







2024 ACSC ROOT MAGGOT MANAGEMENT OPTIONS

 American Crystal Sugar Company	 COUNTER 20G LOCK'NLOAD	 Thimet 20-G	*Chlorpyrifos	 MUSTANG MAXX	 ASANA XL INSECTICIDE	 Midac™ 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 pt./acre	BROADCAST 4 oz./acre	BROADCAST 9.6 oz./acre	IN-FURROW 13.6 oz./acre
NOTES	<ul style="list-style-type: none"> • Avoid direct contact with seed • May be banded over rows postemergence • 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 • Not more than: <ul style="list-style-type: none"> • 6pts/acre/season & • 3 apps/season • 30-day PHI** • 10-day re-application interval 	<ul style="list-style-type: none"> • Do not apply more than 12 oz./acre per season. • 7-day re-application interval • 50-day PHI** • Addition of Exponent @ 4 oz./acre may increase control 	<ul style="list-style-type: none"> • Do not apply more than 28.8 oz./acre per season. • 21-day PHI** • Addition of Exponent @ 8 oz./acre may increase control 	<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

ROOT MAGGOT MANAGEMENT OPTIONS



Severity	HIGH	MODERATE	LOW
Recommendations	<ul style="list-style-type: none"> • High rate of Counter 20G 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 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 of Counter 20G 7.5# At-Plant -or - a seed treatment -or - Midac FC In-Furrow <p><u>Post liquid insecticide options if 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:** In states with a State registration for Chlorpyrifos & Chlorpyrifos products registered with 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