Herbicide Recommendations for Tomato

Joe Masabni
UKREC
Princeton, KY
Preemergence Herbicides

Joe Masabni
Dacthal 6F

Rate: 8 – 14 pt / A
PRE for control of annual grasses and small-seeded broadleaves

- Over the top application 4 – 6 weeks after transplanting is safe to plants.
- Plants should be well established.

Joe Masabni
Devrinol 50DF

Rate: 2 – 4 lb / A
PRE for annual grasses and broadleaves weed control

- Apply before transplanting and water-in or incorporate to a depth of 1-2”.
- Can be applied on bareground middles between beds of plastic 24 hours before rain or if watered-in or incorporated.
- To avoid injury, do not replant with crops not specified on the label until 12 months if using the 4 lb rate.

Joe Masabni
Goal 2XL

Rate: 1 – 2 pt / A

PRE for annual grasses and broadleaves weed control

• For fallow bed preparation only.
• Best if used with glyphosate for control of winter annual broadleaf weeds.
• Min. 30 days between application and transplanting.
Sandea 75DF

Rate: 0.5 - 1 oz / A

PRE for broadleaves and nutsedge weed control

For transplanted tomato

- May be applied preplant under the plastic. Apply after final bed shaping but before installation of plastic.
- Transplant 7 days after plastic installation. As a post-transplant application, Sandea can also be applied over the top or as a directed spray or with shields, 14 days after plastic installation.
- Max. 2 applications/crop and 2 oz/A/season.

Joe Masabni
Sencor 75DF

Rate: 0.3 – 1.3 lb

PRE for annual grasses and broadleaves weed control

- **Preplant**: apply in min. 10 gal water/A immediately before transplanting and incorporate 2-4”.
- Best if used with Treflan to improve weed control.
- Transplant tomato with roots below herbicide zone.

Joe Masabni
Postemergence
Herbicides

Joe Masabni
Aim 1.9EW

Rate: 0.5 – 1.5 fl.oz. / A

Contact POST for annual broadleaves and suppression of perennial broadleaves

- Can be applied as a preplant, pre-transplant burndown, or before crop emerges to actively growing weeds up to 4” tall.
- Can also be applied postemergence as a directed hooded application between crop rows.
- Use min. 10 gal of water/A and crop oil 1% v/v.
- Max. rate 6.1 fl oz/A.
- PHI = 0 days.

Joe Masabni
Goal 2XL
Rate: 1 – 2 pt / A
POST for annual grasses and broadleaves weed control

• For fallow bed preparation only.
• Best if used with glyphosate for control of winter annual broadleaf weeds.
• Min. 30 days between application and transplanting.
Gramoxone Max 3L

Rate: 1.3 – 2.7 pt / A

POST for non-selective contact weed control

- Apply preplant, preemergence, or before transplanting in min. 10 gal water/A.
- Apply banded or broadcast.
- Use higher rate for heavy weed infestations.
- Use non-ionic surfactant 0.25% v/v.
- PHI = 30 days.

Joe Masabni
Roundup WeatherMax 5.5L

Rate: 16 – 22 fl.oz. / A

POST for non-selective systemic weed control

- Use only AMS 1 – 2% v/v.
- Adding a non-ionic surfactant can reduce weed control effectiveness.
- Min. 3 days between application and planting.
- Min. 30 days before planting any non-labeled crop.

Joe Masabni
Poast 1.5E

Rate: 0.5 – 2.5 pt / A
POST for grass weed control

• Apply on actively growing grasses.
• Use high rates for perennial grasses.
• PHI = 20 days.
• Max. rate of 1.5 pt / application and 4.5 pt/season.
• Add crop oil concentrate at 0.5 % v/v.
Sencor 75DF

Rate: Postemergence broadcast (0.3 to 0.6 lb/A) or postemergence directed (0.6 to 1.3 lb/A) POST for annual grasses and broadleaves weed control

- Apply when plants have recovered from transplant shock and new growth is evident (about 2 weeks).
- Do not apply within 24 hours of other pesticides 3 days after cool, wet, or cloudy weather.
- Allow 14 days between applications.
- May be applied to plastic mulch row middles.
- PHI = 7 days.

Joe Masabni
Scythe 4.2L

Rate: 1 – 10%

POST for non-selective contact weed control

• Use in min. 10 gal water/A if mixed with other herbicides or a min. 75 gal if used alone.
• Do not allow contact with crop foliage.
• Can be mixed with Roundup.
• See label for amount of Scythe to use depending on the desired spray volume.
Select 2E
Rate: 6 – 16 fl.oz. / A
POST for grass weed control

- Add crop oil 1% v/v.
- Max. 8 fl.oz. / application.
- Min. 14 days interval between applications.
- PHI = 30 days.

Joe Masabni
Treflan 4E
Rate: 1.25 - 2 pt / A
PRE for annual broadleaves and grasses weed control

Transplanted tomato:
• Apply and incorporate before transplanting or apply post-transplant as a directed spray to soil between rows and beneath plants and incorporate.

Joe Masabni