

PRESENTATION OF POSTERS IN THEMATIC SECTIONS

V - Vegetable Crops, Seed Production, Herb Production

- V 1 Balant Sebastian, Najda Agnieszka, Sachadyn-Król Monika, Justyna Bekier
The variability of the stevia (*Stevia rebaudiana* Bertoni) chemical composition depending on the way of multiplication
- V 2 Balbierz Agnieszka, Kołota Eugeniusz
Nutritional value of scallop squash (*Cucurbita pepo* L. var. *patissonina* Greb. f. *radiata* Nois.) fruits affected by the cold storage
- V 3 Borowy Andrzej
Impact of mycorrhization on growth and yield of stake tomato (*Lycopersicon esculentum* Mill.) under field cultivation
- V 4 Chohura Piotr, Kołota Eugeniusz
Butterhead lettuce response to chloride fertilization
- V 5 Chwil Mirosława
Micromorphology and histochemistry of trichomes of *Melissa officinalis* L.
- V 6 Chwil Mirosława, Jarmila Neugebauerova
Micromorphology of the floral elements of *Salvia lavandulifolia* Vahl
- V 7 Dyduch Jan, Najda Agnieszka
Morphological and chemical diversity of hardneck Garlic grown in Eastern Poland
- V 8 Dyśko Jacek, Kaniszewski Stanisław
The lignite as a growing medium in soilless cultivation of tomato
- V 9 Dzida Katarzyna, Zenia Michałojć, Jarosz Zbigniew, Pitura Karolina, Skubij Natalia
Effect of nitrogen fertilization on the content of microelements in the savory herb
- V 10 Georgieva Katya, Mihaliova Gergana, Balacheva Elena, Rodeva Rossitza
Effect of grafting on photosynthetic activity during dehydration and rehydration of tomato plants
- V 11 Kołota Eugeniusz, Balbierz Agnieszka
Yield potential and mineral fruit composition of scallop squash (*Cucurbita pepo* L. var. *patissonina* Greb. f. *radiata* Nois.) cultivars grown for processing
- V 12 Komosa Andrzej, Łukaszewicz Sabina
Yield of greenhouse tomato (*Lycopersicon esculentum* Mill.) grown in rockwool and aeroponic culture
- V 13 Konopiński Mirosław, Błażewicz -Woźniak Marzena, Patkowska Elżbieta, Dariusz Wach
Response of scorzonera (*Scorzonera hispanica* L.) to foliar application of liquid fertilizers Insol U and Insol W
- V 14 Kowalska Iwona, Konieczny Anna, Smoleń Sylwester
Effect of biostimulant and form of iron on yield and quality of tomato grown on rockwool
- V 15 Krochmal-Marczak Barbara, Sawicka Barbara, Kiełtyka-Dadasiewicz Anna
Nutritional value of sweet potato grown under protections
- V 16 Kulaitiene Jurgita, Cerniauskiene Judita, Jukneviciene Zivile
Antioxidant Activity and Other Quality Parameters of Oil Pumpkin Seeds
- V 17 Kuna Jan, Baltyn Monika
How foliar fertilization differentiate lamina parameter of bears garlic *Allium ursinum* L.

