

2025 American Crystal Sugar Company
ROOT MAGGOT MANAGEMENT OPTIONS



***Chlorpyrifos**



	AT-PLANT / POST	POST	POST-Liquid	POST	POST	AT-PLANT
METHOD	Band (5-7")	Band (5-7")	Broadcast	Broadcast	Broadcast	In-Furrow
RATE	4.5 lbs./acre Low 7.5 lbs./acre Moderate 8.9 lbs./acre High	4.9 - 7.5 lbs./acre	2 pts./acre	4 oz./acre	9.6 oz./acre	13.6 oz./acre
NOTES	<ul style="list-style-type: none"> Avoid direct contact with seed May be banded over rows post-emergence Incorporate lightly into soil Only one application may be made per year 90-day PHI** 	<ul style="list-style-type: none"> Apply 6 - 14 days Pre-Peak Fly Incorporate lightly into soil Do NOT apply more than once per year 30-day PHI** 	<p>*ONLY USE:</p> <ul style="list-style-type: none"> In states with a state registration for Chlorpyrifos Products registered with the EPA & state Contact your Agriculturist to verify <p>Follow information on registered label for:</p> <ul style="list-style-type: none"> Max use/application Max use/season Max apps/season PHI** Any re-application intervals 	<ul style="list-style-type: none"> Do NOT apply more than 12 oz./acre per season. 7-day re-application interval 50-day PHI** 	<ul style="list-style-type: none"> Do NOT apply more than 28.8 oz./acre per season. 21-day PHI** 	<ul style="list-style-type: none"> Can be tank mixed with starter fertilizer (a jar test is always recommended) Not to be used in moderate or severe areas as a stand-alone product.

Insecticide Seed Treatments:
Poncho Beta; CruiserMaxx; NipsitINSIDE are NOT to be used as stand-alone SBRM control in moderate or severe areas.
****PHI = Pre-Harvest Interval**
^Information on this sheet is not a substitute for reading the product label. When applying pesticides in 2025, check labels registered with the EPA and respective state for proper pesticide use.

Root Maggot Management Options

SEVERITY	HIGH	MODERATE	LOW
RECOMMENDATIONS	<ul style="list-style-type: none"> High rate of Counter 20G <ul style="list-style-type: none"> 8.9# At-Plant Thimet (7.0#) application <ul style="list-style-type: none"> 6 - 14 days Pre-Peak 	<ul style="list-style-type: none"> Moderate rate Counter 20G <ul style="list-style-type: none"> 7.5# At-Plant 	<ul style="list-style-type: none"> Moderate rate Counter 20G <ul style="list-style-type: none"> 7.5# At-Plant - or - a seed treatment - or - Midac FC In-Furrow
	<p><u>Post liquid insecticide options as fly counts reach threshold*</u></p> <ul style="list-style-type: none"> Mustang Maxx @ 4 oz./acre Asana XL @ 9.6 oz./acre Chlorpyrifos** @ 2 pt./acre 	<p><u>Post liquid insecticide options as fly counts reach threshold*</u></p> <ul style="list-style-type: none"> Mustang Maxx @ 4 oz./acre Asana XL @ 9.6 oz./acre Chlorpyrifos** @ 2 pt./acre 	<p><u>Post liquid insecticide options as fly counts reach threshold*</u></p> <ul style="list-style-type: none"> Mustang Maxx @ 4 oz./acre Asana XL @ 9.6 oz./acre Chlorpyrifos** @ 2 pt./acre

****ONLY USE Chlorpyrifos products registered with the EPA & State**

- Contact your Agriculturist to verify!

Growers are encouraged to monitor SBRM fly activity on their farms with sticky stake traps.

***Sugarbeet Root Maggot Fly Thresholds**

Post-emergence insecticide applications should occur ahead of peak fly activity when:

- Unprotected fields have cumulative fly counts of 40-45 flies/stake
- Fields protected with an at-plant insecticide exceed cumulative fly counts of 70 flies/stake
- Additional post-liquid insecticide applications may be required if fly populations resurge

Insecticide General Application Timing:

- Post-Granule Applications: 6 - 14 days before expected SBRM fly activity peak
- Post-Liquid Applications: 2 - 3 days before expected



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