

#083

Innovations in fungicide and insecticide seed treatments in Europe: SCENICgold and BUTEOstart

ADDRESS

Susanne Kretschmann

Bayer AG, Monheim,
Germany

Given the recent registration situation of plant protection products in Europe (loss of Thiram in the near future and the ban of neonicotinoids) farmers are left with fewer or no choice of protecting their crops.

SCENIC gold and BUTEO start – new innovations from BAYER - widen farmer's choice in controlling pests and diseases of oilseed rape to ensure a sustainable and profitable cultivation for the future.

SCENIC gold is a new fungicidal seed treatment that combines two active ingredients and two modes of action. Fluopicolide derives from the chemical group of the pyridinylmethyl-benzamides, while fluoxastrobin is a dihydro-dioxazine. SCENIC gold is the new seed treatment benchmark in controlling oilseed rape diseases that affect the early crop development. Scenic Gold controls early key diseases affecting oilseed rape like Phoma, Alternaria, downy mildew or damping-off complex. Field efficacy trials on winter and spring oilseed rape have shown improved fungicidal activity compared to current standards. SCENIC gold is crop-safe and suitable for winter and spring oilseed rape (OSR). Seed safety in mustard, turnip rape and oil radish is also confirmed, as included in biological dossier. In 2018 Czech Republic, Lithuania and Serbia granted registration making the first treatment possible for winter oilseed rape in 2019. Registration of SCENIC gold in most relevant countries of the EU is expected in 2019 and 2020.

BUTEO start is a novel insecticidal seed treatment with the active ingredient flupyradifurone. Inspired by naturally occurring alkaloids, extensive research has led to the development of flupyradifurone as a representative of the novel butenolide class of insecticides. Flupyradifurone exhibits a very promising safety profile, both for humans and the environment. BUTEO start reduces adult feeding damage of flea beetles and root damages induced by cabbage root larvae. In October 2018 BUTEO start was submitted for regulatory approval in Europe and registrations are expected in most relevant countries from 2021 onwards. Based on urgency for pest control in spring oilseed rape derogation was already granted for BUTEO start in Finland.

PLENARY TALKS

ORALS

POSTERS

WORKSHOPS