

Herbicide Recommendations for Beans

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Preemergence

Herbicides



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Command 3ME

Rate: 0.4 – 0.67 pt / A

PRE for annual grasses and small-seeded broadleaves weed control

- Apply once in min. 10 gal water / acre.
- PHI = 45 days.
- Apply Command to soil before transplanting or after seeding.



Dacthal 6F

Rate: 6 – 14 pt / A

PRE for control of annual grasses and small-seeded broadleaves

- Apply at seeding or transplanting.
- Can be broadcast over transplants.
- Can be preplant incorporated.



Dual II Magnum 7.6E

Rate 1.3 – 1.7 pt / A

PRE for grasses and broadleaves weed control and suppression of nutsedge

- Apply preplant surface, PPI, or preemergence.
- Better control of seedling johnsongrass with higher rates.
- Small grains may be planted 4½ months following treatment.
- See label for other rotational crop restrictions.



Lasso 4E

Rate: 2.5 – 3 qt / A

PPI for annual broadleaves and grasses weed control and suppression of nutsedge

- **Max. 1 application / year or 3 qt/A.**
- **Apply preplant incorporated within 7 days before planting.**



Prowl 3.3E

Rate: 1.8 – 3.6 pt / A

**POST for annual grasses and broadleaves
weed control**

- Apply before planting and incorporate 1-2” up to 60 days before planting and incorporate within 7 days of application.
- Do not apply surface preemergence or serious crop injury can result.



Pursuit 2L

Rate: 3 fl.oz. / A

**PPI or PRE for annual grasses and broadleaves
weed control**

- Can be applied preplant incorporated within 1 week before planting.
- Can be applied preemergence within 3 days after planting.
- Can be applied postemergence to plants at least 3" tall but before 5 nodes and before flowering.
- Add non-ionic surfactant 0.25% v/v.



Postemergence

Herbicides



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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.

Basagran 4S

Rate: 1 – 2 pt / A

**POST for annual broadleaves weed control
and suppression of nutsedge**

- Do not apply until the first trifoliate bean leaf is fully expanded.
- Some injury may occur but plants will grow out of it.
- Do not apply more than 4 pt / A / year.

Dual II Magnum 7.6E

Rate 1.3 – 1.7 pt / A

POST for grasses and broadleaves weed control and suppression of nutsedge

- Apply postemergence or layby.
- See label for specific rates.
- Better control of seedling johnsongrass with higher rates.
- Small grains may be planted 4½ months following treatment.
- See label for other rotational crop restrictions.

Gramoxone Max 3L

Rate: 0.8 – 1.3 pt / A

POST for non-selective contact weed control

- Apply as a leaf desiccant in min. 20 gal water/A.
- Apply when crop is mature or at least 80% pods are yellowing and mostly ripe.
- Use with non-ionic surfactant 0.25% v/v.
- Max. 2 applications/season.



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 = 15 days.**
- **Max. rate of 2.5 pt / application and 4 pt/season.**
- **Add crop oil concentrate at 0.5 % v/v.**



Pursuit 2L

Rate: 3 fl.oz. / A

**POST for annual grasses and broadleaves
weed control**

- Can be applied postemergence to plants at least 3 inches tall but before 5 nodes and before flowering.
- Add non-ionic surfactant 0.25% v/v.



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.

Sandea 75DF

Rate: 0.5 - 1 oz / A

POST for broadleaves and nutsedge weed control

- **Apply after planting but before cracking in min. 15 gal water/A.**
- **PHI = 30 days.**
- **Max. 1 oz / A / crop and 2 oz / A / season.**
- **Sandea can also be applied PRE.**



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.



Treflan 4E

Rate: 1 - 2 pt / A

PRE for annual broadleaves and grasses weed control

- Apply and incorporate in spring before planting or in fall in advance of spring planting.
- Treflan is another herbicide for control of broadleaves and grasses when applied PRE. Avoid contact with crop leaves. Use it between rows when plants have 3-4 leaves.