



CONTROLLED TRAFFIC FARMING (334)

CONTROLLED TRAFFIC FARMING

Controlled traffic farming (CTF) is confining all high load wheel/track traffic from farm equipment to specific lanes or tramlines (traffic pattern) in crop fields year after year.

PURPOSE

This practice is used to limit heavy wheel and track axle loads to confined traffic lanes.

Additional conservation benefits may include, improvement of nutrient use efficiency, increased crop yields, and increased soil water availability for crops.

CONDITIONS WHERE PRACTICE APPLIES

This practice applies to cropland where wheel traffic can be limited to specific traffic lanes.

PLANNING REQUIREMENTS

Limit wheel and track traffic to no more than 33 percent of the soil surface.

The same tracks must be used for all high load traffic continually.

A Geographic Positioning System (GPS) shall be used to guide field operations, wheeled and track traffic when the designated traffic lanes are obscured.

For the configured traffic pattern established, the tillage depth shall be 4 inches or less.

PLANS AND SPECIFICATIONS

Plans and specifications shall be prepared for each field site where the Controlled Traffic Farming system will be installed.

Plans and specifications will include:

- » Conservation Plan Map
- » Crops to be grown
- » Row widths of all crops
- » Width and spacing of tires/tracks of all equipment
- » Current percentage of field surface traffic that receives controlled traffic and the planned percentage of field surface traffic.

OPERATION AND MAINTENANCE

As older equipment is replaced, purchase equipment that will enhance the CTF system, reducing the number of tramlines in the system.

If ruts develop, use tillage or other specialized equipment to remove ruts and reestablish controlled traffic lanes.



CONTROLLED TRAFFIC FARMING DOCUMENTATION WORKSHEET

Client's Name: _____ Farm Number: _____

Tract Number: _____

The practice purpose is to limit heavy wheel and track axle loads to confined traffic lanes.

Complete the following table documenting the **current** and any **planned** changes to crop row width.

Crops in Rotation (shown in sequence)	Current Crop Row Width	Planned Crop Row Width

Complete the following table documenting the **current** equipment width and spacing used for the above crop rotation.

Equipment Used in Crop Rotation	Width of Equipment (feet)	Tire/Track Spacing (on-center Inches)

Complete the following table documenting any **planned** changes to equipment width and spacing used for the above crop rotation.

Equipment used in Crop Rotation	Width of equipment (feet)	Tire/Track spacing (on-center Inches)

Planned system must be no more than 33 percent of the soil surface.

Current System (% surface traffic): _____ Planned System (% surface traffic): _____

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COST SHARE DOCUMENTATION FOR CASE FILE

Before payment is made, the following information is required to be in the case file:

- Plan or location map, or photograph of the field and documentation of practice layout according to plans and specifications is present in the client case file and include the following:
- Photographs of the installed practice that include:
 - » Date photo was taken in the field.
 - » Statement of what the photo represents, when clarification is required.
- Field verification is documented and a certified planner verified “as installed” this practice meets NRCS standards and specifications.
 - » Planned animal units per systems: _____
 - » Applied animal units per systems: _____

Practice Certification (NRCS USE ONLY)

I certify that the practice as installed is complete and meets the applicable Wisconsin NRCS Conservation Practice Standard and all applicable practice specifications. Any changes to the original practice design have been approved and are documented on the original practice design “as installed.”

Certified Planner (print)

Certified Planner (sign)

Date

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Client Name: _____

Planner Name: _____

Practice Purpose: _____

PLANNED PRACTICE LOCATION AND EXTENT

Contract Number	Contract Identification Number (CIN)	Tract Number	Field Number(s)	Systems/AUs Contracted	Systems/AUs Planned	Actual Systems/AUs Applied (NRCS USE ONLY)

**A completed copy of this page must be submitted for a financial assistance payment to be processed.*

Notes: