

## **SOYBEANS - REGION 5**

### General Information

#### PRODUCT INFORMATION

Read all label directions before using.

PRONTO is a selective herbicide which may be applied preplant, preemergence or postemergence for control or suppression of broadleaf weeds, grasses and sedges in soybeans.

PRONTO is generally most effective and consistent when used postemergence, working through contact action. Therefore, emerged weeds must have thorough spray coverage for effective control. Some bronzing, crinkling or spotting of soybean leaves may occur following a postemergent application, but soybeans soon outgrow these effects and develop normally. Optimum weed control is achieved by postemergent applications of PRONTO to young actively growing broadleaf weeds that are not under stress from moisture, temperature, low soil fertility, mechanical or chemical injury.

Certain germinating broadleaf weeds, grasses and sedges may be controlled or suppressed by soil residual activity from either preplant, preemergent or postemergent applications if rainfall occurs shortly after application. The extent and consistency of soil activity is dependent upon soil characteristics, ground cover, amount of rainfall following application and the rate of PRONTO used.

#### Information on Weed Resistance

Naturally occurring biotypes of certain broadleaf species with resistance to this herbicide and related products (same mode of action) are known to exist. Selection of resistant biotypes, through repeated use of these herbicides, may result in control failures.

If poor performance cannot be attributed to adverse weather conditions or improper application methods, a resistant biotype may be present. In such a case, additional treatments with this herbicide or similar mode of action products are not recommended. Consult your local company representative or agricultural advisor

for assistance.

## APPLICATION DIRECTIONS

### Application Timing

Best broad spectrum postemergence control of susceptible broadleaf weeds is obtained when PRONTO is applied early to actively growing weeds. This usually occurs 14 to 28 days after planting. Refer to the weed control tables for specific recommendations on weed growth stages and rates.

### Spray Additives

Only spray additives approved for use on growing crops under 40 CFR 180.1001 may be used in the spray mixture. For best broad spectrum postemergence control of susceptible broadleaf weeds in Regions 2,3,4 and 5 (see Regional Use Maps), PRONTO should be used with 1.0-2.5% v/v liquid nitrogen (28% or similar) or a minimum of 8.5lbs. ammonium sulfate per 100 gals, of spray volume.

For Postemergence Applications Always Add One of the Following: except in tank mix with products prohibiting spray additives - (See Tank Mix Directions for Use).

Crop Oil Concentrate (COC) or Methylated Seed Oil (MSO): Use a nonphytotoxic COC or MOS containing 15-20% approved emulsifier at 0.5-1% v/v (2-4 qts/100 gals.) of finished spray volume. COC or MSO can improve weed control but may slightly reduce crop tolerance.

Nonionic Surfactant (NIS): Use NIS containing at least 80% active ingredient at 0.25-0.5% v/v (2-4 qts/100 gals.) of finished spray volume (Region I and East of Interstates 79 and 77 for Regions 2 and 3).

Other Adjuvants: Adjuvants other than COC or NIS may be used providing the product meets the following criteria:

1. Contains only EPA exempt ingredients.
2. Is nonphytotoxic to the target crop.
3. Is compatible in mixture. (May be established through a jar test.)
4. Is supported locally for use with PRONTO on the target crop through proven field trials and through university and extension recommendations.

Note: no adjuvants are needed for preplant or preemergence applications unless

PRONTO is being used in a burndown.

#### Recommended Mixing Order:

1. Fill spray tank with half the required amount of water and begin agitation.\*
2. Add fertilizer (UAN, AMS).
3. Add dry pesticide formulations.
4. Add PRONTO.
5. Add liquid pesticide formulation.
6. Add adjuvant (MSO, COC or NIS).
7. Add remainder of water and then maintain constant agitation.

\*Compatibility agent, 1 gal/500 gals, of water or 0.2% v/v, may be added as needed.

#### Ground Application

Use sufficient spray volume and pressure to ensure complete coverage of the target. A minimum spray volume of 15 gals/A and 30-60 psi at the nozzle tip is recommended. On large weeds and/or dense foliage, use 60 psi and a minimum of 20 gals /A to ensure coverage of weed foliage.

