

CASE STUDY

Boost Fungicide Performance and Yield with OxiDate® 5.0



INTRODUCTION

White mold, bacterial blight, and frogeye leaf spot are persistent foliar diseases that threaten soybean and dry bean production. As pathogen inoculum builds in the canopy, even a 15% disease incidence can start reducing yield, crop quality, and return on investment¹.

Background Statement

Season-long bean protection requires more than single-site fungicides. Persistent disease pressure and canopy closure enable spores and resistance to build. A broad-spectrum oxidizer like OxiDate® 5.0 reduces inoculum and preserves single-site chemistries, keeping fungicide programs effective when pressure peaks.

Key Technical Benefits

Immediate Knockdown

Fast oxidation kills spores on contact, preventing infection

Inoculum Reduction

Reduces spore load to protect canopy health and yield potential

Performance and Resistance Management

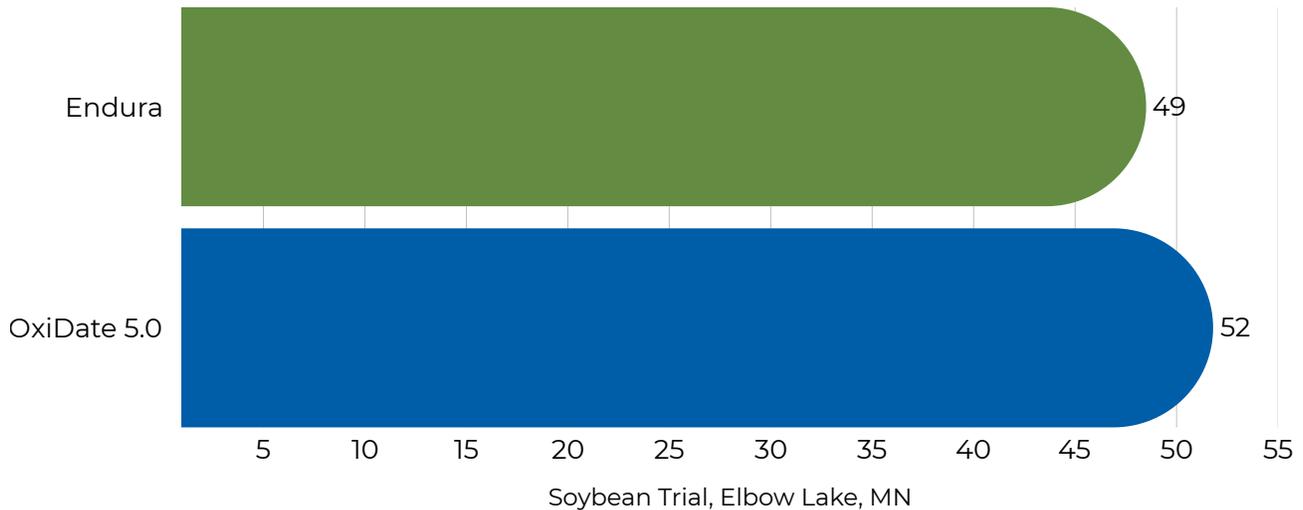
Diversifies mode of actions, protecting the longevity of key actives

¹<https://pmc.ncbi.nlm.nih.gov/articles/PMC10202088>

Berlin D. Nelson, Professor, Department of Plant Pathology, North Dakota State University, Fargo, ND. Soybean Diseases: Sclerotinia Stem Rot (White Mold)

Boost Fungicide Performance and Soybean Yield with OxiDate 5.0

Endura vs. OxiDate 5.0 Yield
Bu/Acre

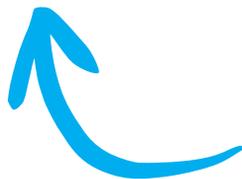


What's the ROI?

OxiDate 5.0 vs. Endura:

Revenue: +\$34.81/acre

Net Return: +\$22.61/acre



Program Fit & Use Recommendations

OxiDate 5.0 integrates seamlessly into soybean and dry bean fungicide programs, reducing canopy disease pressure and supporting single-site chemistries for lasting performance. With a low per-acre cost, it covers its own costs even under moderate pressure.

- Improves disease control and yield
- Leaf-cleansing action helps other fungicide performance
- Fits any bean program for \$6.10 per application