

## Content

Kryszak, M. Chudy, W. Konczewicz, B. Romanowska, G. Oleszak - The fiber content in fibrous hemp depending on selected agrotechnical factors .....	3
Elżbieta Małuszyńska, Piotr Stefański, Przemysław Matysiak, Zygmunt Nita, Krystyna Rybka - Does illumination of non-mature cereal kernels during drying affect the germination ability? .....	13
Ewelina Żmijewska, Anna Linkiewicz, Magdalena Żurawska-Zajfert, Katarzyna Grelewska-Nowotko, Sławomir Sowa, Janusz Zimny - Characteristics of cry1ab protein from bioinsecticides and insect resistant gm crops .....	25
Seyyed Mohammad Ali Kargar, Saba Jahan Kereh - The evaluation of seed germination on 12 soybean cultivars under different salinity stress levels .....	39
Agnieszka Faligowska, Grażyna Szymańska, Katarzyna Panasiewicz - The loss of vigour and sowing value of yellow lupin seeds ( <i>Lupinus luteus</i> L.) as a result of mechanical harvesting .....	53
Dariusz R. Mańkowski, Janusz Kozdój, Monika Janaszek-Mańkowska - Structural equation model as a tool to assess the relationship between grain yield per plant and yield components in doubled haploid spring barley lines ( <i>Hordeum vulgare</i> L.) .....	63
Batool Mahdavi - Germination and biochemical responses to alkalinity stress in two sesame cultivars .....	79
Naser Sabaghnia, Mohsen Janmohammadi - Biplot analysis of silicon dioxide on early growth of sunflower .....	87
Fardin Khazaei, Majid AghaAlikhani, Samad Mobasser, Ali Mokhtassi-Bidgoli, Hesam Asharin, Hossein Sadeghi - Evaluation of wheat ( <i>Triticum aestivum</i> , L.) seed quality of certified seed and farm- saved seed in three provinces of Iran .....	99