- V 18 Łabuda Helena, Najda Agnieszka
Infestation by bean weevil (*Acanthoscelides obtectus* Say) and the content of selected secondary metabolites in the *Phaseolus* sp. seeds
- V 19 Majkowska-Gadomska Joanna, Francke Anna, Dobrowolski Artur
The effect of plant protection methods on selected morphological features and the yield of carrot storage roots (*Daucus carota* L.)
- V 20 Majkowska Gadomska Joanna, Mikulewicz Emilia
The yield of tomato (*Lycopersicon Esculentum Mill.*) grown in an unheated plastic tunnel
- V 21 Michałek Władysław
Changes in nitrogen balance at radish treated with benzylaminopurine
- V 22 Najda Agnieszka
Varietal variability as a determinant of the biologically active substances content in the valerian raw material
- V 23 Nenova Mitova I.L., Shaban N, Hadgiev S
Growth characteristics of Spinach (*Spinaceae oleraceae*) depending on growing conditions.
- V 24 Nowaczyk Lubosława, Nowaczyk Paweł, Olszewska Dorota, Niklas-Nowak Aleksandra
Capsaicinoid profile of soft-flesh *Capsicum* spp. genotypes according to the puree production method
- V 25 Nowak Jacek S., Kowalczyk Waldemar, Hołownicki Ryszard, Konopacki Paweł
The impact of the application of heat accumulators on growth, yield and quality of tomatoes (cv. Tamaris F₁) grown in unheated plastic tunnels
- V 26 Osińska Ewa, Rosłon Wiesława, Gontar Łukasz, Geszprych Anna
The influence of the extraction conditions on the quality of extracts of common plantain (*Plantago major* L.)
- V 27 Rosłon Wiesława, Osińska Ewa, Orliński Paweł, Geszprych Anna
The influence of the extraction conditions on the quality of extracts of psyllium (*Plantago psyllium* L.) herb
- V 28 Sałata Andrzej, Buczkowska Halina, Galarza Salvador, Moreno- Ramon Hector
Cardoon leaves used for herbal drug production: depending on the age of plants
- V 29 Seidler-Łożykowska Katarzyna
Comparison of yield and quality of medicinal plant seeds from organic and conventional cultivation
- V 30 Shaban Nidal, Kadhum Eman, Todorka Mokreva
Correlation and path-coefficient analyses of the interaction between yield quality, yield component, plant fresh weight and applied agro techniques in peas
- V 31 Skubij Natalia, Skubij Daniel, Dzida Katarzyna
Steviol glycosides as a natural sweetener substance
- V 32 Wadas Wanda
Effect of sowing date and plant spacing on the yield of fennel (*Foeniculum vulgare* Mill.) in central-eastern Poland conditions

F – Fruit and Nursery

- F 1 Domagała-Świątkiewicz Iwona, Gaśtoł M., Bijak M.
Mineral nutrient status of traditional and modern apple cultivars as affected by AMF inoculation
- F 2 Kapłan Magdalena

- F 3 Effect of rootstock on size and quality of yield of grapevine Regent cultivar in south-eastern Poland
Konarska Agata, Wach Dariusz
- F 4 Structure of highbush blueberry (*Vaccinium corymbosum* L.) fruits with particular emphasis on the quality characteristics
Kowalik Piotr, Chwil Mirosława, Michałojć Zenia
- F 5 Anatomical changes in *Malus domestica* ‘Szampion’ fruits depending on varied Ca foliar nutrition
Krupa Tomasz, Buraczyńska Agnieszka, Sapała Aleksandra
- F 6 The effect of 1-MCP, fruit maturity and storage technology on the quality and storability of highbush blueberry fruit
Lipa Tomasz, Szot Iwona
- F 7 The effect of different method of pruning on tree growth and fruit quality of two apple cultivar
Mikiciuk Grzegorz, Mikiciuk Małgorzata, Moźdżer Ewa, Telesiński Arkadiusz, Statkiewicz Małgorzata, Nabil Abu Baker
- F 8 Using Greenstim treatment in cultivation of sweet cherries
Pawlak Joanna
- F 9 Prospects and obstacles to the sale of organic fruits and vegetables in the opinion of retailers
Sawicka Barbara, Bartacki M., Tatal Saeed Hameed, Skiba D., Ali Hulail Noaema
- F 10 Influence of mineral fertilization on quality and commodity evaluation of nursery material of common hazel (*Coryllus avellana* L.)
Syp Alina, Borzęcka-Walker Magdalena, Pudełko Rafał
- F 11 An assessment of technical potential of pruning of permanent crops
Szpadzik Ewa, Jadcuzk-Tobjasz Ewa, Łotocka Barbara
- F 12 Flowering and yielding of Hungarian sour cherry (*Prunus cerasus*) cultivars
Wach Dariusz, Gawroński Jacek, Dyduch-Siemińska Magdalena, Kaczmarśka Elżbieta, Błażewicz-Woźniak Marzena
- F 13 Phenotypic and genotypic variability of cultivars of highbush blueberry (*Vaccinium corymbosum* L.) grown in the Lublin region
Żebrowska Jadwiga, Gawroński Jacek, Kaczmarśka Elżbieta, Dyduch-Siemińska Magdalena, Jackowska Izabella, Pabich Marzena
- F 13 Nutraceutical fruit value of the strawberry cultivars selected at the University of Life Science in Lublin

