Weed Management Resources

Creating a Weed Management Plan for Your Organic Farm (Penn State University): [https://extension.psu.edu/creating-a-weed-management-plan-for-your-organic-farm](https://extension.psu.edu/creating-a-weed-management-plan-for-your-organic-farm)


DIY Dibbler: [http://agroecologychiloe.com/diy.htm](http://agroecologychiloe.com/diy.htm)

Videos
Introduction to Weed Management in a Small Scale Organic Production System (UC Santa Cruz): [https://www.youtube.com/watch?v=jsqa6cahRxI](https://www.youtube.com/watch?v=jsqa6cahRxI)
Prepping beds in hoophouses: [https://www.youtube.com/watch?v=plGjfAFb3I](https://www.youtube.com/watch?v=plGjfAFb3I)

Mulch Costs
- Straw: $4/square bale or $30/round bale
- Plastic: 4’x4000’ Black = $132
- Landscape Fabric: 4’ x 250’ roll = $125 (Dewitt Pro-5 20 yr, 5 oz; usually lasts 10-15yrs)

Spacing & Timing for Weed Mgmt of SOF Crops
FIELD (48” beds)

**Carrots, beets, rutabaga:**
Direct seeded, 4 rows, 12” between row
- Prep beds 1 week in advance
- Stale seed bed, tine weed, occultation, or flame weeding
- Seed with tractor mounted Jang precision seeder
  - Flame weed or quick germ carrots
- Water (or rain) twice within first week to 8 days
- Basket weed when you can see crop well enough (first true leaf for carrots, cotyledon for beets)
- Beets and rutabaga can be finger weeded at 4-leaf stage
- Terateck can be used once your crop is big enough that slight hilling will not bury it

**Cabbage, broccoli, cauliflower, Brussels sprouts, storage kohlrabi:**
Transplanted, 2 rows, 24” between row, 18” in row
- Prep beds 1 week in advance
- Stale seed bed, tine weed, occultation, or flame weeding
- Plant with waterwheel
- Tine weed day 10-12 (white thread stage)
- Fingerweed + sweeps day 2-3 weeks after transplanting (weeds smaller than 2”)
- Ecoweed 4 weeks after transplant (check for root pruning)
- Underseed fall brassicas with clover if going into fallow
SALAD GARDEN/HOOPHOUSES (30” beds)

**Salad, baby leaf spinach, radishes, scallions & fresh herbs:**
Direct seeded, 6 rows, 5” between row
- Prep with harrow/tilther
- Seed with pinpoint or push-Jang (mark rows!)
- Tine rake at first sign of true leaf
- Terrateck biodiscs 14-24 days after planting (weeds smaller than 2”)

**Asian greens, head lettuce, parsley & fennel:**
Transplanted, 3 rows, 10” between row, 9” in-row
- Prep with harrow/tilther
- Dibble holes and transplant by hand
- Terrateck biodiscs 10-14 days after planting
- Stirrup hoe between row