
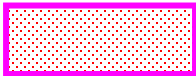







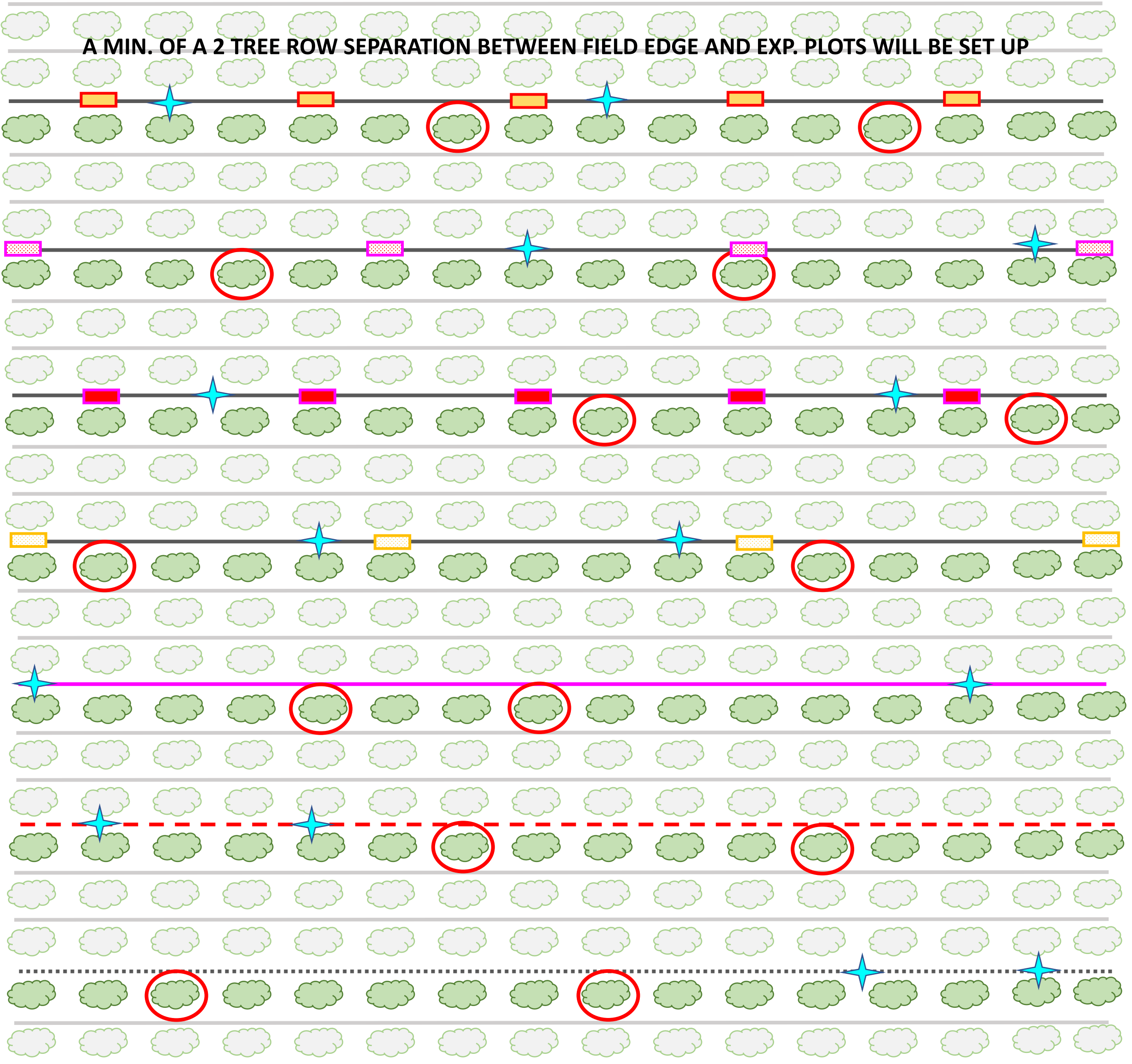


Obj. 1. Plot map for Insecticide Barrier Spray Treatments Applied to PVC Irrigation Pipes Under Citrus Trees for Control of Argentine Ant

