

# Lumiderm® Insecticide Seed Treatment

Cover crops, manure and early planting can all bring the potential for higher soybean yields. But these practices tend to attract overwintering insects, making it more challenging for young soybean seed and seedlings to get a good start. To counter this effect, farmers are adapting and utilizing advancements in seed applied technologies to protect their investments. An increasingly popular choice is Lumiderm® insecticide seed treatment, with a new insecticide class (cyantraniliprole, IRAC Group 28) and a different mode of action than standard neonicotinoids.

The breakthrough seed treatment controls early season soybean aphid, seedcorn maggot, wireworm, bean leaf beetle, cutworm, white grub, thrip and other labeled pests by moving systemically to stop insect feeding above and below ground. When paired with a neonicotinoid, Lumiderm provides a second mode of action (MOA) against key pests providing a broader and more robust level of protection.<sup>1</sup>

## Lumiderm®

### INSECTICIDE SEED TREATMENT



**Controls more insect pests**



**1–3-bushel boost when combined with other insecticide seed treatments<sup>1</sup>**



**8% improvement in reducing plant stand gaps<sup>2</sup>**

## Performance you can see

### Seedcorn maggots



Only fungicide seed treatment:  
injured cotyledon



**Lumiderm® insecticide seed treatment 0.57 fl oz/140k:**  
well-protected cotyledons

### Black cutworms



### Wireworms



Neonicotinoid insecticide  
seed treatment 0.8 oz/140k



**Lumiderm insecticide seed treatment 0.57 fl oz/140k**

<sup>1</sup> When paired with a neonicotinoid insecticide vs neonicotinoid insecticide treatment alone – 107 locations, multi-year replicated and strip trials 2019–2021.

<sup>2</sup> Significant yield improvement and reduction in plant stand gaps based on Corteva Agriscience research data 2018–2019, 73 locations.

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