

End of Year Best Practices

Website

NOTE: Deactivate the management zone associated with the gateway and probe before starting maintenance or storage procedures. Do not disconnect the battery from the gateway until the management zone has been deactivated.

Remove environmental sensors from the website before disconnecting sensors from gateway.

Confirm deactivated management zone and removal of environmental sensors from the website before traveling to the gateway and starting maintenance or storage procedures.

Data communication loss is recorded at John Deere Field Connect website if gateway loses power or data is not receive from probe or environmental sensors. Log in to website and deactivate the management zone associated with the gateway and delete environmental sensors before starting maintenance or storage procedures.

Deactivating Management Zone

NOTE: Access to data from deactivated management zone continues after probe is removed. In Field Monitor, management zone shows as Inactive with no probes attached. However, data from management zone remains available.

1. Log in to website and navigate to Field Monitor.
2. Go to Assets tab and select Land.

3. Select the management zone you wish to deactivate.
4. Select Edit button. Scroll down and find checked probe serial number(s) associated with management zone.
5. Deselect probe serial number(s) that are checked to remove the association.
6. Select Save.
7. Select Yes to disassociate probe(s).
8. Proceed with maintenance and storage procedures.

When returning to Field Monitor, the management zone displays as inactive with no probes attached. Data from deactivated management zone can still be accessed even though a probe is no longer associated.

Removing Installed Environmental Sensors

NOTE: Only sensors connected to ALG and DLG ports can be removed through website.

1. Log in to John Deere Field Connect website and navigate to Field Monitor. Then, go to Assets tab and select Hardware.
2. Select gateway serial number.
3. Select sensors from left menu.
4. Select Trash Can icon to remove digital and analog sensors.

Hardware

NOTE: See Field Connect Installation Instructions for more information on hardware removal.

After disassociating gateway and probe from management zone using the John Deere Field Connect website and

deleting environmental sensors, remove gateway, probe, and environmental sensors from installed location.

Storage

After removing gateway, soil moisture probe, environmental sensors, and battery, prepare all components for storage.

Gateway

- Clean gateway using water.
- Remove soil from gateway post.
- Update gateway firmware.

Soil Moisture Probe

- Use water to remove soil and clean probe.
- Store indoors in original packaging when not in use.
- Store between -40 °C (-40 °F) and 27 °C (81 °F).
Maximum storage temperature: 60 °C (140 °F).
- Protect probe from bending or warping. Store in secure vertical or supported horizontal position.

Environmental Sensors

Refer to Field Connect operator manual for cleaning environmental sensors.

Battery

See Battery in Components, section 15, for more information.

- Remove battery from gateway before removing unit from field.
- Charge battery to specifications using a trickle charger limited to 3.6 amps.
- Do not store battery on concrete floor.
- Do not store battery for more than six months without recharging.
- Charge battery before next use.

Archiving and Data Management

Fields and management zones can be archived; data is still available but is easily filtered out when doing a search.

1. Select Assets tab.
2. Select Land located under the Assets tab.
3. Select a Field or Management Zone.

4. Select ARCHIVE to archive the Field and Management zone.

If the Field and Management zone is currently archived, select UNARCHIVE to unarchive the Field and Management zone.