O - Ornamental Plants and Landscape Architecture

- O 1 Domagała-Świątkiewicz Iwona, Lis-Krzyścin Agnieszka, Krawczyk Anna
Influence of silica waste to physical and chemical properties of peat substrate in pot experiment with *Tagetes patula* L.
- O 2 Durlak Wojciech, Konopińska-Mamej Aleksandra
Measurement of sap flow in ornamental shrubs
- O 3 Gamrat Renata, Szpinda Magdalena, Gałczyńska Małgorzata, Misztal Patryk, Sotek Zofia, Stasińska Małgorzata
Horticultural therapy in Szczecin
- O 4 Gruszecki Robert
Ornamental plants used during Easter holidays in Lublin region
- O 5 Grzeszczuk Monika, Kulpa Danuta, Wesołowska Aneta, Wałejko Anna

- O 6 Comparison of biological value of *Chrysanthemum coronarium* L. and *Matricaria recutita* L. plants propagated generatively and derived from *in vitro* cultures
Kamka Justyna
- O 7 Country masurian garden
Kot Natalia
- O 8 Bronowice greenery in Lublin – the tradition of the place in the context of contemporary transformations
Krawczyk Anna, Lis-Krzyścin Agnieszka, Domagała-Świątkiewicz Iwona
- O 9 Effect of green roof substrate composition on growth and development of *Sedum acre* L. and *Hieracium pilosella* L.
Kubus Marcin
- O 10 The concept of revitalisation of green areas in the town of Goleniów – the 'Open Gates' project
Lis-Krzyścin Agnieszka, Domagała Świątkiewicz Iwona, Krawczyk Anna
- O 11 Effect of silica waste on the growth, flowering and mineral status of *Tagetes patula* L. in pot experiment
Marcinek Barbara, Hetman Jerzy, Laskowska Halina
- O 12 The effect of mulching on flowering and yielding of 'Foxtrot' tulip bulbs
Michałek Sławomir, Wach Dariusz
- O 13 The reaction of some azalea cultivars to foliar application of 5-aminolevulinic acid
Michałojć Zenia, Jarosz Zbigniew, Dzida Katarzyna, Pitura Karolina
- O 14 The influence of differential doses of cadmium on growth and chemical composition of Bells-of-Ireland (*Molucella laevis* L.)
Milecka Małgorzata
- O 15 The new problems of historic garden conservation in Poland
Monder Marta, Pacholczak Andrzej, Woliński Konrad, Niedzielski Maciej
- O 16 The response of stem cuttings of *Rosa ×centifolia* 'Mousseusse Rouge' on plant origin preparations
Nawrocka-Grześkowiak Urszula, Nowak Grzegorz, Rosochacki Tomasz
- O 17 Impact of the sub-soil on the germination of the Serbian spruce seeds [*Picea omorika* (Pančić) Purkyne]
Nawrocka-Grześkowiak Urszula, Nowak Grzegorz, Nowakowska Małgorzata, Kłosowski Krzysztof
- O 18 Old apple tree species in manor parks in Western Pomerania, presented on the example of the Trzebianów Park
Nawrocka-Grześkowiak Urszula, Czerwińska Joanna
- O 19 *Magnolia* species and cultivars in green areas of the cities on the example of Szczecin
Nowak Grzegorz, Kubus Marcin, Nowakowska Małgorzata
- O 20 Early and late flourishing trees and bushes worth popularisation, growing in the Dendrological Garden in Glinna (NW Poland)
Parzymies Marzena, Pogroszewska Elżbieta, Świstowska Alicja, Lipiec Łukasz
- O 21 Germination of bird of paradise (*Strelitzia reginae* Banks) seeds *in vitro*
Pazur Alicja
- O 22 Gardening as a dominant physical activity of people in retirement age living in Wieniawa district in Lublin
Pogroszewska Elżbieta, Konopińska -Mamej Aleksandra, Laskowska Halina, Szot Paweł, Rubinowska Katarzyna
- O 23 Influence of 5-aminolevulenic acid and silicon on gas exchange of *Hosta* cultivated for cut greenery under different conditions
Pudelska Krystyna, Podgaja Ewelina

