T-Band Applications For Improved Sugar Beet Stands

Take an integrated approach to protecting sugar beet stands

This trial was conducted in 2011 at St. Louis, Michigan, by Michigan Sugar Co. The objective was to compare various insecticide + fungicide treatments upon sugar beet stand. Treatments were applied in 10 gallons of water in a 3.5 inch T-band at planting. At 89 days, the Mustang® Maxx insecticide 4 oz./acre + Quadris® fungicide 7.1 oz./acre treatment had the highest sugar beet stand count.

<table>
<thead>
<tr>
<th>Treatment</th>
<th># Plants/100 ft. - 89 Days After Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Untreated Check</td>
<td>106</td>
</tr>
<tr>
<td>Lorsban® insecticide 4E 1 pt./acre + Quadris fungicide 7.1 fl. oz/acre</td>
<td>120</td>
</tr>
<tr>
<td>Mustang® Maxx Insecticide 4 oz/acre + Quadris fungicide 7.1 fl. oz/acre</td>
<td>143</td>
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</tbody>
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Maximizing At-Plant Insecticide + Fungicide Applications to Sugar Beets

1. Apply Mustang Maxx insecticide 4 oz./acre in a 3.5 inch T-band in at least 10 gallons of spray.
2. Apply Quadris fungicide 7.1 oz./acre in a 3.5 inch T-band in at least 10 gallons of spray.
3. To prevent screen and spray nozzle clogging:
   A. Pre-slurry Quadris fungicide thoroughly before adding to tank, which is at least half full of water
   B. Use slight to moderate agitation. DO NOT use vigorous agitation.
   C. Pre-slurry Mustang Maxx insecticide
   D. Be sure Quadris fungicide is thoroughly dispersed before adding pre-slurried Mustang Maxx insecticide
   E. Maintain moderate agitation through application and planting
   F. Mix only what will be needed for the day. Try to avoid storing Quadris fungicide mixtures overnight.
   G. A 50 mesh screen or courser is recommended between pump and boom or at the nozzle. It is suggested that an extra set of screens be available to rotate as one set is being soaked and cleaned daily.
Always read and follow label directions. NOTE REGARDING RESTRICTED USE PESTICIDES: Anthem ATZ herbicide; Athena insecticide, Brigade 2EC Insecticide/Miticide, Brigade WSB Insecticide/Miticide, Brigadier Insecticide Capture 3RIVE 3D insecticide, Capture LFR Insecticide, Declare insecticide, Hero Insecticide, Mustang Insecticide, Mustang Maxx Insecticide, Pounce 25WP Insecticide, Stallion Brand Insecticide, Temtril LFR Insecticide/Fungicide, Triple Crown Insecticide, Ethos X herbicide Insecticide/Fungicide and Gladiator Insecticide/Miticide are Restricted Use Pesticides. NOTE FOR CALIFORNIA: Accurate Extra herbicide, Aim herbicide, Aim EC herbicide, Aim EW herbicide, Anthem herbicide, Anthem ATZ herbicide, Anthem Flex herbicide, Anthem MAXX herbicide, Authority Assist herbicide, Authority Elite herbicide, Authority First DF herbicide, Authority MAXX herbicide, Authority MTZ DF herbicide, Authority XL herbicide, Cadet herbicide, Chisum Herbicide, Command 3ME microencapsulated herbicide, Crusher Herbicide, Edition Broadspec herbicide, Edition Tankmix Herbicide, Marvel herbicide, Nimble Herbicide, Nuance Herbicide, Preemptor SC fungicide, Report Extra Herbicide, Solstice herbicide, Spartan 4F herbicide, Spartan Charge herbicide, Spartan Elite herbicide, Temtril LFR Insecticide/Fungicide, Topguard EQ fungicide, Zeus Prime XC herbicide, Zeus XC herbicide, Capture 3RIVE 3D insecticide, Ethos X herbicide Insecticide/Fungicide, Hero Insecticide, Mustang Maxx Insecticide, Display cotton harvest aid, Zoro Miticide and VGR Soil Amendment are not registered for sale or use in California. VGR Soil Amendment is not a pesticide. Beleaf and Carbine are trademarks of Ishihara Sangyo Kaisha, Ltd. Cercobin is a trademark of Nippon Soda Co., LTD. Sovran is a registered trademark of BASF. FMC, 3RIVE 3D, Accurate, Aim, Anthem, Athena, Authority, Brigade, Cadet, Capture, Chisum, Command, Crusher, Declare, Display, Edition, Ethos, Preemptor, Fracture, Fyfanon, Gladiato r, Hero, Koverall, LFR, Marvel, Mustang, Nimble, Obey, Pounce, Report, Rhyme, Rovral, Shark, Solida, Solstice, Spartan, Stallion, Temtril, Topguard, Topguard Terra, VGR and Zeus are trademarks and HatchTrak and Investing in farming’s future are service marks of FMC Corporation or an affiliate. ©2016 FMC Corporation. All rights reserved. 11/16

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