



Vinegar-Based Herbicide

Recipe:

- 1 gallon of white vinegar
- 1 cup of salt
- 1 tablespoon of dish soap

Instructions:

1. Mix the vinegar, salt, and dish soap in a large container.
2. Pour the mixture into a spray bottle.
3. Spray directly onto the weeds, avoiding contact with the plants you want to keep.
4. Apply on a sunny day for best results.



Boiling Water

Instructions:

1. Boil a pot of water.
2. Carefully pour the boiling water directly onto the weeds.
3. This method is particularly effective for weeds growing in cracks and driveways.

Corn Gluten Meal

A product of wet-milling corn, corn starch, germ oil meal, corn gluten feed, and steep liquor.



Instructions:

1. Apply corn gluten meal to the soil surface in early spring before weed seeds germinate.
2. Water the area lightly after application.
3. Reapply as necessary throughout the growing season.

RECOMMENDED WEED CONTROL METHODS

Alternatives to Herbicides

- **Manual Weeding:** Though labor-intensive, hand-pulling weeds is a safe and effective method for maintaining your garden.
- **Mulching:** Applying organic or inorganic mulch can suppress weed growth by blocking sunlight and retaining soil moisture.
- **Cover Crops:** Planting cover crops can outcompete weeds for resources, reducing their presence naturally.
- **Organic Herbicides:** Natural options like vinegar, salt, and essential oils can provide effective weed control without the environmental and health risks associated with chemical herbicides.

Integrated Weed Management (IWM)

- **Definition and Principles:** Combining different weed control methods for a holistic approach
- **Cultural Practices:** Crop rotation, proper spacing, and soil health management
- **Biological Controls:** Using natural predators and beneficial insects
- **Mechanical Controls:** Tools and techniques for physical weed removal