

TABLE OF CONTENTS

VEGETABLE GROWING

Code	Title	Authors	Page number
VG 01	Research on quality of carrot cultivars grown in Dobrogea	I. Anagnoste Gh. Campeanu P. Samata Gabriela Ncata	015-018
VG 02	Study of the productive and qualitative potential behavior of some eggplant hybrids cultivated in field in different technology conditions	Alexandra Becherescu A. Horgoş D. Popa	019-027
VG 03	The impact of establishment method and flower binding stimulation method upon the productive and qualitative potential of melons' culture in protected and unprotected field	Alexandra Becherescu A. Horgoş D. Popa	028-036
VG 04	Study of <i>Thrips tabaci</i> Lind. attack in the seedling stage of vegetables	Maria Calin Tina Oana Cristea Silvica Ambarus Creola Brezeanu, P.M. Brezeanu D.I. Avasiloiiei Diana Barbu Iuliana Barbu	037-041
VG 05	Researches regarding the red onion seed's production, according to: bulb size, planting time and the density of plants/ha	Janina-Claude Capusan Minerva Heitz K. Al. Heitz Aurelia Radu Elena Stefanescu Elena Liliana Milovici (Dumitrascu)	042-047
VG 06	Effect of plant density and fertilizer on crop growth root yield and quality of carrot	Diana Chetreanu N. Atanasiu	048-051
VG 07	Research and results on the influence of nutritive solutions in the nonconventional carrot culture on perlite sublayer	Diana Chetreanu N. Atanasiu Gh. Campeanu Gabriela Neață	052-056
VG 08	Influence of peat unconventional substrate on the use of economic resources materials to tomatoes grown in greenhouses	Mileva Chirica Gh. Campeanu N. Atanasiu Gariela Morning Ludmila Mirza	057-060
VG 09	Research regarding the influence of planting material on the quantity and quality of potato production, in Braşov area	Chiru Ruxandra Nicoleta Hoza Gheorghija	061-064
VG 10	Research regarding the influence of fertilization systems on the tomato production in the Bărăgan Plain	Gabriela Alina Cioromele	065-068
VG 11	Research on the methodology of extraction of chlorophyll and carotene content of tomatoes grown in the south of Romania area	Manuela Adriana Costache Gh. Campeanu Gabriela Neață	069-073
VG 12	Plant regeneration through indirect shoot formation from different explants of red cabbage	S. M. Dănăilă-Guidea L. Visan R.V. Dobrinou M. Ionica	074-078

VG 13	The behavior of some new cultivars of sweet pepper in Braila's vegetable basin	Simona Elena Dimache (Boboc) N. Atanasiu Ghe. Campeanu Gabriela Neata C. Boboc	079-082
VG 14	The use of different types of pots for the Chinese cabbage seedlings production	Elena Dobrin Mihaela Rosu Elena Draghici Elena Grosu	083-088
VG 15	Studies on the behaviour of some Japanese tomato cultivars in Romania, under specific climatic conditions and technology	Elena Maria Drăghici Dobrin Elena	089-093
VG 16	Research regarding the biochemical and chemical contents of industrialization process of tomatoes	Ghiorghita Fiscuci Neata Gabriela Campeanu Gheorghe Manuela Costache	094-098
VG 17	The study of the climbing pod beans regarding the influence of the cultivar and plant density per hectare on seed production per hectare under the environmental conditions of SCDL Iemut	Alexander Kurt Heitz Elena Stefanescu Janina Claudia Căpușan Aurelia Radu Lidia Ioana Chiper Elena Liliana Milovici (Dumitrașcu) Minerva Heitz	099-105
VG 18	The effect of some organic fertilizer resources on the production of tomatoes grown in the solar	Minerva Heitz Elena Stefanescu Elena Liliana Milovici (Dumitrascu)	106-112
VG 19	Preliminary studies regarding the carrot culture on billon	Gheorghita Hoza R. Bărăscu	113-117
VG 20	Assortment influence on the dynamics of harvesting production upon pickling cucumber hybrids grown spring in solarium	F.C. Iacob Gh. Campeanu N. Atanasiu	118-122
VG 21	The influence of seed position on the number of days required for emergence to cucumbers gherkins type grown in greenhouses in Tărășești area, Dâmbovița County	F.C. Iacob Gh. Campeanu N. Atanasiu	123-127
VG 22	The influence of protecting artichoke upon the productive potentiality and the economic effectiveness	Eugenia Claudia Iobi	128-134
VG 23	The influence of the fertilization upon the growth of the plants and the production obtained on salted soil, in potato summer culture	Neculae Claudiu	135-140
VG 24	Study about the influence of the fertilization upon the nutrition of the potato cultivated on salted soil	Neculae Claudiu	141-147
VG 25	Influence of seeding period on production of dill	Tatiana Novac	148-152
VG 26	The influence of cultivars parsley on production of green mass	Tatiana Novac	153-157
VG 27	Sweet corn ear properties growth in sandy soil	F. Orosz Katalin Slezák	158-163
VG 28	Research on agrochemical and biochemical characteristics of onion crop cultivated in Southern Romania	P. Samata Gh. Campeanu I. Anagnoste Gabriela Neata	164-167
VG 29	Effect of shoots pruning and plant spacing on fruit yield and quality of sweet pepper grown under greenhouse	T. Shalaby F.El-Aidy B. El-Sawy A. Fayed	168-174

