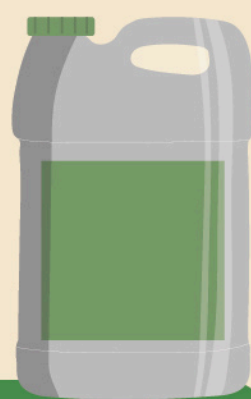


BIOst® Nematicide

by Pro Farm Group:

Sustainable Seed Protection



BIOst® is a broad-spectrum seed treatment nematicide effective against nematodes and soil-dwelling insect pests. It was compared to products used with the same pests to measure its environmental outcomes, and was shown to have lower toxicity levels and produce fewer GHG emissions.

Climate impact score: **9.9/10**



Key benefits by SDG impact

Climate impact – SDG 13

Replacing traditional insecticides with BIOst® Nematicide saves **5,300** metric tons of CO₂e per \$1M invested

= carbon captured by **6,500 acres** of US forest/year



Human safety – SDG 3

Toxic chemicals per product weight:



<1%

BIOst



22-45%

Neonicotinoids



46-68%

Abamectin



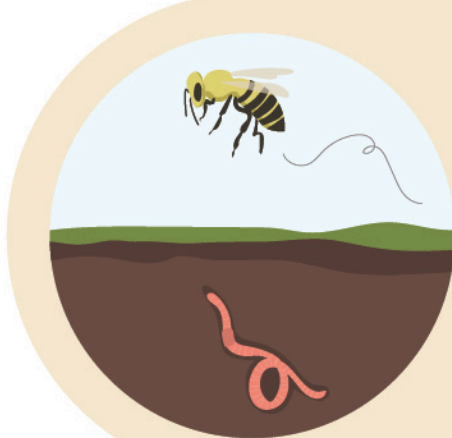
18-35%

Diamides



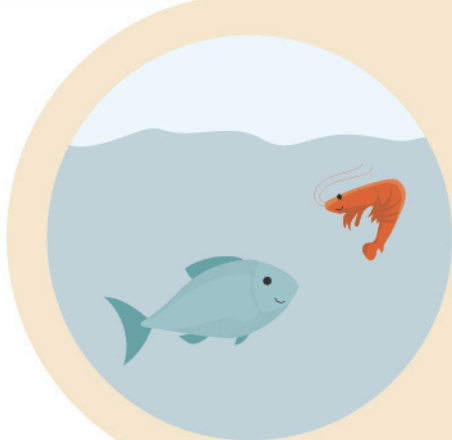
Biodiversity and soil health – SDG 2 & 15

- BIOst® Nematicide contributes to sustainable agriculture because it **doesn't cause harm** to beneficial insects, soil-dwelling organisms and is readily **biodegradable**.



Aquatic safety – SDG 14

- Pesticides can leak into water bodies and affect aquatic life, from small invertebrates to fish. BIOst® Nematicide has **very low toxicity** in this environment.



Why it matters

BIOst® Nematicide offers proven environmental and health benefits over traditional insecticides, making crop protection safer for people, pollinators, soil, and water.



SUSTAINABLE
DEVELOPMENT GOALS