- O 24 Influence of BioAlggen on quality seeding *Rosa multiflora* Thunb.
Pudelska Krystyna, Iwanek Marcin
- O 25 Modernist garden surrounding Ernst Neufert's house in Darmsztadt
Rysiak Krystyna, Hetman Jerzy
- O 26 Attractiveness of selected groundcover plants
Sobol Krzysztof, Pawłowska Bożena, Szewczyk Taranek Bożena, Batko Monika
- O 27 A survey on the nursery production structure of aquatic plants in Poland
Szajny Janina, Antoniewska Ewa
- O 28 The garden in the Montessori Kindergarten in Jarosław – *Educational nature path.*
The educational activity of the Bolestraszyce Arboretum
- O 29 Szmagara Mariusz, Hetman Jerzy, Pudelska Krystyna, Marcinek Barbara
The effects of bending of roses cv. ‘Red House’ stems on quality and crop yield
- O 30 Szot Paweł, Pogroszewska Elżbieta, Stasiak D, Laskowska Halina, Konopińska
Mamej Aleksandra, Rubinowska Katarzyna
A successive influence of the 5-aminolevulinic acid on the leaf colour parameters of chosen garden perennials cultivated for cut greenery
- O 31 Titok Vladimir, Garanovich Igor , Reshetnikov Vladimir
Peculiarities of landscape and decorative design of the Central botanical garden of the NAS of Belarus
- O 31 Widelska Ewelina
Silhouettes of monasteries as a part of the city identification
- O 32 Włodarczyk Zofia, Pawłowska Bożena, Mazur Justyna
Assessment of decorative values of chosen Austin Roses cultivars in Polish climatic conditions
- O 33 Włodarczyk Zofia, Mazur Justyna
Occurrence of roses in green areas in selected Małopolska regions
- O 34 Wojtania Agnieszka, Gabryszewska Eleonora
The effect of gibberellic acid on the axillary shoot formation of *Magnolia × soulangiana* 'Burgundy' and *Magnolia × Spectrum* *in vitro*
- O 35 Wróbel Jacek, Mietluk Martyna, Telesiński Arkadiusz
Comparison of chosen types of the Venus flytrap - *Dionaea muscipula* in terms of some of their physiological and morphological characteristics

B - Biology, biotechnology, plant protection

- B 1 Antoń Sebastian, Denisow Bożena
Flowering, nectar production and nectar composition in *Oenothera paradoxa* Hudziok (Onagraceae)
- B 2 Bożek Małgorzata, Denisow Bożena
Nectar production in six cultivars of *Vaccinium corymbosum* L.
- B 3 Chernetskyy Mykhaylo, Weryszko-Chmielewska Elżbieta
Succulence and strength of leaves in the genus *Kalanchoë* (Crassulaceae)
- B 4 Chwil Mirosława, Weryszko-Chmielewska Elżbieta, Dagmara Sadowska
Flowering ecology and reproduction system in *Galanthus nivalis* L.
- B 5 Chwil Mirosława, Mikołaj Kostryco
Floral nectary structure of *Rubus idaeus* ‘Polka’
- B 6 Czernyszewicz Eugenia
Long-term trends in production and consumption of apples in Poland, Europe and worldwide
- B 7 Czerwińska Joanna, Nawrocka-Grześkowiak Urszula

