

AGRICULTURAL BEET

September 4th, 2020

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Foresight is 2020

Graphic Supplement to the End-of-Season Fungicide Application Decision Tool:

Last week an end-of-season CLS fungicide decision tool was made available to you. The tool uses scouting and field ratings to determine field strategies but lacks ability to account for varying spray programs and due dates.

Therefore, in the interest of assessing the potential for CLS progression in untreated sugarbeet fields at the end of a season, ratings were accumulated over time from untreated checks in the SMBCS-CLS trials in addition to a few field-scale untreated strips from a handful of daring shareholders willing to risk infection to cooperate.

Below is a graphic illustration of these observations. Note that use of this graph requires consideration of ...

1. Honest and objective field rating of CLS infection level.
2. Relative level of variety CLS tolerance.
3. Recognition that the infection progression found in the graph is generated from ratings taken during the severe infection DIVs of late August and is therefore purposely representative of a “worst-case-scenario”.
4. Begin on left side of graph at the 12-d after your last fungicide position (the last day of spray protection). Progress to the right in one week time intervals following the line that represents your score to estimate CLS progression. Total days from your last application is also calculated and displayed in parenthesis ().
5. An estimate of the approximate days until the field is harvested would also be useful.

