



BUTEOTM start

Powerful Protection From the Start

BUTEO[®] start is the powerful protection your canola seed needs against early flea beetle pressure. The effective and immediate protection from BUTEO[®] start results in outstanding plant resilience in the crucial early stages. Start your season strong with BUTEO[®] start.

/// KEY BENEFITS

- Powerful Group 4D insecticide (flupyradifurone)
- Offers superior protection against striped and crucifer flea beetles
- Rapid uptake and systemic translocation from cotyledon to leaf margins allow for a strong plant right off the start, even in dry conditions
- Stronger plant development leads to quicker canopy, more uniform flowering and better maturity
- Works great in combination with leading base canola seed treatments

/// FLEA BEETLE DAMAGE

Flea beetles can do a lot of harm in a short period of time, and seedlings are especially vulnerable. This pest can locate and defoliate seedlings shortly after emergence, which makes them very difficult to control. The result of an infestation are poor plant stands, delayed maturity, reduced yields and in severe cases, re-seeding may be required.

In Western Canada, yield losses of about 10% are common. This can cost growers an estimated \$300 million in damages every year.*

*Source: Knodel, J.J. and Olson, D.L., 2002. Crucifer-flea beetle: biology and integrated pest management in canola. North Dakota State Univ. Coop. Ext. Serv. Publ. E1234. North Dakota State University, Fargo, ND.

Key Crops

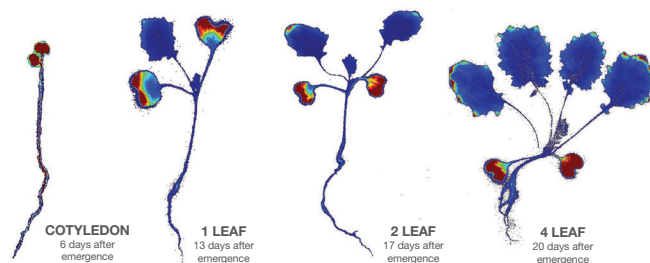
- Canola

Key Insects

- Striped flea beetles
- Crucifer flea beetles

/// SYSTEMIC TRANSLOCATION

BUTEO[®] start seed treatment protects canola from cotyledon to the three leaf stage — the time when seedlings are most susceptible to flea beetle feeding damage. The power of BUTEO[®] start's Group 4D insecticide, flupyradifurone, is its rapid uptake and ability to translocate into the cotyledon immediately. From there, it moves into the new leaves with the highest level of concentration traveling to the leaf margins. This early distribution thoroughly protects the plant, thereby allowing it to grow and develop a stronger plant stand even in dry conditions and in areas of high flea beetle pressure.



Source: Bayer systemicity studies: Uptake and translocation of [14C]-flupyradifurone after seed treatment in oilseed rape. Red indicates higher concentration of active.

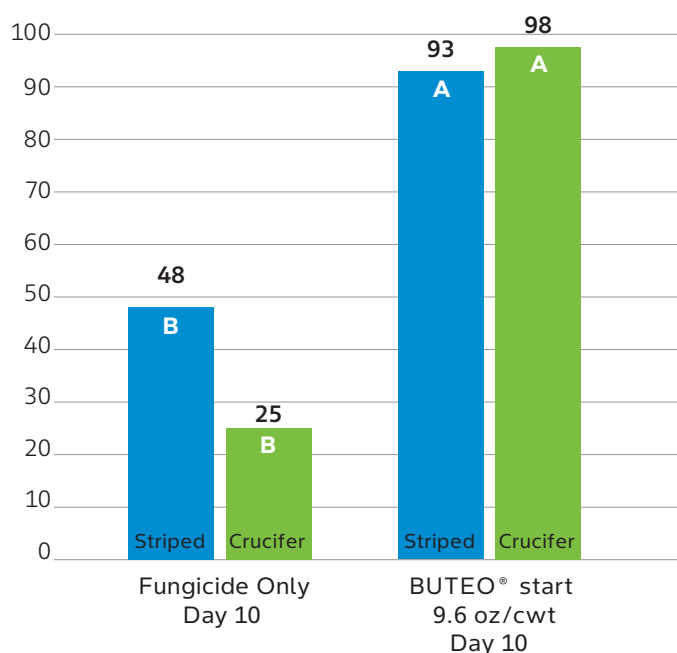
/// BUTEO® START ADVANTAGE

Recent trials demonstrated the superior flea beetle protection that BUTEO® start provides. These plots were seeded the same day. Canola treated with BUTEO® start, at the flowering stage, showed a bigger and fuller canopy. While the other plot treatments were further behind with fewer plant stands.



Source: Donn Velleckson, University of Minnesota (photos taken July 2022, Roseau, MN).
Treated seeds were seeded same day

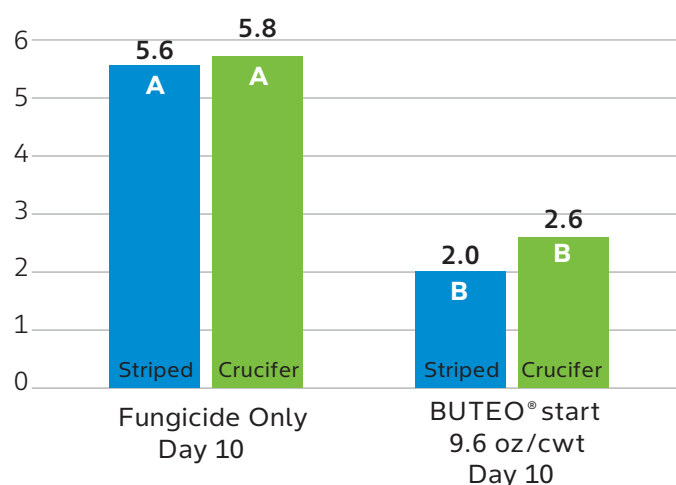
/// STRIPED & CRUCIFER FLEA BEETLE PERCENT MORTALITY



7 days after release

Greenhouse trials with NDSU, SP21USAHGG Canola Seed Growth Trial. Data managed by Jan Knodel

/// STRIPED & CRUCIFER FLEA BEETLE FEEDING INJURY



0-6, 0= no injury, 7 days after release

Greenhouse trials with NDSU, SP21USAHGG Canola Seed Growth Trial. Data managed by Jan Knodel

IMPORTANT: This bulletin is not intended to provide adequate information for use of these products. Read the label before using these products. Observe all label directions and precautions while using these products.

For more information, visit www.CropScience.Bayer.us.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Not all products are registered for use in all states and may be subject to use restrictions. Performance may vary, from location to location and from year to year, as local growing, soil and environmental conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on their growing environment. The recommendations in this material are based upon trial observations and feedback received from a limited number of growers and growing environments. These recommendations should be considered as one reference point and should not be substituted for the professional opinion of agronomists, entomologists or other relevant experts evaluating specific conditions. The distribution, sale, or use of an unregistered pesticide is a violation of federal and/or state law and is strictly prohibited. Check with your local dealer or representative for the product registration status in your state. Bayer, Bayer Cross, BUTEO® start and EverGol® are trademarks of Bayer Group. For additional product information call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at www.BayerCropScience.us. Bayer CropScience LLC, 800 North Lindbergh Boulevard, St. Louis, MO 63167. ©2026 Bayer Group. All rights reserved.

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