



2026 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	<u>Midac 4</u> 6.0 oz./acre <u>Midac FC</u> 13.6 oz./acre (FC)
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> <p><u>Max use/application</u></p> <ul style="list-style-type: none"> Pilot 4E 2pts./A on SBRM <p><u>Max use/season</u></p> <ul style="list-style-type: none"> Pilot 4E 2pts./A on SBRM <p><u>Max apps/season</u></p> <ul style="list-style-type: none"> Pilot 4E = 1 app/year <p><u>PHI</u></p> <ul style="list-style-type: none"> Pilot 4E 30-day PHI** 	<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"> *Midac 4 - use only in ND. Midac 4 is not registered for use in MN. Midac FC - existing stock only 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

^aInformation on this sheet is not a substitute for reading the product label. When applying pesticides in 2026, 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 6 - 14 days Pre-Peak <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 	<ul style="list-style-type: none"> Moderate rate Counter 20G <ul style="list-style-type: none"> 7.5# At-Plant <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 	<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 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

****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 SBRM fly activity peak



American Crystal
Sugar Company

