



Soil Quality Enhancement Activity – SQL01 – Controlled traffic system

Additional State Criteria:

- a. For rotations with close sown/drilled crops such as wheat, alfalfa, drilled soybeans, etc. skip rows or GPS guidance systems must be utilized for all field operations.
- b. Full width tillage greater than 4 inches is not allowed (i.e. disking, chisel, sub-soiler).
- c. Full width tillage less than 4 inches must use GPS guidance to maintain tractor travel lanes.
- d. Controlled traffic does not apply for split row planting operations since rows and wheel track are not maintained from year to year

DOCUMENTATION REQUIREMENTS

A description of the controlled traffic system that includes:

- List of fields with controlled traffic system
- Crop rotation for the fields
- Equipment used
- Row spacing and number of planter units
- Planting width for drills
- Wheel/track spacing and operational width for tractors, combines, grain carts, harvesters, manure spreaders, etc. Tires on planters and drills can be ignored
- Sketch of the traffic paths and wheel/track spacing.

In addition, complete the Table below:

To be completed by NRCS and Producer during planning			To be completed by Producer during certification	
1	2	3	4	5
Tract	Field	Acres Planned	Acres Applied	Date Applied
<i>Ex. T1001</i>	<i>1</i>	<i>100 acres</i>	<i>100 acres</i>	<i>11/11/2010</i>

EX= EXAMPLE, COLUMNS 1-3 NRCS COMPLETES, COLUMNS 4-5 PRODUCER COMPLETES



Provide a narrative description of the controlled traffic system:

List equipment used (tractors, combines, grain carts, harvesters, manure spreaders, etc.):

Equipment Type (see notes below)	Tire/Track Spacing (in.) Center to Center	Largest Tire/Track Width (in.)	Operational Width (ft.) Center to Center

Notes:

1. List tractors with different wheel widths and spacing.
2. List combines/harvesting equipment with different wheel widths, spacing, and operational width.
3. List tillage/spraying/fertilizer application, etc. with different wheel widths, spacing, and operational widths.

List planters and drills used:

Equipment	Row Spacing	Number of Rows	If Skip Rows Used, Document Spacing
Planter 1			
Planter 2			
Planting Width			
Drill 1			
Drill 2			



Delineate wheel/track spacing and paths, and specify inches or number of rows (refer to Figure 1 EXAMPLE)

Centerline for widest planter/drill		Centerline for widest planter/drill	
Planter & Tractor			
Seed Drill & Tractor			
Tillage & Tractor Configuration #1			
Tillage & Tractor Configuration #2			
Spraying Equipment			
Combine/Harvester Configuration #1			
Combine/Harvester Configuration #2			
Grain Cart			
Fertilizer Applicator/Manure Spreader			
Notes:			

I certify that the information above meets specifications and has been provided to NRCS along with the following documentation:

1. A map showing the location of the acres where the practice was applied.

Certified by: _____ **Date:** _____