The use of flat fan nozzles will result in the most effective postemergence application of PRONTO. The sprayer must be calibrated to provide the proper volume and rate per acre. In addition, the boom and nozzle height must be adjusted to provide complete coverage of target weeds.

**DO NOT USE FLOOD TYPE OR OTHER SPRAY NOZZLES, WHICH DELIVER COARSE, LARGE DROPLET SPRAYS.**

#### Band Applications

Thorough weed coverage is important for postemergent control. Best coverage is obtained with a minimum of two nozzles, one directed to each side of the planted row. Application with a single nozzle directed over the top of the row is not recommended for postemergence applications but is suitable for preemergence applications. Cultivation of untreated areas may be needed following band applications. When making postemergence band applications and cultivating in the same operation, position nozzles in advance of the cultivation device. This will reduce dust in the spray area. Dust can intercept spray, reducing weed coverage, resulting in less than adequate weed control.

### Aerial Application

Use sufficient spray volume and pressure to ensure complete coverage of the target. A minimum of 5 gals/A of spray mixture should be applied with a maximum of 40 PSI pressure. When broadleaf weed foliage is dense, use a minimum of 10 gals/A to ensure coverage of weed foliage.

**DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.**

### Cultivation

Cultivation prior to application is not recommended. Cultivation may put weeds under stress, reducing weed control. Timely cultivation 1-3 weeks after applying PRONTO may assist weed control.

### Rainfastness

PRONTO requires a 1 hour rain-free period for best results when applied postemergence.

### RESTRICTIONS AND PRECAUTIONS

- A maximum of 1.6 pts. of PRONTO (or a maximum of 0.375 lbs. a.i./A of fomesafen from any product containing fomesafen) may be applied per acre per year in Region 1 (see Regional Use Map).
- A maximum of 1.6 pts. of PRONTO (or a maximum of 0.375 lbs. a.i./A of fomesafen from any product containing fomesafen) may be applied per acre in alternate years in Region 2 (see Regional Use Map).
- A maximum of 1.3 pts. of PRONTO (or a maximum of 0.313 lbs. a.i./A of fomesafen from any product containing fomesafen) may be applied per acre in alternate years

in Region 3 (see Regional Use Map).

- A maximum of 1 pt. of PRONTO (or a maximum of 0.25 lbs. a.i./A of fomesafen from any product containing fomesafen) may be applied per acre in alternate years in Region 4

(see Regional Use Map).

- A maximum of 0.75 pt. of PRONTO (or a maximum of 0.1875 lbs. a.i./A of fomesafen from any product containing fomesafen) may be applied per acre in alternate years in Region 5 (see Regional Use Map).

- Thoroughly clean the spray system with water and a commercial tank cleaner before and after each use.

- Tank mixes of PRONTO with other pesticides, fertilizers or any other additives except as specified on this label or other approved Liberty supplemental labels may result in tank mix incompatibility, unsatisfactory performance and/or unsatisfactory crop injury.

- Apply postemergence to actively growing weeds. Avoid applying PRONTO to weeds or soybeans which are under stress from moisture, temperature, low soil fertility, mechanical or chemical injury, as reduced weed control and/ or increased crop injury may result.

- Avoid overlapping spray swaths, as injury may occur to rotational crops.

- To provide adequate coverage, it is recommended that ground speed not exceed 10 MPH during application.

- Do not graze treated areas or harvest for forage or hay.

#### Limitations, Restrictions, and Exceptions

##### REGION 5

(Maximum Rate 0.75 pts./A, alternate years)

REGION 5: Includes the following states or portion of states where PRONTO may be applied: North Dakota (all areas East of U.S. Highway 281 except those areas in Region 4), South Dakota (all areas East of U.S. Highway 281 except those areas in Region 4) and Minnesota (all areas South of U.S. Highway 2 except those areas in Region 4).

#### Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Band application](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Band application](#)

Pre-Harvest Interval

45 days

Rates

[field\\_rates 0](#)

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Restricted Entry Interval

24 hours

Timings

[Preplant](#)

[Postemergence \(Weed\)](#)