Visivio

Visivio™ seed treatment represents the next evolution of flea beetle control, offering canola growers a comprehensive solution for flea beetles, as well as seed and soil-borne diseases. A powerful combination of insecticides and fungicides, Visivio effectively controls striped and crucifer flea beetles and protects against a broad spectrum of seed and soil-borne diseases, including Rhizoctonia, Pythium, Fusarium, seed-borne Blackleg and seed-borne Alternaria.

Two flea beetle species are now present across the Canadian Prairies

A study¹ conducted in 2007, 2008 and 2011 concluded that striped flea beetle is now a frequently encountered flea beetle in most geographies of the Canadian Prairies.

![Maps showing the distribution of crucifer, striped, and other flea beetles in 2007, 2008, and 2011.]

• Crucifer flea beetle
• Striped flea beetle
• Other flea beetle

Source: Dr. Julie Soroka from Agriculture and Agri-Food Canada

Behavioral differences of striped flea beetles

Current seed treatment technology has provided excellent control of crucifer flea beetles to canola growers; however, striped flea beetles behave differently than crucifer species.

1. Emerge as adults 5-11 days after spring thaw begins
2. Appear 1-4 weeks earlier than crucifer flea beetles
3. Less susceptible to current seed treatment control options
4. Favour stem feeding

Canola production practices of planting under cool conditions and shorter canola rotations may contribute to increased incidents of striped flea beetle damage.


For more information, visit Syngenta.ca or contact our Customer Interaction Centre at 1-87-SYNGENTA (1-877-964-3682).

Always read and follow label directions. Helix Vibrance is an on-seed application of Helix Xtra Seed Treatment insecticide/fungicide and Vibrance 500FS Seed Treatment fungicide. Visivio is an on-seed application of Rascendo Seed Treatment insecticide and Helix Vibrance Seed Treatment insecticide/fungicide. Helix®, Vibrance®, Visivo®, the Alliance Frame, the Purpose Icon and the Syngenta logo are trademarks of a Syngenta Group Company. © 2017 Syngenta.
Visivio - Early season control, peace of mind for growers

Visivio offers enhanced early-season protection from both striped and crucifer flea beetles. Visivio also helps keep insect threshold levels low, and gives growers the opportunity to manage their time more effectively; potentially avoiding spraying during a very busy time of seeding.

The 2017 Syngenta Canola Seedcare Performance Package covers the direct cost of a single application of Matador® insecticide on acres treated with Visivio if flea beetle feeding has reached, or is approaching the action threshold of 25% damage on the cotyledons or first true leaves within 35 DAS. Terms and conditions apply.

Coming soon - watch for details on the 2018 Syngenta Canola Seedcare Performance Package.

Visivio in the field:

The below images from a Syngenta trial shows better plant growth in Visivio plot due to less flea beetle stress on June 10, 2016 (Syngenta research, Regina, SK; seeded May 13, 2016):

![Visivio plot](image1)

![Helix Vibrance](image2)

Plants treated with Visivio are further ahead.

Western Canadian Local Field Data

<table>
<thead>
<tr>
<th>Year</th>
<th>Yield Benefit</th>
<th>Average Yield Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>1.8 Bu/Ac (5.7%)</td>
<td>33.3 Bu/Ac 31.5 Bu/Ac</td>
</tr>
<tr>
<td>2016</td>
<td>1.8 Bu/Ac (3.8%)</td>
<td>49.6 Bu/Ac 47.8 Bu/Ac</td>
</tr>
</tbody>
</table>

2011 & 2012 Lab Study: Effect of Seed Treatment on Crucifer/Striped Flea beetles, Agriculture and Agri-Food Canada, Saskatoon, SK
2015 Syngenta Research Trials, N = 13 (fields seeded late April to mid-May only).
2016 Syngenta Demonstration Trials - N = 21 (fields taken to yield only).

Performance evaluations are based on field observations and Syngenta field trial data over a limited geography and time. Data from multiple years should be consulted whenever possible. Individual results may vary depending on local growing, soil and weather conditions.