

# Quick Installation Guide

High Yield Ag Radio w/ Sentek Drill & Drop Probe



## What you need for this task:

- ASR Radio w/ fully charged battery and Drill & Drop pigtail w/ green connector
- Bulb auger and mast sections (number depends on crop and signal strength. In general: short crops – base only, corn – base + 2 extensions, trees – base + 3 extensions)
- Sentek Drill & Drop probe & installation equipment
- Phone to assign radio to associated field

## Part 1: Login to MyFarm

1. Login to [MyFarm](#) from your phone using your credentials.
2. After typing the credentials, check the box “Remember Me” and submit. We suggest saving the user name and password if prompted to do so, and also recommend saving the MyFarm Dashboard webpage to the phone home screen, as this will speed up installation.
3. From MyFarm dashboard, “Create New Farm” to create a list of the farm locations.

## Part 2: Install Probe & Auger Mast Hole

1. Utilize full Sentek installation gear to install probes (tripod & tapered auger).
2. Drill slowly. For difficult soils: lubricate auger w/ water, use short bore strokes, cleaning auger frequently.
3. Install radio mast. If mast needs to be tall, sufficient cord is needed to reach the top section to plug into the radio. Auger a hole to about 18” deep using bulb auger and drill (usually full length of the bulb auger).

## Part 3: Install Radio

1. Ensure radio battery is plugged in. Scan the QR code with phone camera which will bring up a link to MyFarm, or go directly to MyFarm on your home screen shortcut.
  - a. If scanned, a link to install will display at the top of the dashboard which directs to select the farm being installed.
  - b. If accessing from home screen link, click the farm name that is being installed, then select “Create New Field”.
2. Complete “Create New Field” form. The only requirement during installation is to name the field, other information can be added later. **Note:** radios will send daily GPS lat/long.
3. Set radio aside. Feed probe wire through hole in the middle of the mast base section. Continue feeding wire through remaining mast extensions intended to be installed. If 3 extensions are used, add the pigtail with green connector *before* the 3<sup>rd</sup> extension.
4. Plug green connector into radio. **IMPORTANT: LED’s should ALL illuminate: “Power” – green, “Sensor” – yellow, “Network” – blue.** “Power” and “Sensor” should be solid right away. “Network” will begin blinking, slowly at first, then fast, then solid. Once all three lights have gone solid, slide radio into top mast section, put PVC cap on top, and slide entire mast section into the base.
5. Open MyFarm on phone, refresh screen, and confirm the radio is listed under the respective farm and field. Probe readings will be taken every 30 minutes and uploaded every 4 hours.