

# GEO PULSE

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**FARMING INNOVATION**

# OUR PURPOSE

**1.**

**GROW HEALTHIER  
CROPS**

**2.**

**REDUCE WASTED  
MONEY**

**3.**

**MAKE SOIL TESTING  
ACCESSIBLE**

**4.**

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# PROBLEM STATEMENT

**SOIL TESTING IS EXPENSIVE &  
SLOW**

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**HARD FOR FARMERS TO KNOW  
WHAT THEIR SOIL NEEDS**

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**FARMERS LOSE TIME,  
RESOURCES, & CROP  
POTENTIAL**

# OUR SOLUTION: GEO PULSE

**A COMPACT DEVICE THAT MEASURES:**

- Moisture
- Temperature
- PH Levels
- Conductivity

**... AND SENDS DATA TO TGE APP INSTANLY**

# DEVELOPMENT JOURNEY



**PROTOTYPE  
1 VS. 2**

**OPTIMIZATION**

**THE  
APP**

# FUTURE VISION

**ADD AI CHATBOT FOR  
CROP  
RECOMMENDATIONS**

**PREDICT SOIL  
DEFFICIENCIES**

**PERSONALIZED ADVICE  
BASED ON READINGS**

**CLUOD STORAGE AND  
OFFLINE MODE**



**WHY DOES  
THIS  
MATTER?!**



THANK YOU

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