-  Insecticide 1 Applied at ~30 m intervals (~ every 3rd tree along an irrigation line)
-  Insecticide 1 Applied at ~50 m intervals (~ every 5th tree along an irrigation line)
-  Insecticide 2 Applied at ~30 m intervals (~ every 3rd tree along an irrigation line)
-  Insecticide 2 Applied at ~50 m intervals (~ every 5th tree along an irrigation line)
-  Insecticide 1 Applied to the Entire Irrigation Line
-  Untreated Control Irrigation Lines
-  Insecticide 2 Applied to the Entire Irrigation Line
-  Five Randomly Selected Trees in Plots to be Visually Sampled for 1 min. for Ant Activity on Trunks
-  Five Randomly Selected Pipe Sections to be Visually Sampled for 1 min. for Ant Activity

Begin Block 1

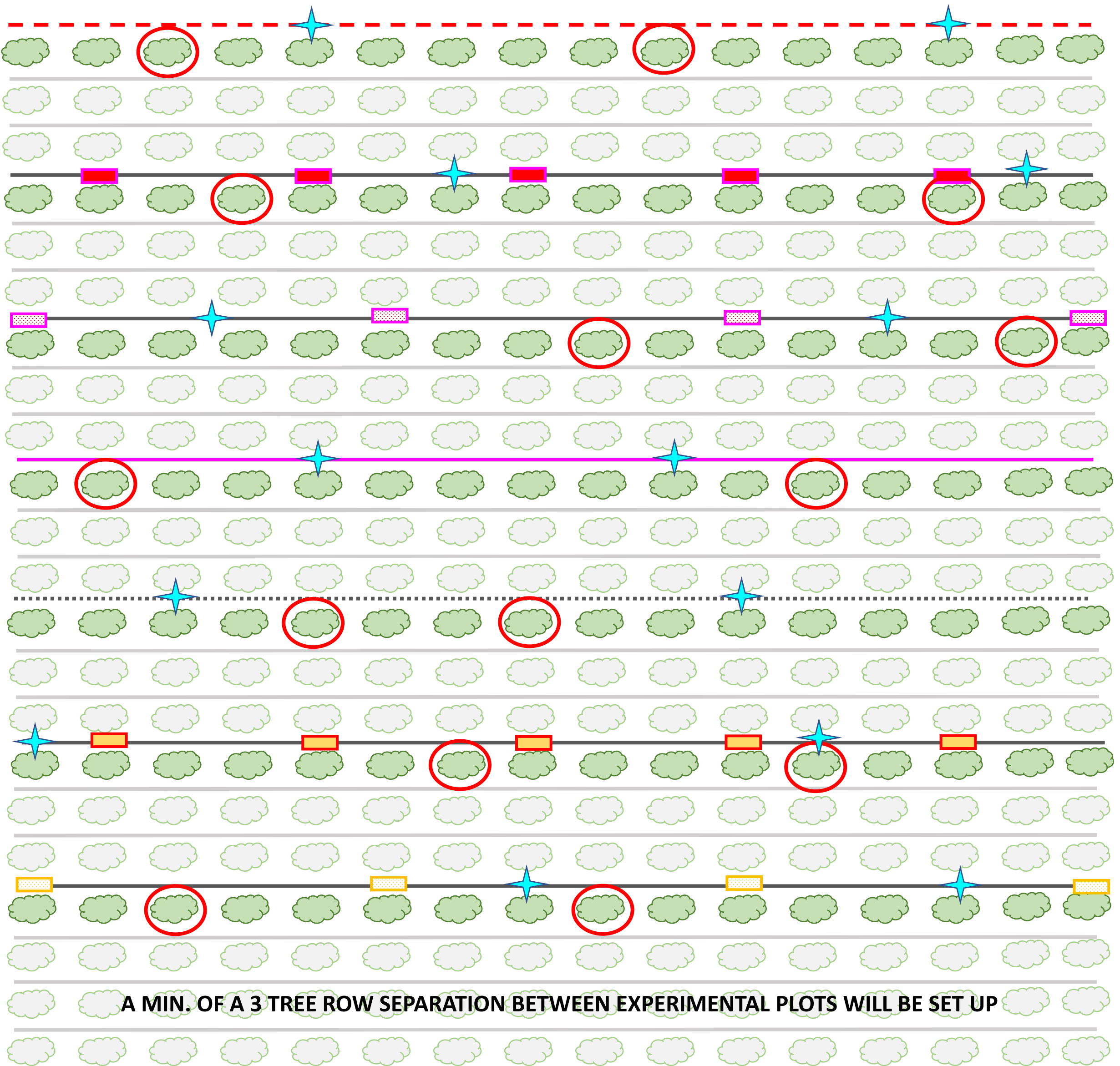
A MIN. OF A 2 TREE ROW SEPARATION BETWEEN FIELD EDGE AND EXP. PLOTS WILL BE SET UP



