

Table X offers information about the commonly used granular, pre and postemergence herbicides commonly used in commercial nurseries

Rev. 8-2009, 7-21-2012

| Herbicides | Rainfast ¹ (in hrs) | Days Herbicide will remain stable prior to irrigation or rainfall ² | Inches of Water Required to Activate ³ | Spray Pressure ⁴ (psi) | Gallons Water per Acre Recommended ⁵ | REI ⁶ (in hrs) |
|------------------|-----------------------------------|---|--|---|---|------------------------------|
| Atrazine 4L | | | | | | |
| Barricade 65WG | | 14 | 0.5 | Low | 20 minimum | 12 |
| Barricade 4L | | 14 | 0.5 | Low | 20 minimum | 12 |
| Basagran | | | | 40-80 | 20-100 | |
| Biathlon G | | | 0.5 w/in 24 hrs | | | 24 |
| BroadStar G | | | .5-.75 w/in 1 hr | | | |
| Casoron 50W | | | | | 50 minimum | |
| Casoron 4G | | | water in well | | | 12 |
| Corral 2.68 G | | | 0.5- 1 ASAP | | | 24 |
| Devrinol 50 DF | | 2-3 | 1-2 | | | |
| Devrinol 2E | | | | | 20-100 | |
| Devrinol 5 G | | 2-3 | 1-2 | | | |
| Dimension 2EW | | not on label | 0.05 | 20-40 | 87 minimum | 12 |
| Envoy Plus | 1 | | | 30-60 | 5-40 | 12 |
| Freehand G | | 30 | 0.5 w/in 30 days | | | 24 |
| Finale | 4 | | | 30 | 20 minimum | |
| Fusilade | 1 | | | 40-60 | 5-40 | 12 |
| in dense grass | | | | 60 | 20 minimum | 12 |
| Gallery | | 21 | 0.5 | Low | 10-200 | 12 |
| Goal | | 21- 28 | 0.25 | 20- 40 | 20 minimum | 24 |
| Gramoxone Extra | 0.5 | | | 30- 50 | 20 | let dry |
| Jewel G | | | 0.5- 1 ASAP | | | 12 |
| Kerb | | | | Low | 20- 50 | 12 |
| Lontrel | 2 | | | | 20 minimum | 12 |
| OH-2 | | Irrigate ASAP | 0.5- 1 ASAP | | | 24 |
| Pendulum AquaCap | | 30 | 0.5 | 25-50 | 20-200 | 24 |
| Pendulum EC | | 30 | 0.5 | 20- 40 | 40 minimum | 24 |
| Pendulum 2 G | | 30 | 0.5 | | | 24 |
| Pennant Magnum | | 7 | 0.5 | | 10 | 24 |
| Predict | | 28 | | | 20- 100 | 12 |
| Princep-Simazine | | 10 | 0.5 | 35- 40 | 20 minimum | |
| Regal Star | | 14 | ** | | | |
| Regal O-O | | 1 | 0.5 ASAP | | | |

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|-----------------------------|-----------------------------------|---|--|---|---|------------------------------|
| Ronstar G | | ? | 0.5- 1 | | | |
| Rout | | 1 | 0.5 ASAP | | | 24 |
| Roundup Pro | 2- 6 | | | | 3 - 40; depends on foliage density | 4 |
| Segment formerly Vantage | 1 | | | 30- 60 | 5- 50 | 12 |
| Sedgehammer | 3-8 hrs* | | | | 1-2/1000 sq ft | 12 |
| Showcase G | | | 0.5 w/in 3 days | | | 24 |
| Simazine-see Princep | | | | | | |
| Snapshot 2.5 TG | | 3 | 0.5 w/in 3 days | | | |
| Stakeout | | | | | | |
| SureGuard | 1 | 14 | 0.5 | Sufficient to cover target | 20 - 30 | 12 |
| Surflan AS | | 21 | 0.5 | | Sufficient | |
| Tower | | 30 | 0.6 w/in 30 days | 25-50 | 20-200 | 12 |
| Treflan EC | | *** | 0.5 w/in 3 days | | 5- 40 | |
| XL 2 G | | 21 **** | 0.5 w/in 21 days | | | 12 |

* Manage is rainfast in a minimum of 3 hours, but 8 hours for maximum effect

** Enough water to wash into soil or media

*** Must be incorporated within 4 hours to prevent loss. Refer to label for procedure.

**** If adequate rain does not fall within 21 days, may be uniformly mixed into top 1-2 inches of soil.

¹ **Rainfast** – The period of time required for a sprayable product to dry or be absorbed on to foliage, so that rainfall or irrigation does not affect the effectiveness.

² **Number of Days Herbicide will remain stable prior to irrigation or rainfall** – The period of time that the pre-emergence manufacturer states on the label that the product will remain active, waiting on activation by rainfall or incorporation.

³ **Inches of Water to Activate** – The amount of rain or irrigation (in inches) required to activate the pre-emergence herbicide according to the label.

⁴ **Spray pressure (psi)** – The pressure recommended by the label for application. More important for the post-emergence herbicides if applied over tall or dense foliage, in order to obtain coverage.

⁵ **Gallons of Water per Acre Recommended** – The recommended volume of spray water to use when applying the product, according to the manufacturer's label.

⁶ **REI (in hours)** – The number of hours that legally must pass before labor is allowed to return to the area sprayed. REI stands for restricted entry interval.

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|------------|-----------------------------------|---|--|---|---|------------------------------|
| | | | | | | |

Comm/Weed Control/Rainfast, days active, etc

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