VG 30	Research regarding influence of fertilization regime on the quality and production of cucumbers type cornichon in solarium	Nonica Slate Gh. Campeanu G. Mogos N. Atanasiu Gabriela Neata	175-179
VG 31	Researches regarding the behavior of some new cultivars of cornichon cucumbers in solarium	Nonica Slate Gh. Campeanu G. Mogos N. Atanasiu Gabriela Neata	180-184
VG 32	Setting up the degree of suitability of some types of soil for directly sowed onion crop	Aurica Soare Ghe. Voicu	185-190
VG 33	Researches regarding the behavior of autumn cabbage crop set up on different types of soil	Aurica Soare Ghe. Voicu	191-197
VG 34	Influence of hybrid on the productive potential of sweet corn	Anne Marie Voicu (Enescu)	198-204

ORNAMENTAL PLANT

Code	Title	Authors	Page number
OP 01	Studies concerning the growth and development of <i>Gloxinia speciosa</i> cuttings under the influence of rooting substrate	Erzsebet Buta Maria Cantor Mihai Buta	205-209
OP 02	Researches concerning the behavior of <i>Gerbera hybrida</i> cultivars in pots	Maria Cantor Erzsebet Buta	210-215
OP 03	The influence of the nutrition regime on the quality characteristics of some <i>Pelargonium peltatum</i> varieties multiplied in greenhouse	Madalina Doltu D.Sora Gh.Lamureanu Constanta Alexe	216-219
OP 04	Climatic effects on the phenology of some geophytes rustic species	M. Manda C. Nicu	220-224
OP 05	Research on technology of obtaining <i>Delphinium cultorum</i> by sowing	Mihaela Marinescu-Duca	225-227
OP 06	Study on medium-term behavior of <i>Delphinium cultorum</i> in Bucharest, Bacau and Caransebes	Mihaela Marinescu-Duca	228-235
OP 07	Micropropagation of <i>Phalaenopsis Orchid</i> by natural substances for unique-formed "Orchid Key-Holder" on small bottle in order to agritourism development	Wieny H.Rizky Anne Nuraini Roni H.Gunawan	236-241
OP 08	Use of chitosan and potato extract on Hyponex medium for hybrid <i>Phalaenopsis Orchid</i> propagation <i>in vitro</i>	Wieny H. Rizky Denny Sobardini	242-248
OP 09	Research on the influence of fertilization regime on growth and flowering of <i>Alstroemeria hybrida</i> Hort. plants	Ortansa Nicoleta Stefanescu Fl. Toma	249-252
OP 10	Research concerning the propagation by cutting of some new cultivars of petunia	Fl. Toma Th. Vasilescu Sorina Petra Diana Zamfir-Vasca	253-256
OP 11	Research on the influence of the cold period and the type of substrate on growth and flowering plants <i>Hyacinthus orientalis</i> L., the variety 'Ostara'	Fl. Toma Oana Paun Sorina Petra Diana Vasca-Zamfir	257-260

