

OAWP BMP Cost Share Program

Data Collection Requirements for Approved Cost Share Projects

All approved project items are listed under their applicable category (Nutrient Management, Irrigation Management, and Water Resource Protection) and subcategory below. Each item has a bulleted list of required data the producer must provide at the specified frequencies below. Data collection requirements for a new item that is approved for reimbursement will be identified prior to executing a cost share agreement. Producers will provide the data listed below, based on the subcategory and approved item they received funding for, at the time of their next IV (if 80%) or next two IVs (if 90%).

Nutrient Management

Precision Nutrient Application

Nutrient Applicator – Dry Fertilizer Variable Rate Technology (VRT); Nutrient Applicator – Dry Fertilizer Band VRT; Variable Rate Controller:

- Number of acres planted;
- Number of applications per year,
- Other application methods utilized, and
- Crop type.

GPS Unit; GPS – Receiver Display; GPS – Autosteer; RTK System:

- Number of acres planted,
- List of all precision implements (anything else you are using; where did you get it from),
- Precision Ag Management System (e.g., John Deere, Valley, etc. applications and technologies),
 - Brand of system
- How producer is using the system (“do you rely on these apps to make decisions?”), and
- Crop type.

Grid Sampling:

- Maps, and
- Application recommendations from mapping (P and EC).

Laser Leveling:

- Irrigation type,
- Number of acres affected, and
- Crop type.

Liquid Nutrient Applicator – Liquid Band; Liquid Nutrient Applicator - Variable Rate; Mobile Nurse Tank Used for Fertigation; Nurse Tank for Liquid Applicators:

- Number of acres planted,
- Number of applications per year,
- Other application methods utilized,
- Crop type,
- Rate of Nitrogen, and
- Proof of liquid Nitrogen purchases (to ensure differentiation from a sprayer).

Fertigation Chemigation Systems:

- Number of acres fertigated,
- Amount of Nitrogen and Phosphorous utilized per year, and
- Fertigation schedule (dependent on crop type).

Conservation Tillage

No-Till Drill; Rip/Strip Till; Ripper Roller; Vertical Till:

- Number of acres planted,
- Crop type,
- List of other Conservation Tillage Equipment owned, and
- Crop Rotation System.

Cover Crop Management

Air Seeder; Flail Mower; Roller Crimper:

- Number of acres planted,
- Crop type,
- Other Government funding sources for cost share,
- Crop rotation system,
- Cover crop acres planted,
- Species planted,
- Seeding method,
- Timing of seeding, and
- Top three benefits for your operation.

Other Nutrient Management Implements

Aerator:

- Fertilizer application technique,
- Other application methods utilized (e.g. CRF, variable rate, split application), and
- Fertilizer source.

Manure Spreader:

- Pasture grazing schedule (e.g., are you planting a winter forage, etc.),
- Average herd size and type of species, and
- Stocking rate (greater than or less than a certain number, dependent on species, size of property).

Irrigation Management

Precision Irrigation

Soil Moisture Sensor; Weather Station:

- Participation with UF/IFAS Soil Moisture Sensor Network,
- Soil probe data,
- Number of Soil Moisture Probes on entire operation,
- Location of Soil Moisture Probes,
- GPS coordinates,
- Power train fuel source (Diesel, Gas, Solar, Electric, other),
- System type,
- Number of irrigation systems,

- Irrigation frequency,
- Leaching rain events by date (if you apply additional fertilizer),
- Irrigated acres, and
- Whether or not you are fertigating.

Irrigation Upgrades

Irrigation Automation; Irrigation Conversion; Irrigation Design; Irrigation Improvement; Irrigation Power Plant; Alternative Irrigation Power Plan for Emergency Situations; Flow Meters:

- Mobile Irrigation Lab (MIL) Data,
- Irrigated acres,
- Irrigation frequency,
- Whether or not you are fertigating,
- Nitrogen and Phosphorous rates from Fertigation,
- Prior irrigation type on site,
- Whether your irrigation systems are automated, and
- Number of automated irrigation systems and number of non-automated irrigation systems.

Water Resource Protection

Water Conservation

Tailwater Recovery; Irrigation Drain Tile:

- Acres irrigated by reused water,
- Mobile Irrigation Lab (MIL) Data,
- Pre and Post MIL data, and
- Frequency of offsite discharges.

Water Storage and Retention; Water Control Structure:

- Volume,
- Whether a nutrient reduction has been calculated - If not, whether it would be possible to calculate a nutrient reduction (such calculation may assist with funding),
- Active time of year, and
- Open culverts (if applicable) - whether the utilized area run into a larger tributary, and if so, the name of the larger tributary.

Fencing

Exclusion Fencing; Cross Fencing:

- Grazing schedule,
- Map of fence cost shared,
- Map of resource concerns on site,
- Stocking Rate (greater than/less than a certain number, dependent on species, size of property),
- Any sensitive features on the property, and
- Whether the purpose of the fencing is to utilize rotational grazing.

Storage Facilities

Fertilizer Storage; Potting Soil Storage; Compost Storage:

- Amount of material stored,
- Type of material stored,

- GIS location of storage, and
- Storage capacity (dimensions).

Soil Management

Rock Crossing; Culverts for Crossings; Alternative Water Supply – Livestock; Earthwork/High Intensity Use Area Stabilization; Well Retrofit:

- GPS location,
- Any sensitive features on the property,
- Whether rotational grazing will be utilized year-round,
- Whether there are any cross fences in place, and
- Top three benefits for your operation.

Hay Unroller; Hay Wagon; Livestock Cooling Area:

- Pasture grazing schedule (e.g., are you planting a winter forage, etc.),
- Average herd size and type of species, and
- Stocking rate (greater than or less than a certain number, dependent on species, size of property).

Miscellaneous

Alternative Power for Water Pumps:

- Irrigation type,
- Lagoon volume, and
- Number of acres irrigated from lagoon.