#### Weed Control in Cut Flowers

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## Methods of Weed Management

- Preplant soil preparation
- Cultivation and hand removal
- Chemical
- Barrier
- Flame
- Avoidance

#### Preplant soil preparation

- Sequential cover cropping
  - Cereal rye
  - Buckwheat
  - Rape
  - Legumes
- Fallow ground with burn down
- Fumigation
- Solarization

#### Year prior to planting

- Scout for:
  - Thistle
  - Bindweed
  - Nutsedge
  - Other tough perennials
- Treat accordingly
  - Glyphosate
  - Repeat disking and harrowing

#### Cultivation and Hand Removal

- Rototilling
- Hoeing



#### Chemical

- Preemergent Herbicides
  - See table
- Post Emergent Herbicides
  - Selectives: see table
  - Non-selectives
    - Gramoxone
    - Glyphosate
    - Scythe (pelargonic acid)
    - Matran (clove oil, PCO certified)
  - Application options

# Preemergent Suggestions / Comments

- Irrigate ASAP after application
- Larger transplants experience less damage
- Use lowest labeled rate
  - Clean up escapes later
- Delay application several days
- Granulars are generally safer than sprays
- Direct sprays vs. over sprays
- Accept injury, most will grow through it

### Wick type applicators



Spot herbicide applicator Replacement 9" applicator Replacement shield RSS101 RSS209 RSS105 Spot Herbicide Applicator

Shield This inexpensive and durable tool saves you hours of back-breaking effort. Use to treat dandelions, crabgrass and other weeds around walkways, fruit and vegetable plantings, hedge rows, or anywhere precision weed treatment is desired. SIDESWIPE hand-held applicator will put your systemic herbicide (not included) exactly and only where you need it, without excessive drift or drip. One-quart capacity can cover 1,800 sq. ft. without refill; includes shield to protect desirable plants. 53" handle, 9" applicator.

> 1-3 \$34.95/ea. 12.95/ea. 4.00/ea. 24+ \$29.95/ea. 11.65/ea. 3.60/ea.

#### Roller type applicators



#### Danville Edger **Applicator**

Applies chemicals where you want them down aisles, around potted plant containers. young tree rows, etc. without drift. Chemical flows directly onto the roller in a solid stream, keeping the roller completely saturated. Easy to clean, gravity flow applicator can also be used as a wicker. Holds one gallon. Interchangeable rollers in 4", 6", and 12" sizes. Please spec-

ify size.

DEX12 + roller size \$113.77

Replacement rollers in 4", 6" and 12" sizes for the DEX12.

ROLL + size

\$40.26

### Flame Weeders



a 5/8" solid steel axle. Red color. Weighs 16 lbs. USA made. Item No. WD96 \$64.95/ea.

Wilts weeds on contact

## Other Options

- Broom type in-row
- Shielded sprayers

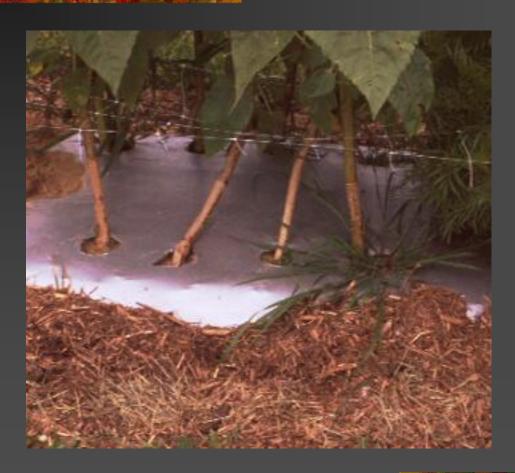
## Barriers

- Plastic mulch
- Bark mulch
- Straw
- Newspaper

## Plastic Mulch



## More plastic mulch



## And more plastic mulch



### Early Season Raised-Bed



## Bark mulch



## Straw Mulch



## Straw and plastic



## Straw and plastic



## Consider your needs

