329 – Residue and Tillage Management No Till Implementation Requirements

Producer: Location:		Project or Contract: County:			
Farm Name:		Tract Number:			
Description of work:					
Practice Location: Refer to Conservation Plan Map					
Practice Purpose(s): (check all that apply)					
Reduce sheet, rill, and wind erosion.					
☐ Reduce tillage-induced particulate emissions.					
Maintain or increase soil quality and organic matter content.					
\square Reduce energy use.					
☐ Increase plant-available moisture.					
Provide food and escape cover for wildlife.					
		-			
Complete the following table (or, attach the Erosion/Tillage/Crop Rotation printout with the same information):					
Field(s)		, .O.,	,		
Planned crop(s)	Amount of residue produced by each crop (lbs./acre or % surface cover	List ALL fields operations or activities that affect residue cover, residue orientation, or surface disturbance	Operation or activity timing (month)		

Amount of Residue and Timing of Residue Cover required to accomplish the purpose(s): Amount of residue required Time of year residue Planned crop(s) (lbs./acre or % surface must be present (month) Soil tillage intensity rating (STIR) value to accomplish purpose(s); must be <20 Soil conditioning index (SCI) value to accomplish purpose(s) Additional Required Documentation for Purpose of Increasing Plant-Available Moisture (☐ Yes ☐No) Moisture Retention- Crop stubble height during the time of expected evaporation losses shall be: At least 10 inches for crops with a row spacing of less than 15 inches. At least 15 inches for crops with a row spacing of 15 inches or greater. Note: These stubble heights must be present on at least 60% of the field. Snow Trapping- Crop stubble height during the time significant snowfall is expected to occur shall be: ☐ At least 10 inches for crops with a row spacing of less than 15 inches. ☐ At least 15 inches for crops with a row spacing of 15 inches or greater. Note: These stubble heights must be present over at least 50% of the field. Operation and Maintenance: ☐ Evaluate/measure the crop residues cover and orientation after each crop to ensure the planned amounts and orientation are achieved. Adjust management as needed to maintain adjusted residue amount and orientation or adjust the planting and/or harvesting equipment. ☐ Limited tillage is allowed to close or level ruts from harvesting equipment. No more than 25% of the field may be tilled for this purpose. ☐ If there are areas of heavy residue accumulation (because of movement by water or wind) in the field, spread the residue prior to planting so it does not interfere with planter operation. **Attachments:**

Erosion/tillage/crop rotation printout

Certify and document installation of conservation practices according to <u>Title 450, General Manual (GM),</u> <u>Part 407</u>, and applicable conservation practice Statement of Work (SOW) found in Section IV of the eFOTG.

PRACTICE DESIGN					
(Anyone can prepare Implementation Requirements (IR), granted it is reviewed and appr	oved by an individua	al with appropriate Design JAA)			
IR Prepared by (Name & Title):	Date:	Project JAA Class:			
(Individuals with appropriate Design JAA can prepare, design, and approve their own work)					
Design Approved by (Name & Title):	Date:	Design JAA Level:			
(Anyone can review the IR with the Client/Producer, granted it's been approved by an individual with appropriate Design JAA)					
Implementation Requirements Reviewed with the Client/Producer on (insert date):					
Printed Producer Name	Produce	er Signature			
PRACTICE CONSTRUCTION & CERTIFICATION					
I. Practice Installation (Anyone can perform Practice Installations, granted it is performed under the technical supervision of an individual with appropriate C&C JAA)					
Pre-Construction/Implementation meeting completed with Client/Contractor on (insert date):					
Completed By (Name & Title):		_ C&C JAA Level:			
Implementation TA provided by (Name & Title):		_			
Implementation TA provided by (Name & Title):	Date:	_			
II. On-Site Practice Inspection & Checkout					
(Anyone can perform On-Site Practice Inspections & Checkouts, granted it is certifi	ed by an individual w	rith appropriate C&C JAA)			
Amount Completed:(units) (Note: Take picture(s) and mark As-Built location on practice certification map)					
Remarks:					
Checkout by (Name & Title):	Date:	_ C&C JAA Level:			
III. Construction/Installation Certification					
(Only individuals with appropriate C&C JAA can validate and approve Co	onstruction/Installatio	n certifications)			
This practice meets NRCS standards and specifications: Yes No (If No, state reason(s) in remarks section below).					
Remarks:					
Certification by (Name & Title):	Date:	C&C JAA Level:			