

What will you read in issue 10/2021 of the journal "Plant Protection"

Автор(и): Растителна защита
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The December issue of the journal "Plant Protection" – 2021 has been published.

In the **focus topic** of the issue we present **Corteva Agriscience™**.

The company is fully dedicated to agriculture, combining the experience and traditions in the field of plant protection of DuPont Pioneer, DuPont Crop Protection and Dow AgroSciences.

Over the years, Corteva Agriscience™ has been working intensively to establish leading positions in the breeding of new hybrids and varieties, plant protection products and digital technologies that facilitate the work of farmers.

Modern agriculture is facing many challenges. One of them is the EU "Green Deal" in the plant protection sector, which has imposed restrictive measures on all agrochemical companies with regard to widely used active substances in plant protection products. This has primarily affected the insecticide portfolios of the companies.

The global agrochemical industry has not remained indifferent; Corteva Agriscience™ has also managed to respond to the changes on the market. Leading among the company's achievements is the insecticide with an active ingredient (cyantraniliprole) from a new chemical group (anthranilic diamide). Lumiposa™ 625 FS is in the form of a flowable concentrate for seed treatment with systemic and contact action and has already been authorized for use for the treatment of oilseed rape seeds against the main pests, and a large number of companies offering oilseed rape are using it. Lumiposa is expected to receive EU-wide registration soon for the treatment of maize seeds against wireworms, cutworms and Diabrotica.

In Bulgaria, Corteva is an undisputed leader in the production and trade of sunflower and maize seeds under the Pioneer brand. The company offers on the Bulgarian market Pioneer Protector sunflower hybrids with genetic resistance to all races of broomrape identified and spread so far in the country.

In the pages of the journal you will also find further information on the Optimum AQUAmax hybrids with the patented AYT system – a technology for accelerating the yield potential of hybrids, on the entire portfolio of Corteva products offered on the Bulgarian market, as well as on the integrated solutions in the direction of prevention–diagnosis–therapy, focused entirely on agriculture and in particular on two segments: seeds and plant protection.

Stay always well informed!

Focus topic

We present Corteva Agriscience™

*** Unrivalled innovations

I. Drazhev – Corteva generates a new dynamic in Bulgarian agriculture for sustainable growth and market breakthroughs

V. Petkov – Corteva's plant protection: A powerful dose of good news

Fruit crops

D. Aleksandrova et al. – Control of postharvest diseases by means of chitosan-based edible coatings

N. Piperkova, I. Daradjanska – Fungal diseases during storage of fruit

V. Akova – Production of fruit planting material in containers

Cereals

E. Dimitrov – Dangerous diseases in common winter wheat

Plant Protection Consultant

I. Zhelyazkov – Water quality – the visibly invisible factor determining the effectiveness of herbicides

Vegetables

H. Boteva – Application of organic fertilizers and bioproducts in vegetable production

Vine

M. Nakova, B. Nakov – Esca – a complex syndrome

Quarantine

B. Katinova – Attention: New pests of ornamental and fruit crops threaten Europe

School for specialists

A. Kharizanov, A. Kharizanova – Fungal and nematode diseases in insects

Traffic light

Plant protection practices during the dormancy period of fruit crops

Interview

T. Tonev – Academy “Agricultural Education and Science” – a bridge between agricultural production, science and business

IN Memoriam

Prof. DSc Boris Nakov has passed away