

FRD01 - On Farm Research and Demonstration



On Farm Research and Demonstration

On farm research and demonstration consists of the implementation of applied research projects on working farms to gather information and demonstrate the efficacy of the activity. The projects must fit within identified state priority topic areas.

Benefits

Researchers often need willing farmers to help them carry out research projects on working farms.

Participating in such projects can help farmers learn about new technologies while helping researchers determine the results of new technologies. The results of the research can help NRCS identify new and innovative techniques to address on farm conservation problems.

Criteria for On Farm Research

The research projects must be conducted by an entity that is seeking to determine the value of a conservation practice, component, treatment or process. The entity must have the means and expertise to conduct the research, analyze the findings and develop conclusions from the findings that are relevant to NRCS. This is not intended to require farmers to initiate on farm research and demonstrations but rather to encourage them to participate in new or ongoing research projects sponsored by other responsible parties such as universities or other research oriented entities. However, if farmers have the necessary capability they can initiate their own projects within the topic areas identified by their state and the criteria of this activity.

Projects proposals must include:

- Goals of the research and demonstration
- A schedule showing completion of the project during the contract period
- A chronological list or plan of activities expected to take place during the project
- Planned end products or outcomes from the project

Documentation Requirements for On Farm Research and Demonstration

- Results or conclusions from the research and demonstration
- Documentation of the CSP participant's participation in the research project including:
 - A schedule of activities undertaken by the participant
 - Fields or other areas of the farm involved in the research

Special Enhancements

FRD01 – OR On Farm Research and Demonstrations

General Description:

Oregon NRCS will consider On Farm Research and Demonstration projects proposals addressing the following priority areas:

Pollinators

1. Investigate the impacts of various agricultural production systems on the life cycles of pollinators.
2. Evaluation of PMC released plant materials to identify pollinator friendly species for use at the farm level.

Energy

1. Evaluate energy usage for traditional farming practices vs. conservation systems. For example, conversion to a grazing dairy vs. a confined dairy.

Water Quality

1. Evaluate various cover crops for nutrient uptake and recycling nutrients.

The applicant must submit for NRCS review a proposal that complies with the criteria for on-farm research as described above. Note that this enhancement is not intended to require farmers to initiate on farm research and demonstrations but rather to encourage them to participate in new or ongoing research projects sponsored by other responsible parties such as universities or other research oriented entities. However, if farmers have the necessary capability they can initiate their own projects within the topic areas identified by their state and the criteria of this activity. NRCS will review all proposals and reserves the right to reject proposals that do not meet project proposal requirements or valued results.

Submitted proposals must clearly state the following:

- Goals of the research and demonstration
- A schedule showing completion of the project during the contract period
- A chronological list or plan of activities expected to take place during the project
- Planned end products or outcomes from the project

On-Farm Research and Development Project: Documentation Requirements

Client	Cooperating Research Entity and point of contact	Cooperating NRCS Field Office
Name:	Name:	Name:
Address:	Address:	Address:
Email:	Email:	Email:
Phone:	Phone:	Phone:

Schedule of activities undertaken by the participant (use attachments as needed)

Results or conclusions from the research and demonstration (use attachments as needed)

Use the following table and attach a plan map to document locations of the field(s) or other areas of the farm involved in the research and demonstration projects.

Farm	Tract	Field	Acres

Client Certification

I certify that I have participated in the On-farm research and demonstration in the locations listed above.

Participant Name: _____

Signature: _____

Date: _____

Reviewed by: _____

Date: _____