



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>

NRCS Weed and Pest Management Resources:

<https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/organic/?cid=nrcseprd1370653>

DIY Dibbler: <http://agroecologychiloe.com/diy.html>

Videos

Introduction to Weed Management in a Small Scale Organic Production System (UC Santa Cruz): <https://www.youtube.com/watch?v=jsqa6cahRxI>

Prepping beds in hoopouses: <https://www.youtube.com/watch?v=pIG-jfAFb3I>

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)
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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