AGRICULTURAL BEET

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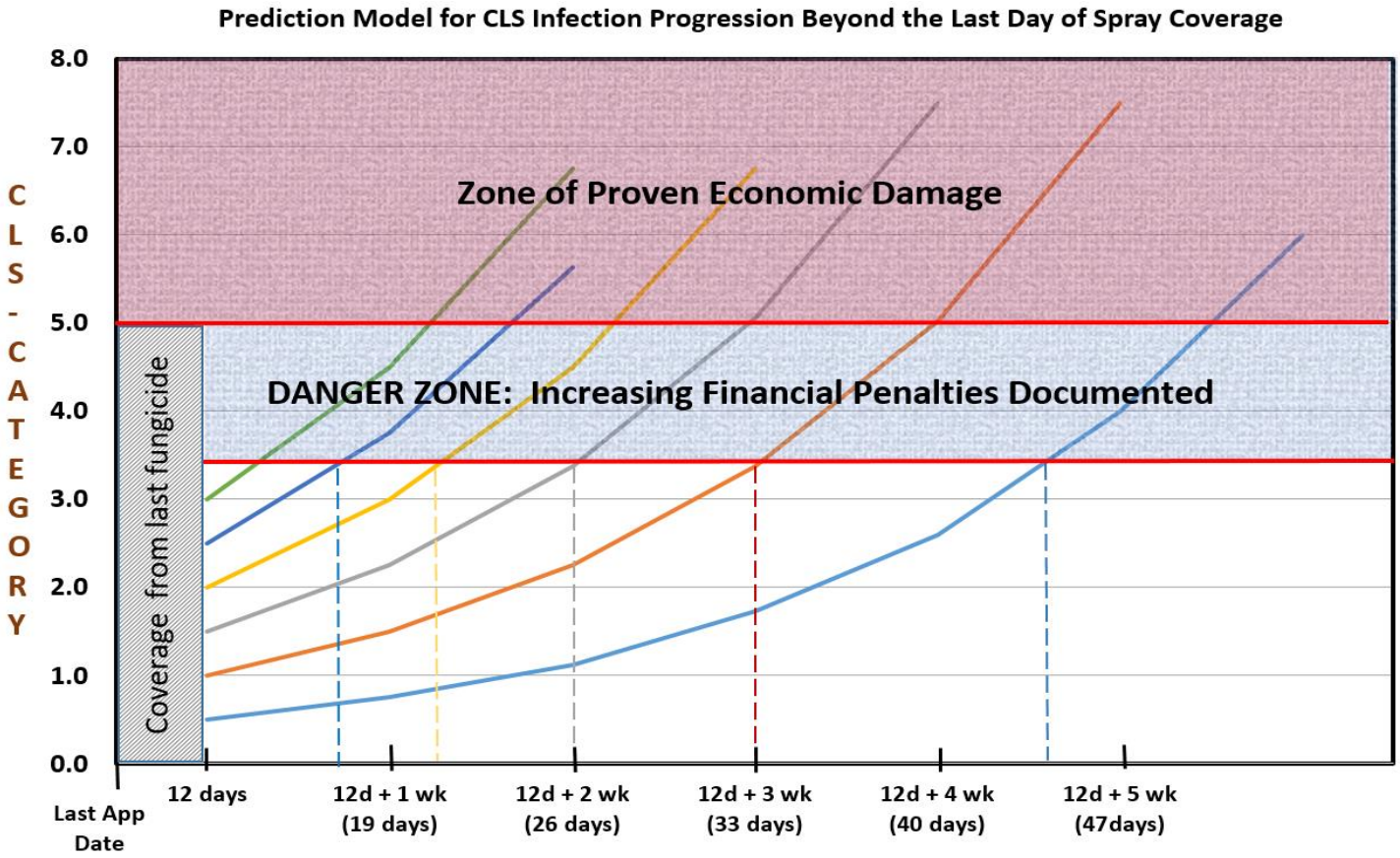
2021: Maintaining the Momentum

A model for making late season fungicide application decisions on a field-by-field basis.

A handful of SMBSC shareholders late last season left a portion of their field untreated to allow for observing CLS progression. Monitoring these untreated field areas along with untreated checks from SMBSC research trials provided invaluable tools for creation of a disease progression model found in the graphic below.



Bottom Line: To use the model: **1)** Establish an ***accurate*** CLS severity rating of the entire field. **2)** Note last spray date for the field, which will relate to the far left portion of left x-axis. **3)** Allow / add 12 days of coverage (grey box). **4)** Follow the line relating to your score from step one to determine an estimate of days required for disease to reach a specific threshold. **5)** Compare expected field harvest date with preharvest intervals and your level of comfort to determine if another application is needed. *Note that the model requires thoughtful consideration to recent weather patterns and variety tolerance.* Consult your Agriculturist with questions.

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