
Table of Contents

Cantor Maria, Buta Erszebet, Horț Denisa - Dahlia semicaetus – from tuber to flower	1
Cantor Maria, Buta Erszebet, Horț Denisa - Medinilla: an exotic and attractive indoor plant with great value	9
Dan Daniela, Măniutiu D., Bărbuț Iulia, Gocan Tincuta - The influence of some technological factors on the production of onions	13
Delian Elena - Brief Approach of Plant-Insect Herbivores Physiological Interactions	17
Gaspar S., Schmidt Brigitta, Sumălan R., Moisuc A. - The effect of ash from Timisoara South Thermal Power Station (CET Timisoara South) on the heavy metal content of Lolium perenne L.	32
Wani N. R. and Mughal A. H. - Studies on Vegetation Analysis of The Afforested Bank of Manasbal Lake, Kashmir-India	35
Radomir Ana-Maria - Comparative study on the in vitro multiplication potential of Magnolia stellata and Magnolia x soulangiana species	39
Poșta Gh., Berar V., Balint M. - Research concerning the behaviour of some eggplant genotypes in field conditions at the Didactic and Research Station in Timisoara (Romania)	45
Ghiță Alina Georgeta, Dobrei A., Mălăescu Mihaela - Research concerning the application of some technological white wine conditioning measures meant to stabilise it	49
Ghiță Alina Georgeta, Dobrei A., Mălăescu Mihaela - Research concerning the evolution of grape maturation and polyphenols content in two red wine grape cultivars in the conditions of Timisoara (Romania)	53
Guță Ionela Cătălina, Buciumeanu Elena-Cocuța - Validation of DAS-ELISA results for the detection of grapevine fleck virus	57
Hoza D., N. Plisiotis, Ion Ligia - Research regarding the plant management system with different crown shapes for pomegranate trees in Thesalia region, Greece	62
Iercan C., Nedelea G. - Experimental results concerning the effect of culture medium pH on growth rate of cell biomass using callus culture	66
Iercan C., Nedelea G. - Experimental results concerning the effect of culture medium pH on the synthesized anthocyanin amount in the callus culture of Vitis vinifera L.	71
Iordănescu Olimpia Alina, Blidariu Aurelia, Băluț ă Daniela - Study of some Agricultural Technologies Impact upon some Apple Varieties' Productions in Conditions of Timisoara	74

Lazăr-Bâra A. P. - Miorița, quest for landscape	78
Iovan I.C., Sabău N.C. - Correlations between some small hydrographic basins of the Rivers' tributaries, from the forestry fund	84
Hoza Gheorghita - Research regarding the exploitation of the ornamental potential of some lettuce varieties, by forming edible ornamental carpets	90
Bagiu Adelina Nicoleta, Nedelea G. - Research concerning drought tolerance in some tomato seedling genotypes	96
Bagiu Adelina Nicoleta, Nedelea G. - On the response of some determined-growth tomato genotypes cultivated in the Banat plain conditions	103
Despina -Maria Bordean - Chromium levels in soils and vegetables from Timis County Romania	106
Buta Erzsebet, Cantor Maria, Buta M., Horț Denisa - Development of marguerite daisy's (<i>Argyranthemum</i> sp.) cuttings in different rooting substrates	112
Buta Erzsebet, Cantor Maria, Horț Denisa, Buta M. - The influence of different types of substrates on rooting of Fuchsia cuttings	116
Iancu D., Ionescu I., Iancu S., Osiceanu M. - Research on the influence of perennial leguminous on the production of temporary grassland	123
Măruțescu A. - A brief survey regarding fate of Bt proteins synthesized by transgenic maize in soil	126
Merce O., Turcu D., Cantar I. - The structure of a natural mixed beech – sessile oak forest in Runcu Grosi Natural Reserve	131
Merce O. - Natura 2000 and the forests in Romania – management principles, problems and threats	139
Motica R., Baci Anca , Mike Luiza - Partial results concerning the virotic degeneration of potato in the microzones for seed potato production	145
Nicolae I., Camen D. - Effects of treatment with fungicides on the physiological processes in <i>Vitis vinifera</i> L. attacked by <i>Plasmopara viticola</i> (berk. & curt.) Berl. & de Toni	149
Nicolae I., Camen D. - Research regarding the physiological intensity of processes in <i>Iris variegata</i> L. attacked by <i>Heterosporium iridis</i> (fautrey & roum.) J.E. Jacques	155
Negrea Monica, Lazureanu A., Radulov Isidora, Patrascoiu Mihaela, Cocan Ileana - Nutritional quality of <i>Daucus carota</i> in different stages of morphogenesis	162
Iancu Paula, Soare, M. - Effects of the treatments with x rays to <i>Arachis hypogaea</i> L. in m2 generation in the conditions from Tamburesti Research Station	166
Iancu Paula - Is Tamburesti an groundnut radiosensible variety?	170
Olaru Daniela, Drăgunescu Anca, Iordănescu Olimpia, Cârciu Gh., Ștefan Carolina, Danci M., Moatăr Mihaela, Chisăliță I. - Researches concerning buds' viability of some wine varieties	173
Peticila A.G., Madjar Roxana - The Influence of Nutrient Solution Fertilization on Some Cultivars of <i>Actinidia deliciosa</i> (Kiwifruit) in the Container Culture	178