End Block 1



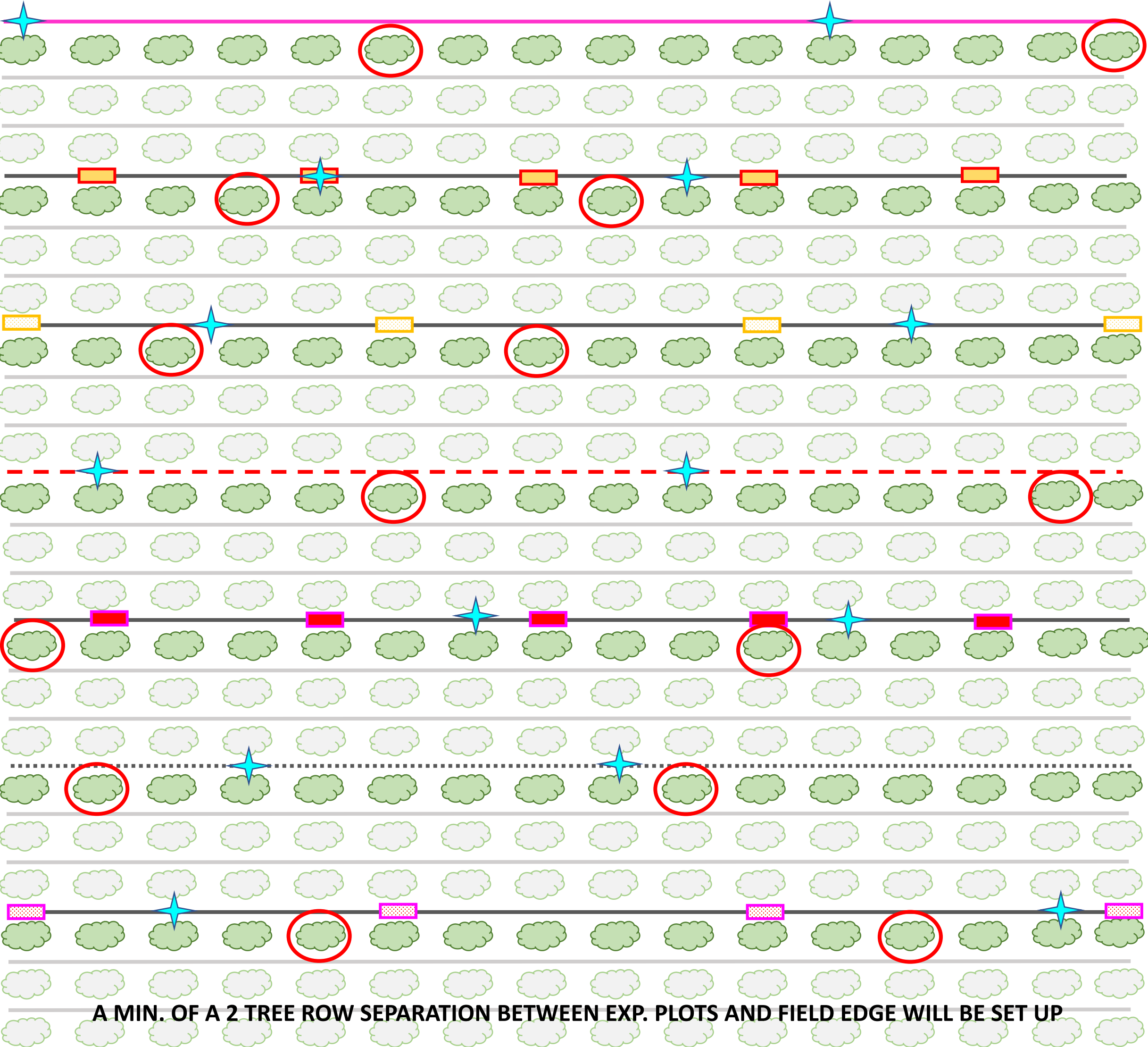
Begin Block 2



End Block 2



Begin Block 3



End Block 3

Obj. 3. Plot Map for Field Trials Comparing Insecticide Barriers, Disruptive Pipe Topography, and Organic Mulches for Argentine Ant Control in Commercial Citrus Orchards



Most efficacious insecticide barrier spray identified from Obj. 1.



