

DRIP SUB-SURFACE IRRIGATION FIELD DAY

Tuesday, August 22nd 1:00-4:00

2136 530th Street, Wood Lake, MN (6 miles South of Granite Falls)

From start to finish, everything it takes to install a sub-surface irrigation system.

Station 1: **A farmers Perspective, ROI.** Brian & Alan Velde

- Introduction, Site Information, Costs, Challenges, Results, ROI

Station 2: **Obtaining 400-bushel corn.** Tim Wolf-Netafim, Ken Fransky-Centrol

- Agronomic talks on irrigation, fertigation.
 - o Managing Nutrients, Seed Selection, Populations
 - o Understanding soil types and water holding capacity.

Station 3: **Root Pit.** Dr. Jeff Strock U of MN

- live demonstration of the drip tape system.

Station 4: **Drip tape Irrigation “How it works”.** Jim Ed Beach-Netafim, Kurt Grimm-Nutrাদrip, Rhett Overman-Smartfield

- Design, Installation Process, Filters, Valves, Pumps, Controllers, Web based control, **Fertigation.**
- Smartfield weather station – “when to irrigate”

<https://youtu.be/5bc7N5q1USs> (information video)

Informational Displays:

1. Equipment: Installation Plow, Drip tape Spools, etc.
2. MN Corn Growers: Informational booth
3. NRCS: Cost sharing programs.
4. DNR: Permit process.
5. Centrol Crop Consulting.

