Serifel®
Biofungicide

Serifel is an agricultural biofungicide product for suppression of select foliar plant diseases in sugar beets.

This supplemental labeling expires November 10th, 2019, and must not be used or distributed after this date.

Active Ingredient:
Bacillus amyloliquefaciens strain MBI 600*†………………………………………………………………………………. 11.0%
Other Ingredients: …………………………………………………………………………………………………………………. 89.0%
Total: …………………………………………………………………………………………………………………………………… 100.0%

*Serifel contains a minimum of 5.5 x 10^{10} colony forming units per gram.
†Formerly named Bacillus subtilis strain MBI 600

EPA Reg. No. 71840-18
CAUTION/PRECAUCIÓN

Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire Serifel container label, EPA Reg. No. 71840-18, must be in possession of the user at the time of application.
- Read the label affixed to the container for Serifel before applying.
- Use of Serifel according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for Serifel.

Product Information

This package contains Serifel, a wettable powder (WP). The active ingredient in Serifel is Bacillus amyloliquefaciens strain MBI 600, a beneficial microbe providing suppression of listed foliar diseases in sugar beets. Apply Serifel preventively in low to medium disease pressure situations. Serifel can be applied as a foliar spray or a directed or banded spray. Serifel can be applied alone or in a tank mix with other registered pesticide products, unless otherwise noted in the Crop-Specific Directions. Apply Serifel in a regularly scheduled protective spray program and use in a rotation program with other registered pesticide products. Under higher disease pressure situations, Serifel can be tank mixed with other registered pesticide products.

Application Instructions

Apply rates of Serifel as instructed by the Crop-Specific Directions. Apply Serifel with ground equipment or through sprinkler irrigation equipment. Equipment must be checked frequently for calibration. If heavy rainfall or irrigation occurs shortly after application, reapplication of Serifel may be necessary.

Under low-level disease conditions, the minimum application rates can be used while maximum application rates and shortened spray schedules are to be used for severe or threatening disease conditions. Tank mixing Serifel with other registered pesticide products can also improve performance.

Restrictions and Limitations

- Crop Rotation Restriction - None
- Preharvest Interval (PHI) – 0 Day
- Re-entry Interval (REI) – 4 hours
- Not for use in California on crops marked with an asterisk (*) in Crop-Specific Directions

BASF Corporation
26 Davis Drive, Research Triangle Park, NC 27709
## Crop-Specific Directions

<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Product Use Rate per Application (oz or lb of Serifel®/Acre)</th>
<th>Application Directions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sugar beet*</td>
<td>Foliar diseases</td>
<td>4 – 16 oz/A (0.25 – 1.0 lb/A)</td>
<td>For Leaf spot and Powdery mildew, begin applications prior to infection and continue on 7- to 14-day intervals if conditions are conducive for disease development. Use the higher rate and shorter interval when disease pressure is high. For Rhizoctonia stem canker and crown rot, begin applications at the 2-leaf stage and continue on 3- to 10-day intervals until the 8-leaf stage. Mix and apply Serifel in sufficient water volume to ensure uniform dispersion in spray tank and thorough coverage of foliage and shoot tissue.</td>
</tr>
</tbody>
</table>

*Not registered for use in California.
Serifel is a registered trademark of BASF.