Composted organic mulch



Untreated 1/2 inch PVC irrigation pipe (control treatment)



1/2 inch irrigation pipe with disruptive patterned surface topography from Obj. 2

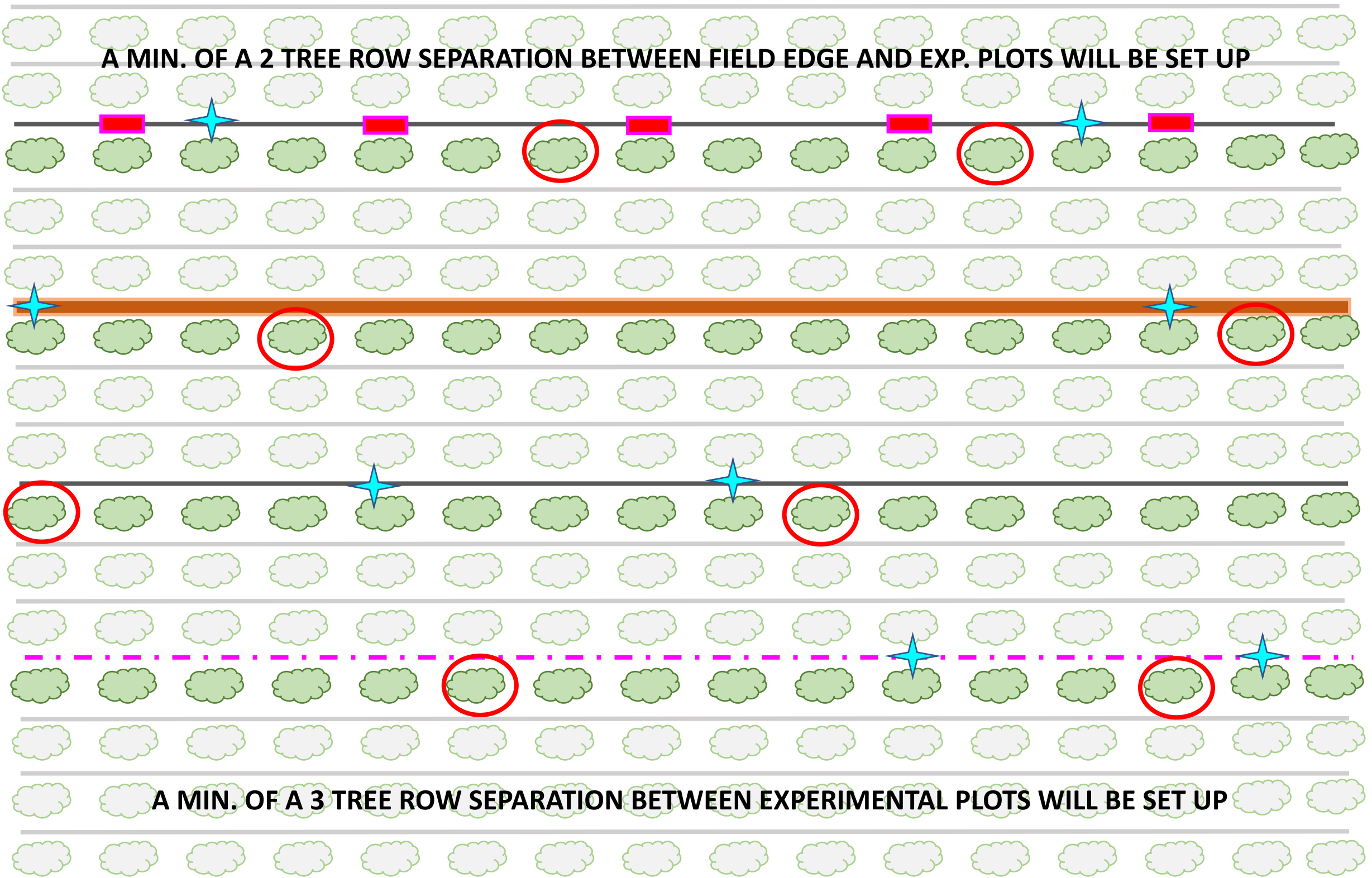


Five randomly selected trees in plots to be visually sampled for 1 min. for ant activity on trunks