LANDSCAPE ARCHITECTURE

Code	Title	Authors	Page number
LA 01	An investigation into the increased use of Desso Grassmaster in modern sport	D Birch L. Butters	261-270
LA 02	Landscaping solutions for redecorating part of the USAMV Cluj-Napoca campus, using the Japanese Garden techniques	Maria Cantor Camelia Gheorghiuță	271-275
LA 03	Why we [don't] love palm-trees? Landscape design between local identity and exoticism.	C. Cismasu A. Crasnopolschi M. Culescu I. Tudora	276-283
LA 04	The new landscapes of old infrastructures	M. Culescu C. Iancu I. Tudora	284-293
LA 05	“Green roofs” - a viable alternative for increasing the comfort in urban environment	E. Dobrescu A. Stanescu S.El. Shamali M.I. Georgescu T. Onisei O. Sava	294-300
LA 06	The landscape as a complex notion - integration in the internal legislation through the adoption of the European Landscape Convention	Claudia Fabian	301-305
LA 07	Conceptual approaches on landscaping study	A. Lazăr-Băra	306-309
LA 08	Carol I Park in Bucharest in the '30s – Celebrate Bucharest Month.	I. M. Panțu	310-315
LA 09	Trends in 20th Century Landscape Architecture – Garden City	I. M. Panțu	316-318
LA 10	Common sense and other senses regarding the historical monuments. Case study: Carol Park and Zodiac Fountain in Bucharest	Violeta Răducan	319-328
LA 11	Natural stone pavements in landscape arrangements	Anca Stănescu Elisabeta Dobrescu	329-334
LA 12	Plastics in landscape arrangements	Anca Stănescu Elisabeta Dobrescu	335-340

FRUIT GROWING & TECHNOLOGY

Code	Title	Authors	Page number
FG&T 01	Researches regarding the influence of the fertilization on the firmness of the nectarines	Constanta Alexe M. Vintila Veronica Tanase Madalina Doltu Simona Popescu, Liana –Melania Dumitru Gh. Lamureanu Lenuta Chira	341-345
FG&T 02	Evaluation of some sweet cherry cultivars on PHLC and CAB dwarfing rootstock in Istrita-Buzau, Romania	A. Asanica Valerica Tudor P. Grivu and Georgeta Temocico	346-351
FG&T 03	Increase quantity and quality of apple fruit by normalization of load by different methods of thinning	V. Balan S. Vămășescu	352-357
FG&T 04	Quantitative formation of apple trees roots in dependence of their nature radial spread limitation	I. Bogdan	358-361
FG&T 05	Study regarding the tendencies of the international organic product market	Lenuta Chira A. Chira Elena Savulescu	362-366
FG&T 06	Consumer preferences on import and local fruit in Indonesia	Deliana Yosini	367-373
FG&T 07	New Romanian nectarine and brugnone cultivars	Liana Melania Dumitru Corina Gavăt Gh. Lămureanu	374-375
FG&T 08	<i>Punica granatum</i> – decorative variety with perspective in parks and gardens	Corina Gavăt Liana Melania Dumitru	376-377
FG&T 09	Correlations between the biometric and the productive indicators for some apple tree varieties, as a result of differentiated pruning	D. Hoza Fl. Iosif Ligia Ion	378-381
FG&T 10	Research on the behavior of some new, disease-resistant apple-tree varieties, cultivated in the environmental conditions of Voinești area, Dâmbovița County	A. Ionescu D. Hoza Valeria Petre	382-386
FG&T 11	Study upon the impact of some soil maintenance systems upon apples' quality index of Pioneer variety cultivated in conditions of the Didactic Station Timișoara	Olimpia Alina Iordănescu Roxana Elena Micu Ersilia Alexa Casiana Mihuț A. Lăzureanu Aurelia Blidariu	387-391
FG&T 12	Theoretical aspects on estimate the geometrical shape changing of apples during storage	Daniela Ivănescu M. Vintilă T. Căsândroiu	392-399
FG&T 13	Experimental aspects regarding the geometrical shape changing of apples during storage	Daniela Ivănescu M. Vintilă T. Căsândroiu	400-405
FG&T 14	The dynamics of dry matter accumulation in leaves and shoots of peach trees (<i>Prunus persica</i> L.) cultivated in modern systems of planting on reddish preluvosol from the Romanian Plain	T.G. Matei Roxana Madjar	406-409
FG&T 15	Behavior of some plum varieties to the attack of the plum moth <i>Grapholitha funebrana</i> Tr.	I. Mîtea and G. Bancă	410-413
FG&T 16	Research regarding the choice of mother plants of wild cherry seeds in Transylvanian Plain	C. Moldovan Gh. Campeanu Mihaela Rusu Neata Gabriela	414-417

