







2022 ACSC ROOT MAGGOT MANAGEMENT OPTIONS

 American Crystal Sugar Company					
METHOD	AT-PLANT/ POST	POST	POST	POST	AT-PLANT
RATE	4.5 lbs./acre Low 7.5 lbs./acre Moderate 8.9 lbs./acre High	4.9-7.5 lbs./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 postemergence <ul style="list-style-type: none"> Incorporate lightly into soil Only one application may be made per year Pre-Harvest Interval = 90 days 	<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 Pre-Harvest Interval = 30 days 	<ul style="list-style-type: none"> Do not apply more than 12 oz./acre per season. 7-day re-application interval Pre-Harvest Interval = 50 days 	<ul style="list-style-type: none"> Do not apply more than 28.8 oz./acre per season. Pre-Harvest Interval = 21 days 	<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

ADDITIONAL NOTES:

Insecticide Seed Treatments: Poncho Beta; CruiserMaxx; NipsitINSIDE are not to be used as stand-alone SBRM control in moderate or severe areas.

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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>When fly counts reach threshold*</u></p> <ul style="list-style-type: none"> Mustang Maxx at 4 oz./acre -or Asana XL @ 9.6 oz./acre 	<ul style="list-style-type: none"> Moderate rate Counter 20G 7.5# At-Plant <p><u>When fly counts reach threshold*</u></p> <ul style="list-style-type: none"> Mustang Maxx at 4 oz./acre -or Asana XL at 9.6 oz./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>Monitor SBRM fly population</p> <p><u>If fly counts reach threshold*</u></p> <ul style="list-style-type: none"> Mustang Maxx at 4 oz./acre -or Asana XL at 9.6 oz./acre

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

Insecticide 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