

# What you will read in issue 5/2021 of the magazine "Plant Protection"

Author(s): Растителна защита  
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The fifth issue of the journal "Plant Protection" for 2021 has been published.

Always stay well informed!

## Theme of the issue

We present the Center of Plant Systems Biology and Biotechnology (CPSBB), which is a new research organization in Plovdiv for cutting-edge research in the field of plant biology. CPSBB combines classical

*physiological and genetic approaches with modern technologies for genomic and bioinformatic analysis in order to understand how plants respond as integral, complex systems.*

A new Bulgarian Center of Excellence in the field of plant systems biology and biotechnology has been launched

Bioinformatics and mathematical modelling

Molecular stress physiology

Plant cell biotechnology

Plant metabolomics

Breeding of vegetable crops

## Plant protection consultant

Lovage – spice and medicinal plant

## School for specialists

Microorganisms and plant health

## Traffic light

Pest control in June in:

- tomato and pepper
- cucumber
- onion
- cabbage
- potato
- pome fruit species
- stone fruit species
- vine

## Do you know the weeds

Wild oat (*Avena fatura* L.)

Black-grass (*Alopecurus myosuroides* Huds.)

Cocklebur (common cocklebur) – *Xanthum stumarium* L.

Loose silky-bent (*Apera spica venti* L.)

*In this issue, the journal "Plant Protection" is also publishing a supplementary booklet dedicated to the anniversary of the Dobrudzha Agricultural Institute – 70 years with a view to the future*

K. Delcheva - Dobrudzha Agricultural Institute - 70 years with a view to the future

K. Delcheva - Todor Rachinski - the wizard breeder

G. Mihova, S. Doneva, D. Nikolova - The path of bread - from the field to the table

G. Mihova - Variety composition of winter common wheat with high productivity and stress tolerance

H. Stoyanov, S. Doneva - Triticale - an innovative crop and attractive varieties

I. Kiryakov - Integrated management of diseases in common wheat, barley and triticale

Y. Stanoeva - Resistant wheat varieties - a guarantee for effective control of powdery mildew

Y. Stanoeva - Rust diseases in wheat - highly harmful diseases

I. Kiryakov, D. Genchev - Breeding and improvement work in grain legumes - more than half a century of tradition

G. Georgiev - Sunflower breeding - a creative project with great potential and enormous drive