Popa D., Tonea Cornelia, Ilea R., Drăgoi Gh., Becherescu Alexandra - Comparative study on the influence of tillage on energy consumption of maize culture in conditions D.S.Timisoara	185
Beatrice Iuliana Sarkadi (Măguran) - The Impact of Manual Thinning upon Fruits' Chemical Features of some Peach and Nectarine Varieties Cultivated in Periam, Timis County	190
Beatrice Iuliana Sarkadi (Măguran) - Preliminary Results Concerning the Chemical Features of some Thinned Varieties of Peaches and Nectarines Cultivated in the Western Region of Romania	193
Lăpădătescu Simona, Petolescu Cerasela, Lazăr A., Bălă Maria - Influence of growth regulators on morphogenetic processes under in vitro condition	197
Lăpădătescu Simona, Petolescu Cerasela, Velicevici Giancarla, Băla Maria - In vitro culture initiation and phytohormonal influence on ornamental plants	203
Soare Rodica, Soare M., Rosculete Elena - Researches concerning the introduction of some new leek genotypes for ecological crop	206
Șerban D., Nedelea G. - Research concerning the comparative analysis of the impact of different morphological features on yield in an assortment of broccoli	210
Iancu S., Ciobanu A., Iancu D., Bonea Dorina - Research on the effectiveness of Acetogan, Guardian and the Dual Gold herbicides at maize grainz from S.C.D.A. Simnic– Dolj	214
Nica D., Bordean Despina-Maria, Gergen I., Bura M., Vintila T. - Comparative assessment of trace metal accumulation in celery and nettle leaves	217
Vlad I., Vlad Mariana, Vlad Ioana - The substratum influence on cutting's rooting of Ficus benjamina	221
Vlad Mariana, Vlad I., Vlad Ioana - The CO ₂ influence on the growth of Aucuba japonica plants	224
Roșu D. C. , Ciolac Valeria Colțan O. N. - Some aspects on the difficulties to registration land agricultural in land book in zone Banat	228
Roșu D. C. , Ciolac Valeria Colțan O. N. - Some aspects of cadastral documentation necessary registration agricultural land in land book	231
Silivășan M., Berar C., Bala Maria - Researches Regarding the Landscaping of a Former Industrial Area, Using the Vertical Gardens' Technique	234
Silivășan M., Berar C., Tota Cristina - Research on Planning Landscape of the restaurant Miraj	239
Solomonesc A., Chisăliță I., Moatăr Maria Mihaela, Ștefan Carolina, Fora G.C. - Issues of forest management in Reșița County	243
Solomonesc A., Chisăliță I., Moatăr Maria Mihaela, Ștefan Carolina, Fora G.C. - Dynamics care cuts and state achievements in Caraș-Severin Forestry Department	247
Ștefan Carolina, Chisăliță I., Mihaela Moatăr, Solomonesc A., Oлару Daniela, Fora C.G. - Research on soil work, planting material, methods plant and planting at the potato culture	251

Ștefan Carolina, Chisăliță I., Mihaela Moatăr, Solomonesc A., Fora G.C., Olaru Daniela - Research on maintaining potato crops, disease control, pest control and potato irrigation	255
Chivulescu Maria - Spatial differentiations of the physico-geographical layer in Boțești village in the Căndești Piedmont	258
Ciolac Valeria, Roșu D. C. , Nistor Eleonora, Băbucă N.I., Colțan O. N. - Some aspects of support network in the city Gelu, Timis County	265
Ciolac Valeria, Roșu D. C. , Nistor Eleonora, Băbucă N.I., Colțan O. N. - Aspects regarding the modern methods performances in surveying for road rehabilitation	269
Panduru-Balint Alina, Carciu G., Olaru Daniela, Patrascoiu Mihaela - Underground water contamination with nitrites, nitrates and ammonium – short review	273
Berbentea F., Georgescu L., Rinovetz A., Bujanca G., Micula Lia, Danci M., David I., Danci Oana - Determination of fat and protein content in Italian sausage commercialized in Timisoara	276
Barbir C. F. - Forest's role in the sustainable development of rural communities, with reference to particular situations in the area administrated by Podu Iloaiei Forest District, Iasi County, Romania	279