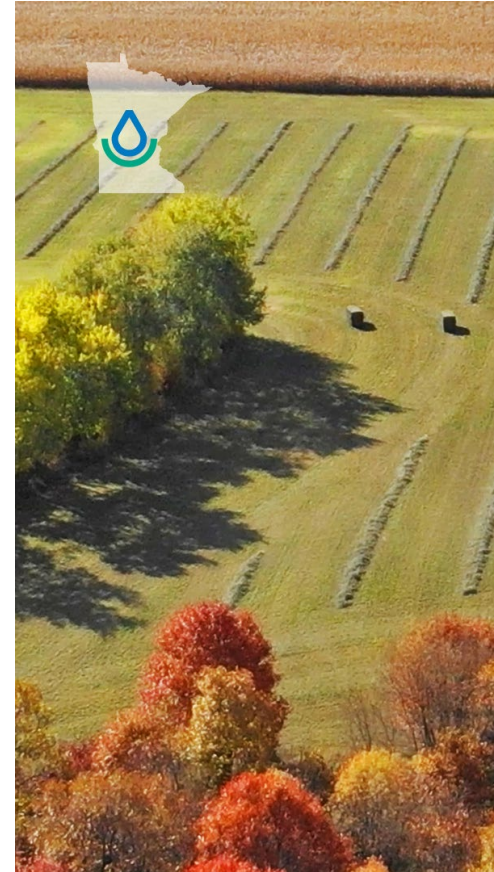


Controlled Traffic Farming (334)

- **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**
- **This practice is used to accomplish the goal of improving soil health by limiting wheel traffic compaction to limited traffic lanes**
- **This practice applies to cropland where wheel traffic can be limited to specific traffic lanes**



Natural
Resources
Conservation
Service

nrcs.usda.gov/



Controlled Traffic Farming (334)



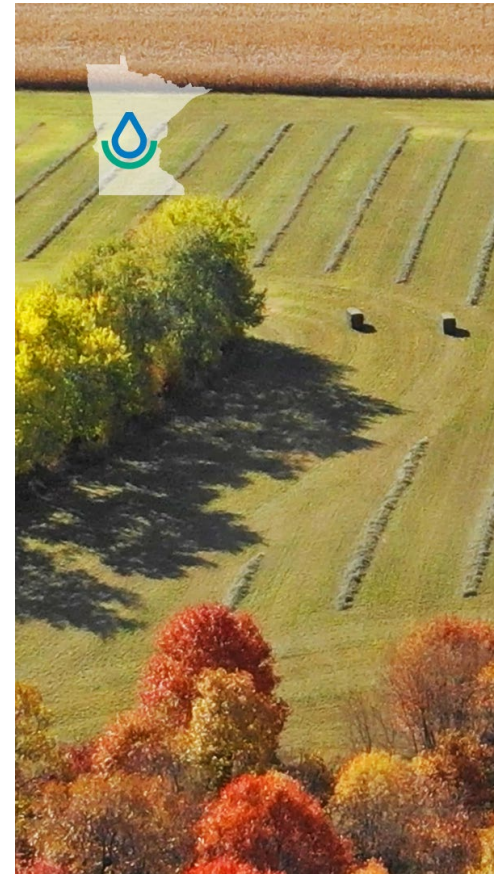
http://global-farming.de/Services-in-agricultural-sector_81_en.html

Conservation
Service

nrcs.usda.gov/

Field Operations Emissions Reduction (376)

- Adjusting field operations and technologies to reduce emissions of particulate matter (PM) and oxides of nitrogen from field operations
- This practice applies to cropland



