

## ***What is Soil Steaming?***

Soil steaming uses high-temperature steam to naturally treat soil—eliminating weed seeds, pests, and pathogens without chemicals. It's an eco-friendly, efficient alternative to fumigation or plastic solarization.

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### **Key Benefits**

#### **1) Weed & Pathogen Control**

- Kills weed seeds, nematodes, fungi, and soil-borne diseases.
- Reduces herbicide and pesticide use.
- Creates a clean growing bed for transplants or direct seeding.

#### **2) Improved Crop Health**

- Promotes stronger, more uniform germination.
- Reduces disease pressure in sensitive crops like carrots, lettuce, and spinach.
- Supports higher yields and better root quality.

#### **3) Sustainable & Chemical-Free**

- No chemical residues—safe for organic production.
- Prevents buildup of resistant weed or pest species.
- Helps farms meet organic certification standards.

#### **4) Efficient & Scalable**

- Works on high tunnels, raised beds, and open fields.
- Portable systems allow multiple farms to share equipment.
- Steamed beds can be planted the same or next day.

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**Real Results: Farmers report fewer weeds, healthier seedlings, and faster turnover between plantings—saving both labor and inputs.**

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Interested in trying soil steaming?  
Contact: Detroit Produce Club

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