

Lumiderm™

INSECTICIDE SEED TREATMENT

Lumiderm™ insecticide seed treatment provides excellent plant protection against both flea beetles and cutworms in one convenient bag.

Lumiderm Advantages

- Enhanced **crucifer and striped flea beetle** protection
- Excellent control of early season **cutworms**
- Outstanding early season seedling stand establishment, **vigour and biomass**
- Up to **35 days of protection** through the critical stages of seedling growth
- Group 28 chemistry provides an additional mode of effective action for flea beetle and cutworm control

LUMIDERM PROVIDES EXCELLENT FLEA BEETLE PROTECTION

- Lumiderm provides enhanced protection against both striped and crucifer flea beetles. Striped flea beetles usually appear earlier in the crop year and are harder to control with the base neonic seed treatments.
- Because Lumiderm works on the muscle system of the flea beetle instead of the nervous system, feeding stops quicker than when you use group 4 products on their own.
- 192 grower demo strip trials showed that Lumiderm treated canola had 35% less flea beetle feeding damage than canola treated with a standard neonic seed treatment.



Standard treatment



Lumiderm + Standard Treatment

Source: Sperling, MB

MORE THAN **12M** ACRES OF CANOLA WERE TREATED WITH LUMIDERM IN 2022*

LUMIDERM RESULTS

+1.4 BU/
AC

Shown in 137 grower demo trials

-35% FLEA BEETLE
DAMAGE

Shown in 192 R&D and grower demo trials



Standard treatment



Lumiderm + Standard Treatment

Source: Lumsden, SK. 22 Days After Seeding.

LUMIDERM CONTROLS ALL TYPES OF CUTWORMS

Cutworms are a real problem in canola production. Cutworms are very difficult to detect since they typically live underground during the day and feed at night. This makes it very challenging to control them with a foliar insecticide application.

That's why Lumiderm is such an important leap forward in seed treatment technology. During the first 35 days of seedling growth, Lumiderm™ protects your canola from cutworm feeding which helps enhance early season stand establishment and crop vigour.



Standard treatment



Lumiderm +
Standard Treatment

Source: Lumsden, SK. 22 Days After Seeding.



Standard treatment



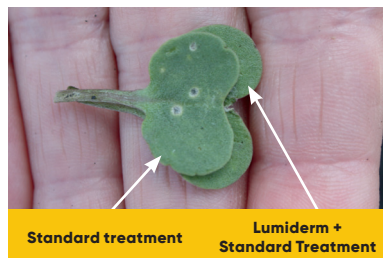
Lumiderm +
Standard Treatment

Source: Vimy, AB

LUMIDERM INCREASES PLANT VIGOUR & BIOMASS

Not only does Lumiderm reduce risk from both flea beetle and cutworm damage, it also delivers substantial increases in plant vigour and biomass. This means a larger canola plant and more uniformity in crop staging versus an untreated canola field.

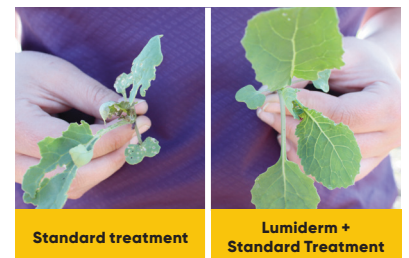
- Lumiderm treated hybrids show a significant advantage in plant size, vigour and biomass
- Lumiderm treated canola grows bigger, faster and more even than untreated canola.
- A more even canola stand at the start results in more even crop staging throughout the season, from flowering to harvest, resulting in an easier crop to manage.



Standard treatment

Lumiderm +
Standard Treatment

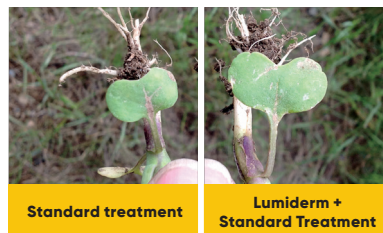
Source: Sperling, MB



Standard treatment

Lumiderm +
Standard Treatment

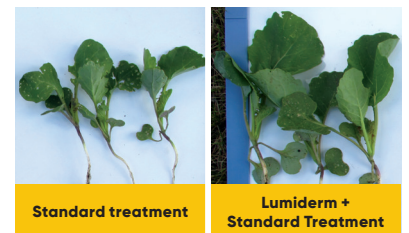
Source: Sperling, MB



Standard treatment

Lumiderm +
Standard Treatment

Source: Bow Island, AB



Standard treatment

Lumiderm +
Standard Treatment

Source: Vimy, AB