

Step 1: Discuss & Determine

What are **YOUR** Drainage Goals?

- Maximize crop yield potential?
- Warmer soil temperatures during planting?
- Tax deductions for the IRS?
- Reduce financial & weather-related risk?
- Improve soil aeration & root development?
- Extend planting & harvest windows?
- Improve weed & pest control?
- Better work conditions & drought resilience?
- Reduce erosion, compaction & run-off?
- Increase nutrient absorption & efficiency?
- Strengthen long-term soil health & tilth?
- Increase land value & long-term ROI?

Average Yield Increase:

- **Soybeans:** +10 – 30%
- **Corn:** +15 – 40%

These are just a few of the goals we can help you achieve when you call!

★ **Tiled fields deliver maximum yields!**

Step 2: Design & Develop

How to Achieve Your Drainage Goals?

We will assess, design, and engineer a drainage system tailored to your field. Every project is engineered using data, experience, and precision:

- Drainage maps, GIS, LiDAR, drone imagery
- Soil types, topography, water table levels
 - Crop history & field usage
- Drainage coefficient calculations
- Tile layout engineered for performance & future expansion
- A digital, full-color GPS map of your design or completed project



Services: - Drainage - Excavating - Grading
- Land Clearing - Septic - Material Hauling

Step 3: Deploy & Deliver

When & Where to Begin Installation?

Farm drainage is a once-in-a-lifetime investment. That's why it's essential to have a system that's professionally designed, properly installed, and completed on schedule.

Once we finalize your drainage plan and align with your timeline, we mobilize equipment and keep you updated every step of the way.

Cover Crop Benefits

Brassica Radish, Triticale, and Cereal Rye help break up soil compaction deeper within the soil

Oats, Turnips, and Red Clover alleviate surface crusting and improve soil structure near the top

☎ Michael Erpelding: (515)-341-6280
🌐 www.engineeredfarmdrainage.com



GPS & Locating Equipment



Installing 15" Dual Wall Pipe



Tiled fields deliver maximum yields!



Engineered Farm Drainage

- 📍 1602 210th St., Algona, IA 50511
- ☎ Michael Erpelding: (515)-341-6280
- 🌐 www.engineeredfarmdrainage.com
- ✉ Office@engineeredfarmdrainage.com
- 📘 Facebook: Engineered Farm Drainage

Services: - Drainage - Excavating - Grading
- Land Clearing - Septic - Material Hauling



Engineered Farm Drainage

- 📍 1602 210th St., Algona, IA 50511
- ☎ Michael Erpelding: (515)-341-6280
- 🌐 www.engineeredfarmdrainage.com
- ✉ Office@engineeredfarmdrainage.com
- 📘 Facebook: Engineered Farm Drainage



“Tiled fields deliver maximum yields”

Maximize your land’s full potential
—season after season— with custom
tile drainage systems engineered to
your field’s unique needs.

Services: - Drainage - Excavating - Grading
- Land Clearing - Septic - Material Hauling