FG&T 17	Survey on the behavior of seedlings obtained from different types of wild cherry	C. Moldovan Mihaela Rusu Gh. Campeanu Neata Gabriela	418-424
FG&T 18	Fruits characteristics obtained from apple species from mutagenesis induction	Gabriela Neață Mihaela Rusu Gh. Câmpeanu	425-428
FG&T 19	The impact of manual thinning upon fruits' chemical features of some peach varieties cultivated in conditions of the western part of Romania	Beatrice Iuliana Sarkadi (Măguran) Olimpia Alina Iordănescu Roxana Elena Micu	429-431
FG&T 20	Study on fruits production of densely gooseberry bush plantation	Parascovia Sava	432-435
FG&T 21	Horticulture in Sulawesi Utara Province - Indonesia	Fl. Stănică	436-451
FG&T 22	Researches on the in vitro micropropagation of certain species of fructiferous arbutus in the spontaneous flora	A. Teodorescu Magdalena Duță Alexandra Bădescu Monica Motoumu Cristina Bădescu C. Bădescu Georgiana Dicu	452-459
FG&T 23	Fructification apple trees depending on the normalization of the fruit load	S. Vămășescu	460-462

VITICULTURE & OENOLOGY

Code	Title	Authors	Page number
V&O 01	Enhancement of the volatile profile of Royal Feteasca wine by using selected enzymes and yeasts	Arina Oana Antocea	463-472
V&O 02	Comparative study of the economic efficiency of using some commercial bentonites for fining white wines	Arina Oana Antocea Ionel Ilie	473-479
V&O 03	The influence of climatic changes on quality of wines obtained from the Romanian varieties of grapes	C. Băducă Felicia Stoica Camelia Muntean	480-483
V&O 04	Composition and sensorial features of multivarietal red wines from Vânu Mare vineyard	C. Băducă Camellia Muntean Felicia Stoica	484-488
V&O 05	Research concerning the influence of types of pruning and bud loads on vegetative and yielding balance at grapevine	Georgeta Mihaela Bucur L. Dejeu G. Cazan	489-495
V&O 06	Color changes induced by fining treatments in red winemaking	George A. Cojocaru Arina Oana Antocea	496-500
V&O 07	Perspective clone elites from the Italian Riesling variety	A. Comşa C.C. Cristea Florina Cudur	501-504
V&O 08	Researches concerning the behavior of some white wine grape varieties in different pedoclimatic and technology conditions	Anca Aneta Drăgulescu Mihaela Mălăescu A. Dobrei Alina Ghiţă	505-511
V&O 09	Researches regarding the deployment phases of vegetation, fertility and productivity of some wine grape varieties grown in the vineyard of the Didactic Station Timisoara	Anca Aneta Drăgulescu Mihaela Mălăescu A. Dobrei Alina Ghiţă	512-515
V&O 10	The agrobiological study of old grape varieties in vineyard Dragasani	S.S. Gorjan	516-520
V&O 11	Comparative study of some table grape cultivars in view of the extension of varietal conveyer in Huşi vineyard	N. Irimia Georgeta Mihaela Bucur L. Dejeu	521-528
V&O 12	Effects of conditioning treatment on chromatic structure of young red wines	Camelia Muntean Felicia Stoica C. Băducă	529-533
V&O 13	Restrictions, precautions and trends in using the herbicides in viticulture	I. Rădulescu Diana Vizitiu Gina Nedelea	534-540
V&O 14	Merlot 7VI and Cabernet Sauvignon 30VI, clonal selection for red wine designation of origin	M. Stoian Roxana Porumb Cr. Burlacu	541-548
V&O 15	Results of clonal selection of Cabernet Franc	M. Stoian Roxana Porumb Cr. Burlacu	549-557
V&O 16	Selection of vine clones to produce certified planting material	M. Stoian Emilia Vişoiu Elena-Cocuţa Buciumeanu Ionela Cătălina Guţă Cr. Burlacu Roxana Porumb	558-566
V&O 17	The combined effect of maceration and pectolytic enzyme preparations on extraction of terpenes compounds by flavour grapes	Felicia Stoica Camelia Muntean C. Băducă	567-571

V&O 18	Comparative analysis of the main elements which define viticultural “terroir” and their influence on the Domfelder variety	Marinela Stroe Elena Barcanu-Tudor	572-577
V&O 19	Research on the dynamics of Emposca Vitis species in vineyards located in central Transylvania	Liliana-Lucia Tomoioagă Maria Comşa C. Cudur	578-582
V&O 20	The incidence of the attack of <i>Agrobacterium tumefaciens</i> on the maturation of the drafting canes for some varieties of <i>Vitis vinifera</i> L.	Diana Vizitiu (Bălăşoiu) Carmen Bejan L. Dejeu C. Tănăsescu	583-588
V&O 21	Preliminary research regarding virulence testing of the bacteria <i>Agrobacterium tumefaciens</i> , <i>in vitro</i> and <i>in vivo</i>	Diana Vizitiu (Bălăşoiu) Emilia Vişoiu L. Dejeu I. Rădulescu	589-593
V&O 22	Influence of oxygen on vital – metabolic processes of acetic bacteria	Carmen Vlădulescu	594-596

