

HERBICIDI V KORUZI IN PŠENICI

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IZVLEČEK

Proti koncu tega stoletja naj bi svetovno prebivalstvo doseglo 6,2 milijarde, napovedi pa so, da bo to prebivalstvo l. 2025 štel 8,5 milijarde ljudi. Potrebe po virih in živežu bodo neprestano naraščale, kar naj bi omogočili z večanjem kmetijskih zemljišč in z večjimi hektarskimi pridelki.

Naraščajoči pridelki živeža pa so odvisni od neprestane uporabe znanstvenih in tehničnih dosežkov ter ukrepov kot so izpopolnjeni stroji, namakanje, seme, gnojila in fitofarmaceutska sredstva, tako kemična kot biotična, ki postajajo čedalje pomembnejši. Zatiranje plevelov je poleg zatiranja bolezni pomemben ukrep za zagotovitev in izboljšavo pridelkov žit.

Da bi dosegli zadovoljive pridelke koruze, kjer okužbe z glivami niso pogoste, je potrebno zaradi konkurence ohraniti populacijo plevelov karseda majhno, kar velja tako za travnate kot za širokolistne plevela.

V tem referatu je dan pregled o najpogostejših širokolistnih in travnatih plevelih, ki se pojavljajo v strnih žitih in koruzi v Evropi in najpomembnejši herbicidni pripravki za njihovo zatiranje. Poudarek je seveda na pripravkih firme BASF, ki ustrezajo za zatiranje plevelov v žitih in koruzi, kot npr. kombinacije basagrana, laddok in motivel. Razgrnjen bo tudi bolj globalni pogled glede razvoja novih učinkovin za herbicide v strnih žitih in koruzi.

Integralna verzija referata ni bila predložena.

ABSTRACT

WEED CONTROL IN CEREALS AND MAIZE

The world population is expected to reach 6,2 billion by the end of this century and forecasts are, that there will be a population of 8,5 billion people in year 2025. Growing demands on resources and food production will continue and

have to be met by increasing the amount of land and producing more per hectare.

Increased food production relies on steady exchange of scientific and technological advances and measures like machinery, irrigation, seeds, fertilizers and crop protection products, both chemical and biological will continue to play an important part. The control of weeds, besides the control of fungi, is an important measurement to secure and improve yields in cereals.

In order to obtain satisfactory yields in maize, where attacks by fungi are not as frequent, it is of importance to keep the competition by weeds as low as possible, which applies for broad-leaved weeds as well as for grassweeds.

In the paper presented, an overview will be given on the most frequent occurring weeds and grasses in cereals and maize in Europe and the most important products used for their control. Emphasis will be made on BASF products recommended for weed control in cereals and maize, such as Basagran - combinations, Laddok and Motivell. A more global overview will be given with regard to the development of new active ingredients with herbicidal activity for cereals and maize.

Integral version of the paper was not received.