- B 8 Study of genetic and phenotypic diversity of the chosen *Magnolia* sp.
 Denisow Bożena, Strzałkowska-Abramek Monika, Bożek Małgorzata
 Pollination requirements of *Prunus divaricata* Ledeb. and *Prunus spinosa* L.
- B 9 Dmitruk Marta, Haratym Weronika
 Flower morphology and nectar secretion of *Diervilla lonicera* and *D. sessilifolia*
 (Diervillaceae)
- B 10 Jamiołkowska Agnieszka, Halina Buczkowska, Ali Hamood Thanon
 Biodiversity of fungi colonizing different parts of pumpkin (*Cucurbita pepo* L.)
- B 11 Jeżak Anna, Denisow Bożena
 Pollen production in the flowers of several species of deciduous forest (*Tilio-Carpinetum* Tracz.)
- B 12 Jukneviciene Edita, Vaitkeviciene Nijole, Danilcenko Honorata, Jariene Elvyra
 The effect of biodynamic preparations on antioxidants content in coloured potatoes
 and great pumpkins
- B 13 Karczmarz Katarzyna, Dzida Katarzyna
 Entomofauna of common walnut and its chemical composition
- B 14 Kiecana Irena, Cegiełko Małgorzata, Pastucha Alina, Mielniczuk Elżbieta
 Fungi occurred on seed material of ornamental grasses and the pathogenicity of
Microdochium nivale (Fries.) Samuels et Hallet to selected species
- B 15 Kmiec Katarzyna, Pogorzelec Magdalena
 Colonization of protected plants by pests from agroecosystems (*Salix lapponum* L.
 as an example)
- B 16 Kopacki Marek, Rysiak Krystyna
 Fungi infected *Cleome* in flower beds
- B 17 Kopiński Łukasz
 Evaluation of the implementation of quality management principles in the selected
 organization of fruit producers
- B 18 Kozak Danuta, Parzymies Marzena, Marcinek Barbara
 The influence of type and orientation of explants on regenerative capability of
Aeschynanthus hybridus ‘Carina’ *in vitro*
- B 19 Lisek Anna, Głowińska Agnieszka, Kucharska Danuta, Rozpara Elżbieta
 Identification of S-genotypes of sweet and sour cherry cultivars from Central and
 Eastern Europe
- B 20 Magierewicz Klaudia, Górska -Drabik Edyta
 The role of selected primary and secondary metabolites in the interaction between
 host plants and *Acrobasis advenella* caterpillars
- B 21 Malec Maciej, Katarzyna Golan
 Spruce-bud scales (Hemiptera, Coccoidea, genus *Physokermes*) in Europe
- B 22 Malinowska Katarzyna, Wróbel Jacek
 The influence of manganese nutrition on the physiological activity of the common
 osier (*Salix viminalis* L.)
- B 23 Matraszek Renata, Hawrylak Nowak Barbara
 Hemozym as a component of cadmium contaminated soil in the cultivation of
 flosfflower (*Ageratum houstonianum* Mill.)
- B 24 Patkowska Elżbieta
 A possibility of using biological preparations to protect sweet pea (*Lathyrus
 odoratus* L.) from pathogens
- B 25 Piotrowska-Weryszko Krystyna, Weryszko-Chmielewska Elżbieta
 Spatial differentiation of airborne pollen in Lublin (Poland)
- B 26 Rubinowska Katarzyna

- The effect of selected pharmaceuticals on lipid peroxidation and antioxidative enzymes activity in *Triticum L.* seedlings
B 27 Sas-Paszt Lidia, Trzciński Paweł, Lisek Anna, Sumorok Beata, Derkowska Edyta, Głuszek Sławomir, Malusa Eligio
- SYMBIO BANK - the collection of beneficial soil microorganisms
B 28 Sempruch C., Golan K., Górska-Drabik E., Kot I., Kmiec K., Łagowska B., Czeniewicz P., Leszczyńska B., Malec M., Magierewicz K., Janiuk M., Samociuk J. Changes in activity of L-phenylalanine ammonialyase and L-tyrosine ammonialyase in orchid leaves infested by *Pseudococcus maritimus* (Ehrhorn) (Hemiptera; Sternorrhyncha; Pseudococcidae)
- Tymoszuk Karolina, Jachuła Jacek, Poleszak Paula, Korczyńska Justyna, Denisow Bożena
Aspects of flowering ecology in *Pulmonaria obscura* L. (Boraginaceae)
B 30 Tymoszuk Karolina, Milaniuk Karol, Denisow Bożena
- Blooming biology of *Helianthus tuberosus* L. (Asteraceae)
B 31 Wagner Anna, Hetman Beata
- Effect of biopreparations on the content of important chemical compounds in the organs of strawberry (*Fragaria ananassa* Duch.)
B 32 Weryszko-Chmielewska Elżbieta, Sulborska Aneta, Konarska Agata, Dmitruk Marta
- Glandular trichomes on white dead nettle (*Lamium album* L.) flowers: micromorphology, anatomy, and histochemistry
B 33 Weryszko-Chmielewska Elżbieta, Dmitruk Marta
- Micromorphology of the floral nectary and nectar yield in *Dracocephalum moldavica*
B 34 Zimowska Beata, Machowicz-Stefaniak Zofia, Zalewska Ewa, Król Ewa
- Colletotrichum* spp. as causal agents of herb diseases