BOTANY & PHYSIOLOGY

Code	Title	Authors	Page number
B&P 01	Glandular trichomes and volatile oil composition of <i>Artemisia lerchiana</i> (Asteraceae)	Monica Luminița Badea I. Burzo Mihaela Georgescu	597-600
B&P 02	The chemical composition of volatile oils in ten species of <i>Achillea</i> from Romania	I. Burzo Aurelia Dobrescu Liliana Bădulescu Elena Delian	601-606
B&P 03	Research on the biometric and biochemical features of some apple market varieties from western side of Romania (<i>Malus domestica</i>)	Carmen Beinșan Luciana Șimonea D. Camen R. Șumălan	607-610
B&P 04	Overview of physiological significance of hormonal signalling on plants defense responses against biotic stress	Elena Delian	611-627
B&P 05	Contribution to knowledge the volatile oil from <i>Freesia x hybrida</i> lowers, "Yvonne" and "Versailles" variety	C. Dulgheru and I. Burzo	628-631
B&P 06	Contribution to knowledge the volatile oil from <i>Iris germanica</i> L. Flowers	C. Dulgheru I. Burzo	632-634
B&P 07	Analysis of ruderal communities located along the railway Bucharest - Oltenita (segment Morarilor Road-Ion Șahighian Street)	Mihaela Ioana Georgescu Elisabeta Dobrescu Salma El-Shamali	635-642
B&P 08	Anatomy study of <i>Physalis peruviana</i> L. species (<i>Solanaceae</i>)	Elena Săvulescu Gheorghita Hoza	643-646
B&P 09	The influence of mulch color and eggplant variety on some leaves physiological parameters	Mihaela Sima I. Burzo Aurelia Dobrescu Monica Luminița Badea Elena Delian Liliana Badulescu	647-651
B&P 10	Studies concerning combinative ability of some French bean cultivars in organically grown condition	D. Trifan N. Axinti	652-656
B&P 11	Total protein and starch dynamics in an assortment of barley genotypes cultivated on different types of soil	D. Trifan N. Axinti	657-660

OTHER FIELDS

Code	Title	Authors	Page number
OF 01	Study regarding the tendencies of the international organic product market	Lenuta Chira A. Chira Elena Savulescu	661-665
OF 02	<i>Alternaria ribis</i> , pathogen of curran bushes. Biological growth parameters	Elena Enache Maria Oprea	666-674
OF 03	The dosing of active substances from vegetal extracts	Elena Enache Mariana Popescu Mirela Cindea	675-684
OF 04	Bacterial cancer of horse chestnut	Antonia Ivascu Mirela Cindea	685-687
OF 05	Industrial voids and multifunctional sites	A. Lichi	688-693
OF 06	Industrial landscape	A. Lichi	694-698
OF 07	Future of the agriculture on degraded lands by water erosion in Romania	Lucia Nedelcu S. Mircea E. Rotaru	699-702
OF 08	Considerations on the evolution and current situation of agricultural cooperatives in relation to those whose activity domain is horticulture	B.G.Oancea Ruxandra Ciofu	703-710
OF 09	Biotechnology for solid-state cultivation of mushrooms on organic wastes from wine making industry	M. Petre V. Petre	711-714
OF 10	Submerged fermentation of cereal wastes by enhanced cultivation of edible and medicinal mushrooms	M. Petre V. Petre A. Teodorescu Daniela Giosanu	715-720
OF 11	Research on the biological features of the <i>Phoma lingam</i> (Tode ex Schw) Desm. pathogen isolated on rape	E. Radu C.R. Za Stelica Cristea	721-724
OF 12	Profit versus entrepreneurial profit in agricultural activities	Elena Stoian Paula Stoicea	725-731
OF 13	Performances of the vegetable farm measured by intermediate management balances sheet	Paula Stoicea Elena Stoian Elena Soare	732-739
OF 14	Determination of biogenic amines in bananas by high performance liquid chromatography	Veronica Tanasa Daniela Moise Maria Stanca O. Baston	740-744
OF 15	The diversity of local isolates <i>Bacillus thuringiensis</i> as a biological pest control agents <i>Plutella xylostella</i> Linn and <i>Crocidolomia binotalis</i> Zell toward cabbage crops in south Minahasa Regency	Dantje Tarore Maya Ludong	745-752
OF 16	The techno-economy dynamic system on broiler farming industries in West Java Region	Taslim Naskah	753-757
Editura INVEL-Multimedia			758