

Klappach, K. and Walker, K. 2010. Ametoctradin: A new Oomycete specific fungicide. *Phytopathology* 100:S63.

Ametoctradin is a new Oomycete specific fungicide under development by BASF Corporation. Ametoctradin belongs to a new class of chemistry the triazolo-pyrimidylamines in FRAC group 45. It is a strong inhibitor of mitochondrial respiration in complex III and has shown to be very active against zoospores and zoosporangia. It is an excellent preventative material with a high affinity for the waxy layers of the leaf surface. In research trials, it has shown excellent residual activity and rainfastness properties. Ametoctradin controls major plant pathogens from the Oomycete class of fungi, specifically downy mildews and *Phytophthora* spp. on vine, vegetable crops and ornamentals. Ametoctradin is very active against *Plasmopara viticola* in grape, *Phytophthora infestans* and a broad variety of downy mildews. The compound has a favorable toxicological and ecotoxicological profile. The active ingredient trade name for ametoctradin is Initium[®] Fungicide. EPA registration is expected in 2012.