Natural
Resources
Conservation
Service

nrcs.usda.gov/



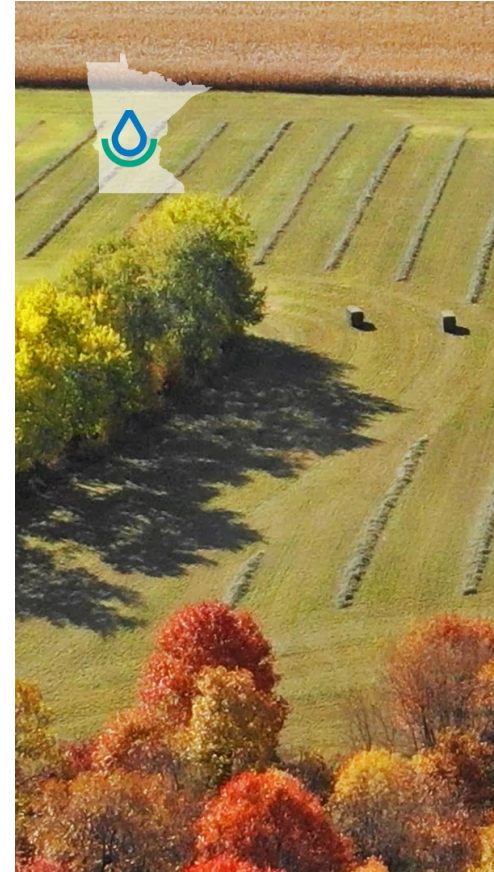
Field Operations Emissions Reduction (376)

- **Document a demonstrated reduction in annual emissions from the benchmark (current system) to the planned system by using one or more of the following**
 - Utilize equipment that allows multiple operations in a single pass to reduce the number of field passes
 - To reduce total soil disturbance, use global positioning system and steering technologies that minimize overlap of field passes
 - Use alternative equipment and/or equipment retrofits that reduce emissions. This can include dustreducing technology (such as misters, deflectors, etc.), increasing equipment size to reduce net field passes, and changes to bed/row size or spacing.
 - Modify the timing of field operations so that PM emissions are reduced.



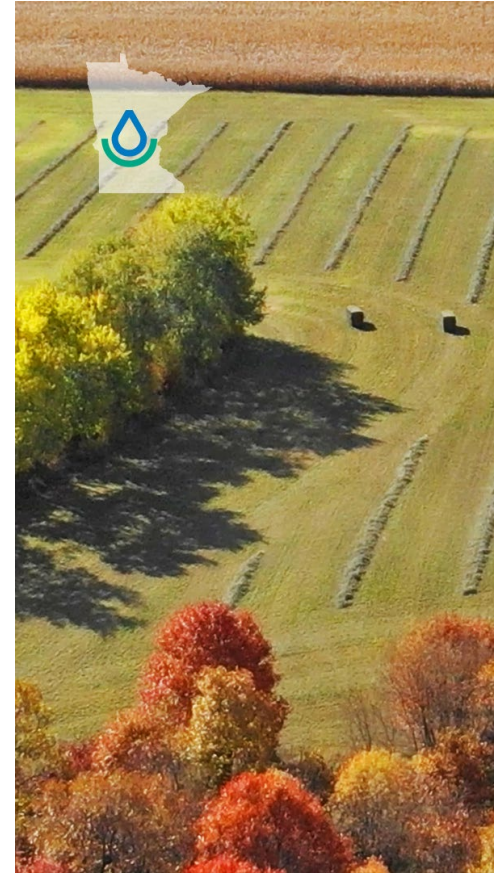
Amending Soil Properties with Lime (805)

- Adjust the soil pH with lime to change physical and chemical properties of the soil to achieve a conservation objective
- This practice applies to cropland, pasture, and associated agricultural lands where the soil pH is below the desired range and lime can be applied to increase the soil pH to achieve a conservation benefit
- Management of pH is a fundamental to all key soil health principles
- Lime recommendations greater than 3000 lbs of ENP will be split applied



Conservation Harvest (809)

- Under evaluation
- Managing the amount, orientation, and distribution of crop and other plant residues on the soil surface
- Meant for leaving residue intact, onsite, and undisturbed during critical wind and water erosion periods



