**Project Goal**
Our goal is to provide an easily accessible tool for urban farmers to learn about remediating lead contaminated soil.

**Introduction To Issue**
The soil in urban areas is often heavily contaminated with heavy metals, such as lead. These metals come from a variety of sources, such as car exhaust and old paint chips. Urban farmers planting into this soil, and the people eating the produce, are at risk of lead poisoning.

**Background**
Urban farming is becoming more and more popular in the US.

**Solution Legend**
- EDTA – A chemical used to treat lead poisoning.
- Soil Dilution – Mixing contaminated soil with clean soil.
- Sunflowers – A hyperaccumulator that absorbs lead.
- Lime – Keeps lead in the soil, not in the plants.
- Raised Beds – An insulated bed of soil.

**Benefits and Drawbacks of Solutions**
For more details, visit our website.
- **Safe**
  - Expensive and hazardous
- **Easy, cheap, and sustainable**
- **Slow**
- **Easy and cheap**
- **Slow and hazardous**
- **Easy, cheap, and fast**
- **Doesn’t remove lead from soil**

**Combining Treatment Methods**
We recommend combining more than one of these methods for maximum efficacy.

**Examples:**
- **Cheap Solution #1**: Fast Solution
- **Cheap Solution #2**: Safe Solution

**References**

**Data and Predictions**
Currently, public interest in soil contamination is lowering, but we hope that by bringing awareness to this issue, we can change that.

**QR Code for Web Tool**
Urban farmers can use our web tool to decide which of these solutions to use based on their priorities.