Applied	Actual Rate/acre	Date	Commercial Fertilizer Plant Food lbs./acre			Method ²	Date	Lime Tons/Acre
					N	P	K			

¹ Incorporation: Immediate, greater than two days, (>2 days), >4 days, or > 7 days ² Starter=ST, Broadcast= BR, Top Dress=TD, Side Dress = SD

I certify that the nutrient applications recorded above are true and accurate and do not exceed recommendations from my nutrient management plan and I am therefore eligible to receive cost-share funding.

Signature
(DCR – 199 – 172) (05-07)

Date

NUTRIENT APPLICATION FIELD RECORD SHEET

Farm Name: Jones FSA Farm #: 213 FSA Tract #: 5431 FSA Field #(s): 5

Manure Type: (poultry, liquid dairy, swine, etc.) Liquid dairy Crop: Corn Acres: 10

Manure/Biosolids				Commercial Fertilizer/Lime						
Date	Incorporation ¹ Time	Acres Applied	Actual Rate/acre	Date	Commercial Fertilizer Plant Food lbs./acre			Method ²	Date	Lime Tons/Acre
					N	P	K			
5/12/06	>7 days	5 West end	7,200 gal.	5/13/06	20	30	60	BR		
5/22/06	>7 days	5 East end	6,000 gal.	6/25/06	90	0	0	SD		

¹ Incorporation: Immediate, greater than two days, (>2 days), >4 days, or > 7 days ² Starter=ST, Broadcast= BR, Top Dress=TD, Side Dress = SD

Farm Name: Smith FSA Farm #: 213 FSA Tract #: 5431 FSA Field #(s): 6

Manure Type: (poultry, liquid dairy, swine, etc.) Liquid dairy Crop: Barley Acres: 40

Manure/Biosolids				Commercial Fertilizer/Lime						
Date	Incorporation ¹ Time	Acres Applied	Actual Rate/acre	Date	Commercial Fertilizer Plant Food lbs./acre			Method ²	Date	Lime Tons/Acre
					N	P	K			
10/1/2006	>2 days	10	6,000 gal.					BR	9/22/06	2
				2/21/07	30	0	0	SD		

¹ Incorporation: Immediate, greater than two days, (>2 days), >4 days, or > 7 days ² Starter=ST, Broadcast= BR, Top Dress=TD, Side Dress = SD

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Signature
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Date