Natural
Resources
Conservation
Service

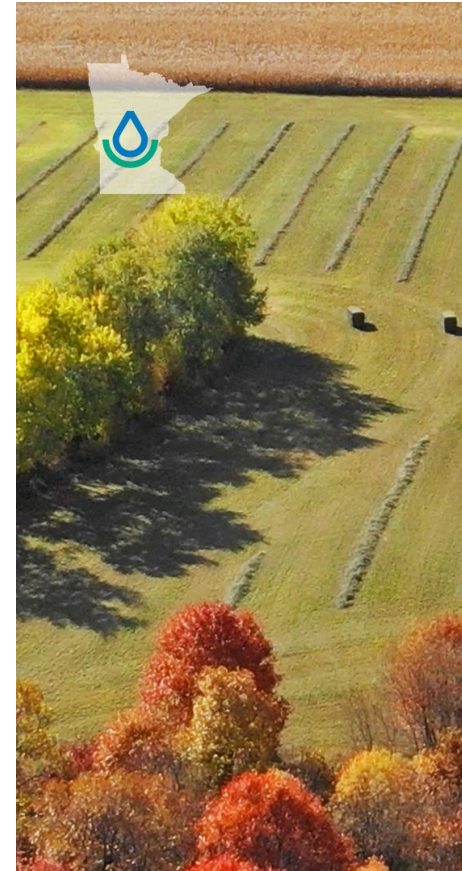
nrcs.usda.gov/



Conservation Crop Rotation (328) Scenarios

Small grain scenario

- This practice payment is provided to the producer for the time needed to plan and implement the logistics of adding a winter annual or spring planted small grain into crop rotation
- The crop is intended to be harvested
- Should be implemented with a change of crop species to a small grain in the rotation
- Cannot be paired with Cover Crop 340 at same time
- Does open planting window for utilizing a cover crop



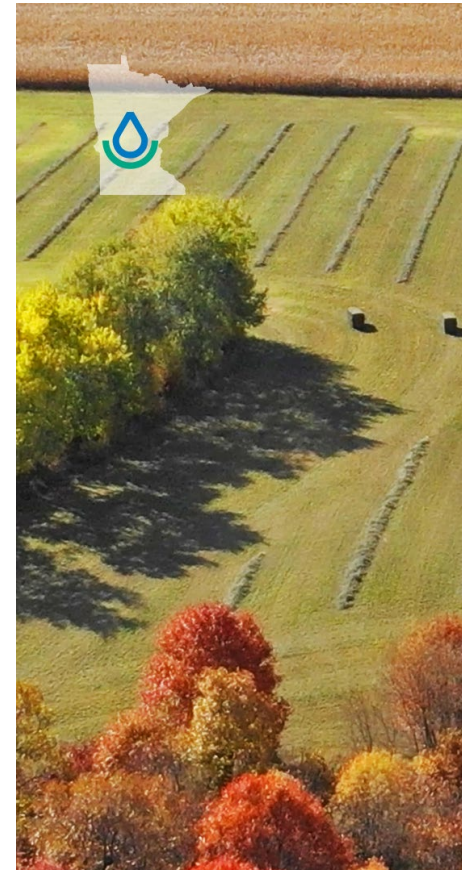
Natural
Resources
Conservation
Service

nrcs.usda.gov/

Conservation Crop Rotation (328) Scenarios

Perennial scenario

- This practice payment is provided to the producer for the time needed to plan and implement the logistics of adding a short term perennial such as alfalfa or intermediate wheatgrass into crop rotation to effectively implement a conservation crop rotation on a cropland farm by adding a perennial crop for either forage, grain, or dual purpose use to their cropping system.
- The crop is intended to be a harvested and must be grown for at least 3 years after planting
- Should be implemented with a change in crop species being grown



Natural
Resources
Conservation
Service

nrcs.usda.gov/