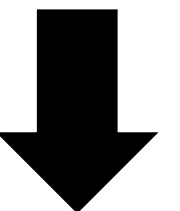


Five randomly selected pipe sections to be visually sampled for 1 min. for ant activity

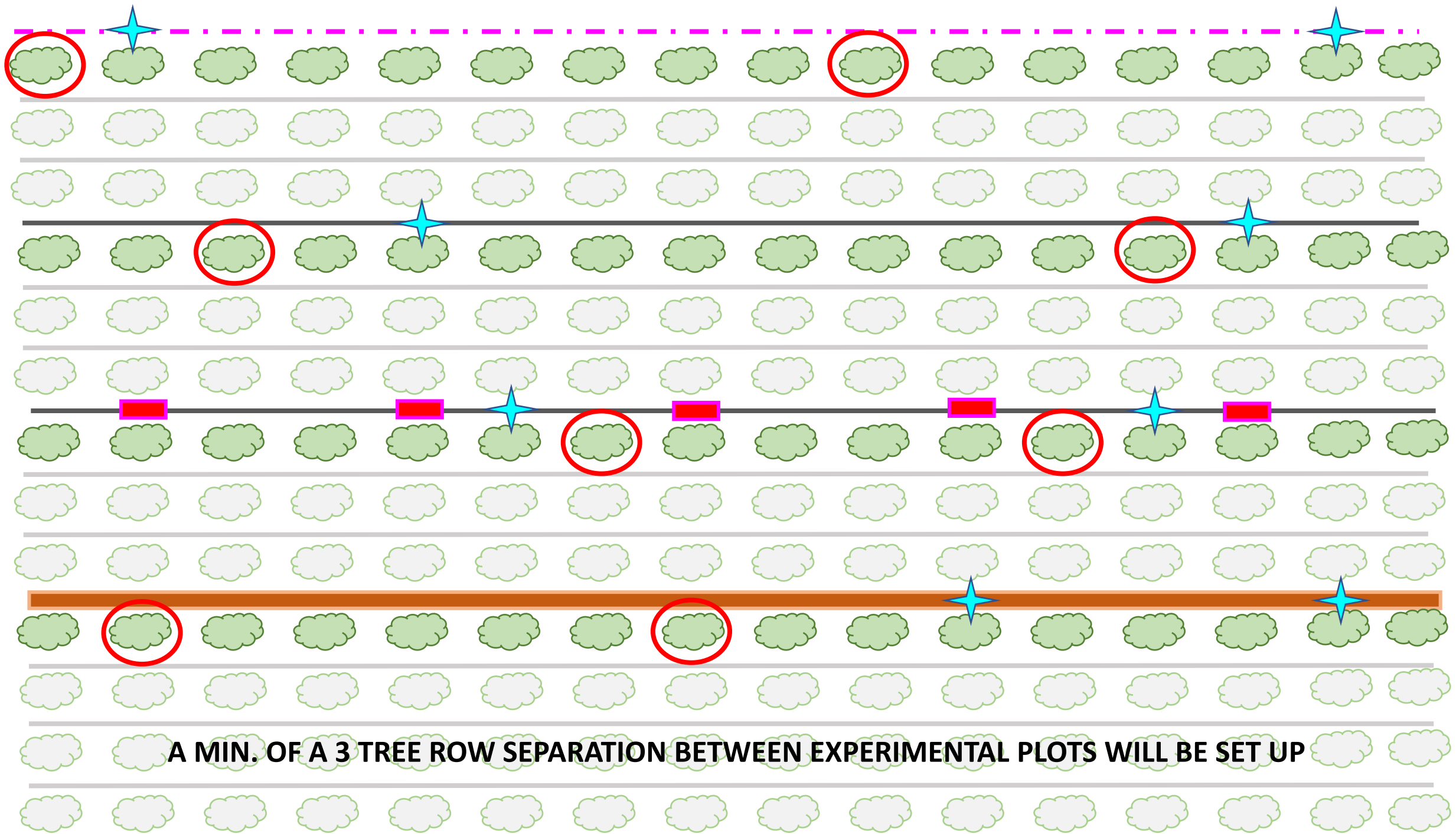
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