



Specifications For Proper Pesticide Use Crop Year 2018

Read and Follow Label Directions



| Product | REI (Re Entry Interval - hours) | PHI (Pre Harvest Interval - days) | Ground Application Water Volume (gallons) | Rainfast (hours) |
|---|---------------------------------|---|---|---|
| Herbicides | | | | |
| Assure II, Targa | 12 | 45 | Min 10 | 1 |
| Betamix, D-P Mix, Phen-Des, Sugarbeet Mix | 24 | 75 | 10 - 20 | 6 |
| Betanex, Des, Alphanex | 24 | 75 | 10 -20 | 6 |
| Dual Magnum, Cinch, Brawl, Charger Basic | 24 | 60 | Min 10 | 0 |
| Eptam | 12 | --- | 10 - 50 | 0 |
| Far-Go (Granular) | 12 | --- | ----- | 0 |
| Far-Go 4EC (liquid) | 12 | --- | Min 10 | 0 |
| Fusilade DX | 12 | 90 | 5 - 40 | 1 |
| Gramoxone Inteon, Gramoxone SL | 12 | --- | Min 10 | 4 - 6 |
| Liberty 280 SL | 12 | Prior to emergence | Min 10 | 4 |
| Nortron SC, Etho SC, Ethotron SC, Ethofumesate 4SC **(Willowood) | 12 | 90 Days (soil applied) 90 Days (POST) **Pending 45 days | 10 - 60 | 6 (foliar) 0 (soil) |
| Outlook, Propel, Establish | 12 | 60 Days (2 - 8 leaf) 95 Days (9 - 12 leaf) | 5 or more | 0 |
| Poast | 12 | 60 | 5 - 20 | 1 |
| Progress, Des-Phen-Etho | 48 | 75 | 10 -20 | 6 |
| Ro-Neet SB | 12 | --- | 10 - 50 | 0 |
| Roundup Original Max, Roundup PowerMax, Roundup WeatherMax and various generic formulations | 4 | 30 | 3 - 40 | *** (see reference on next page) |
| Select Max, Select, Arrow, Shadow, Volunteer, Trigger, Clethodim, Section, Intensity, Intensity One, Tapout | 24 | 40 | Min 10 with broadleaf tank mix | 1 Heavy rainfall shortly after application may require re-treatment |
| Sequence | 24 | 60 | 10 - 40 | 6 |
| Stinger, Clopyr Ag, Spur, Clean Slate | 12 | 45 | 10 or more | 6 |
| Treflan | 12 | --- | 5 - 40 | 0 |
| UpBeet | 4 | 60 | Min 10 | 6 |

WARNING: This information is based on pesticides registered with EPA in November 2017. Sugarbeet treated with a non-registered pesticide or other chemical may have illegal residues and violate the grower 5 year agreement and will not be accepted by American Crystal Sugar Company for delivery. When applying pesticides in 2018, check labels registered with EPA for proper pesticide use recommendations.



Specifications For Proper Pesticide Use Crop Year 2018

Read and Follow Label Directions



| Product Insecticides | REI (Restricted Entry Interval - hours) | PHI (Pre Harvest Interval - days) | Ground Application Water Volume (gallons) | Rainfast (hours) |
|---|---|-----------------------------------|---|---|
| Asana XL, Zyrate | 12 | 21 | Min 2 | avoid applying where surface water is present |
| Counter 20G | 48 - 72 | 90 | ----- | 0 |
| Dibrom 8 Emulsive | 48 | 2 | 1 - 5 | +++ (see reference below) |
| Lannate LV, Lannate SP | 48 | 21 | Use sufficient water for uniform coverage | avoid applying where surface water is present |
| Lorsban 15G, Nufos 15G, Chlorpyrifos 15G | 24 | 7 | ----- | 0 |
| Lorsban 4E, Lorsban Advanced, Chlorpyrifos 4E, Chlorpyrifos 4E AG, Nufos 4E, Govern 4E, Warhawk 4E, Whirlwind 4E, Yuma 4E | 24 | 30 | 10 - 30 | 0 |
| Mustang Maxx | 12 | 50 | Min 10 (foliar) Min 3-5 (soil applied) | avoid applying where surface water is present (foliar) |
| Sevin 4F, Sevin XLR Plus | 12 | 28 | Use sufficient water for uniform coverage | avoid applying where surface water is present |
| Thimet 20G | 48 - 72 | 30 | ----- | 0 |
| Fungicides | | | | |
| Agri Tin (powder) Agri Tin Flowable (liquid) | 48 | 7 MN & 21 ND 7 MN & 7 ND | At least 15 | avoid applying where surface water is present |
| Azteroid | 4 | 0 | 5 - 10 in-furrow | soil applied |
| Copper (various) | 48 | 0 | Min 20 | apply and allow to dry on leaves |
| Eminent | 12 | 14 | 5 or more | avoid applying where surface water is present |
| Enable 2F | 12 | 14 | 20 | 1 |
| Gem | 12 | 21 | Min 10 | avoid applying where surface water is present |
| Headline EC, Headline SC, Pyrac 2EC | 12 | 7 | sufficient water to ensure thorough coverage of foliage | avoid applying where surface water is present |
| Inspire XT | 12 | 21 | 15 | Excellent rainfastness due to rapid uptake |
| Manzate 75 DF, Penncozeb DF | 24 | 14 | Min 20 | avoid applying where surface water is present |
| Minerva | 12 | 14 | 5-10 gallons | apply and allow to dry on leaves |
| Minerva Duo | 48 | 14 | 5-10 gallons | apply and allow to dry on leaves |
| Proline | 12 | 7 | Min 10 | 2 |
| Priaxor | 12 | 7 | Min 5 | avoid applying where surface water is present |
| Quadris, Aframe, Satori, Equation | 4 | 0 | Min 10 | avoid applying where surface water is present |
| Sulfurs (various) | 24 | 0 | Min 5 | avoid applying where surface water is present |
| Super Tin (80 WP) Super Tin (4 L) | 48 | 7 MN & 21 ND 7 MN & 7 ND | At least 15 | avoid applying where surface water is present |
| Topguard | 12 | 21 | Min 10 | 2 |
| Topsin 4.5L, Topsin 4.5 F, Topsin M 70 WDG, Topsin M WSB, Thiophanate Methyl 85 WDG, T-Methyl 70W WSB, T-Methyl 4.5 F, | 24 | 21 | 5 | use sufficient volume of spray to provide thorough coverage |

*** Heavy rainfall soon after application may wash this product off of the foliage and a repeat application may be required for adequate control. (6 hours usually adequate)

+++ Do not apply within 24 hours following rainfall or irrigation, or in areas where intense or sustained rainfall is forecasted to occur within 24 hours following application
When applying pesticides in 2018, check labels registered with EPA for proper pesticide use recommendations.