



## Specifications For Proper Pesticide Use Crop Year 2023

### Read and Follow Label Directions



Product	REI (Re Entry Interval - hours)	PHI (Pre Harvest Interval - days)	Ground Application Water Volume (gallons)	Rainfast (hours)
<b>Herbicides</b>				
Assure II, Targa	12	45	10 - 15	1
Betamix, D-P Mix, Phen-Des, Sugarbeet Mix	24	75	10 - 20	6
Dual Magnum, Cinch, Brawl, Charger Basic, EverpreX, Mocassin, (multiple Generics)	24	60	Min 10	0
Eptam	12	---	Min 10	0
Far-Go (Granular)	12	---	-----	0
Far-Go 4EC (liquid)	12	---	Min 10	0
Fusilade DX	12	90	5 - 40	1
Gramoxone SL 2.0	24	---	Min 10	.5 hours
Gramoxone SL 3.0	24	---	Min 10	.5 hours
Liberty 280 SL	12	---	Min 15	4
Nortron SC *		* ---		
Ethotron SC **	12	** 90 if tank-mixed with Betamix or Betanex	10 - 60	6 (foliar) 0 (soil)
Ethofumesate 4SC***, Nektron SC ***		*** 45		
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	48	---	10 - 50	0
Roundup Powermax 3, 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
Sequence	24	60	10 - 40	Heavy rainfall shortly after application may require re-treatment
Stinger, Stinger HL, Clopyr Ag, Spur, Clean Slate	12	45	10 or more	6
Treflan	12	---	5 - 40	0
UpBeet	4	60	Min 10	6
Warrant	12	70	10 or more	0

**WARNING:** This information is based on pesticides registered with EPA in January 2023. 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 2023, check labels registered with EPA for proper pesticide use recommendations.



# Specifications For Proper Pesticide Use Crop Year 2023

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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)
Fastac EC	12	50	Min 2 by air or min 10 by ground	
Lannate LV, Lannate SP	48	21	Use sufficient water for uniform coverage	avoid applying where surface water is present
Midac FC	0 if soil incorporated	0	Use sufficient water for uniform coverage	0
Movento	24	28	15 ground, 5 aerial	
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
Vantacor	4	1	-----	48

### Fungicides

Acropolis	24	21	20	apply and allow to dry on leaves
Super Tin, Agri Tin (powder)		21 MN & 21 ND		
Super Tin, Agri Tin Flowable (liquid)	48	7 MN & 7 ND	At least 15	avoid applying where surface water is present
AZteroid FC 3.3	4	0	5 - 10 in-furrow	soil applied
Brixen	12	14	20	2
Copper (various)	48	0	Min 20	apply and allow to dry on leaves
Dexter Max	24	14	20	apply and allow to dry on leaves
Domark, Eminent VP, Minerva	12	14	sufficient water to ensure thorough coverage of foliage	
Elatas	12	^ ^ ^	Min 10 Gal	# # #
Enable 2F	12	14	20 gallons	
Excalia	12	50	sufficient water volume to provide thorough and uniform coverage	2
Gem 500 SC	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
Lucento	12	21	apply as a foliar spray with sufficient water	
Mankocide	48	14	25 or more	
Manzate pro-stick, Penncozeb 75 DF	24	14	Min 20	avoid applying where surface water is present
Minerva Duo	48	14	20 gallons	apply and allow to dry on leaves
Proline	12	7	Min 10	2
Propulse	12	7		
Provysol	12	7	Min 10	avoid applying where surface water is present
Priaxor	12	7	sufficient water volume to provide thorough and uniform coverage	avoid applying where surface water is present
Quadris, Aframe, Azteroid FC 3.3	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)		7 MN & 21 ND		
Super Tin (4 L)	48	7 MN & 7 ND	At least 15	avoid applying where surface water is present
Topguard, TopGuard EQ	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	20	apply and allow to dry on leaves

The information on this reference card is not a substitute for the product label.

When applying pesticides in 2023, check labels registered with EPA for proper pesticide use recommendations.

\*\*\* 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

^ ^ ^ BBCH 31; Beginning of crop cover; Leaves cover 10% of ground

# # # Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours

January 2023

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