

Research highlights consistent, long-lasting disease control for two new BASF fungicides

DATE : 2013-08-13

BASF discussed research regarding Xzemplar fungicide and Lexicon Intrinsic brand fungicide during the America Phytopathological Society (APS) annual conference in Aug 2013. Xzemplar fungicide and Lexicon Intrinsic brand fungicide both contain the active ingredient **fluxapyroxad**, while Lexicon Intrinsic brand fungicide also contains pyraclostrobin. Environmental Protection Agency registration for the products is expected in fall 2013. Tested in trials during 2008 to 2013, the research shows that Xzemplar fungicide and Lexicon Intrinsic brand fungicide provide consistent, long-lasting protection against a broad range of turf diseases. The research indicates that the new active ingredient **fluxapyroxad** is absorbed quickly and evenly transported into turf leaves. The consistent uptake and delivery provide preventative and early curative disease control.

Trial results for Xzemplar fungicide, with the active ingredient fluxapyroxad, showed excellent control against dollar spot at all rates and timings. And when compared against BASF's Emerald fungicide, Xzemplar fungicide provided faster dollar spot control in the first 14 days of the trials. Lexicon Intrinsic brand fungicide trials demonstrated efficacious control of a variety of diseases, including brown patch, dollar spot, summer patch and fairy ring. Lexicon Intrinsic brand fungicide controls economically important diseases from all four major fungi classes: Ascomycetes, Basidiomycetes, Deuteromycetes and Oomycetes. Lexicon Intrinsic brand fungicide contains a 1:2 ratio of **fluxapyroxad** to pyraclostrobin. Both Lexicon Intrinsic and Xzemplar are expected to be available for sale in spring 2014.

SOURCE BASF