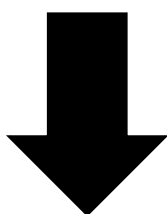
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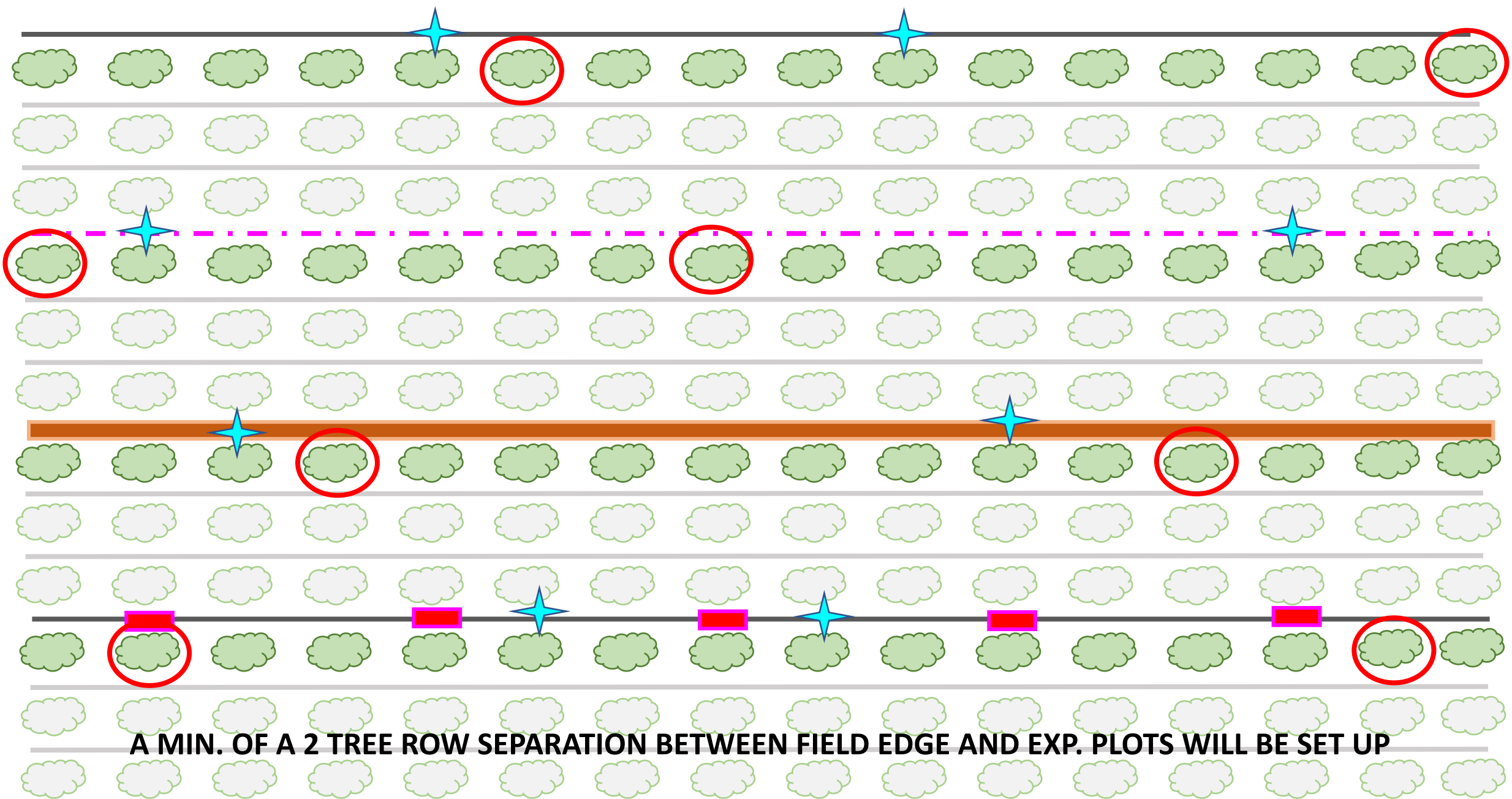
Begin Block 2



End Block 2



Begin Block 3



End Block 3