







# 2025 ACSC ROOT MAGGOT MANAGEMENT OPTIONS

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

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.

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

**\*\*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