

CONTENTS

Vol. 7, No. 4, 2009

AGRONOMY AND AGROECOLOGY

Correlating Soil Classification Systems – Procedures, Limitations, Results	9
<i>M. I. Gerasimova</i>	
Zeolote Containing Substrates – a New Way from Plant-Growing in Plant Production	14
<i>T.G. Andronikashvili, T.F. Urushadze, L.G. Eprikashvili</i>	
Pollen Morphology of the Genus <i>Convolvulus</i> L. (<i>Convolvulacea</i> Juss.). Part II.	46
<i>A. M. Hayrapetyan</i>	
New Data Concerning Pests of Service Trees (<i>Sorbus</i> L.) of Armenia	55
<i>R. G. Harutyunyan, G. A. Harutyunyan</i>	
The Disturbed and Polluted soils in the Absheron Peninsula and Ways of their Restoration	57
<i>G. Sh. Mammadov, A.M. Guliyev</i>	
Phytoindicators and Environmental Quality Management	60
<i>A.O. Mammadova</i>	
The Induction of Peroxidase and Pheroxidase in Plant Leaves by Systemic Pesticides	63
<i>G.A. Khatishashvili, M.V. Pruidze, G.S. Adamia, S.D. Bandzeladze, A.V. Kipiani, A.D. Chubinidze</i>	
The Changes of Biochemical Indices of Sorrel Leaves Infected with <i>Ramularia</i>	66
<i>G.V. Avagyan</i>	
Influence of Application of Organic Wastes on the Productivity of Winter Wheat in the Shaki-Zaqatala Zone of Azerbaijan	68
<i>R.H. Heydarova</i>	
Influence of Organic Fertilizers made from Local Wastes on Growth, Development and Productivity of Paper	71
<i>P.B. Zamanov, A.A. Aliyeva</i>	
Mineralization of Collector-Drainage and Irrigative Waters on the Territory of the Farm “Shafag”	74
<i>Z.A. Mammadov</i>	
Impact of Fertilizers on Grain Yield and Yield Structure of Maize Crop on Light-Chestnut Soils	79
<i>V.A. Mammadov</i>	
Currying out and Operating Ratio of Nutrients by Carnation	81
<i>Z.B. Mammadbekova</i>	
Efficiency of Using Volcanic Slag with Manure in Raising Winter Yield	84
<i>E.M. Hayrapetyan, A.M. Paronyan</i>	
Exotic Plants in Adjara Literal and their Conservation Methods	87
<i>V. R. Papunidze, M. A. Bregvadze, T. K. Tskhoidze, M. V. Metreveli</i>	
Biological Indicators of Soils Along the Route of Baku-Tbilisi-Jeihan Oil Pipeline	93
<i>Sh.Z. Jafarova</i>	
Construction of Main Bonitet Scale of Soils of North-East Slope of Small Caucasus (on the Territory of Azerbaijan)	96
<i>Z.R. Mammadov</i>	
Aerophotometric Indication of the Salted Grounds	99
<i>A.M. Jafarov</i>	
Receiving of Isotopmodified (C13-HA) Giberelin Acid from Mushrooms <i>Fuzarium Moniliforme</i> Sh. Pg7 and <i>Aspergillus Negra-48</i>; <i>As.N.40</i> using Hydrolysates <i>Clhorella Vulgaris Largo-3</i>	103
<i>M.N. Oziashvili</i>	
The Method of Balance in Prognosis of Changes of the Content of Mobile Phosphorus in Soil	105
<i>A.P. Aliyeva</i>	
On the Subject of Ecology	109
<i>G.A. Ghlighvashvili, T. T. Urushadze</i>	

AGROENGINEERING	
Application of Polynomial Regression for Statistical Evaluation of Soil Penetration Resistance <i>C. Gyuricza, L. Vasa, A. Ujj</i>	112
Prospects of Application of the Drop Irrigation in Olive Gardens of the Azerbaijan Republic <i>S.M. Shakhmalieva</i>	118
Method of Calculation of Pollution of Agricultural Holdings' Soils and Water Bodies <i>D.N. Kereselidze, L.G. Matchavariani, V.Z. Trapaidze, G.I. Bregvadze</i>	121
Energetic-technological Efficiency of Replacement of Ploughs Field Boards by Rollers (Third Information) <i>A.A. Hovhannisyan</i>	129
Method of Forecasting of Inflow to Mingechavir Water Reservoir (Run-off of Alazan River) <i>R.G. Verdiyev</i>	132
The Generator of Aeroions and Ozone <i>V.N., Yavruyan, R.G. Khanoyan, E.V. Abrahamyan</i>	135
VETERINARY SCIENCE AND ANIMAL HUSBANDRY	
Study of Population Dynamics and Biological Parameters of Common Kilka (<i>Clupeonella cultriventris caspia</i>) in the Southeast of the Caspian Sea (Mazandaran Province) <i>G. Karimzadeh, B. K. Gabrielyan, H. Fazli</i>	137
Influence of Biological Preparation on Metabolic and Protective Indexes in Young Domestic Animals <i>S. L. Grigoryan, A. R. Mkrtchyan, M. A. Sargisyan</i>	145
TECHNOLOGY OF PROCESSING OF AGRICULTURAL PRODUCTS	
The Chances Quantity of Sodium Nitrate in Ready Product "Sudjuk" <i>I. G. Baluyantz, R.A. Beglaryan, E.L. Saakyan</i>	147
FORESTRY	
Current Structure of Chestnut Stands in Adjara <i>Z.K. Manvelidze, M.A., Svanidze, G.A. Gagoshidze</i>	150
ECONOMICS	
Economic Performance of Transhumant Sheep Farming in Azerbaijan and Prospects for its Future Development <i>R. Neudert, N. K. Allahverdiyeva</i>	153
Basic Disadvantage of Standards of Capital Equivalence <i>S.S. Sukiassyan</i>	158
The Problems of Building Economy on the Knowledge of the Transition Countries <i>G. I. Vardanyan</i>	161
The Problems of Financing and Crediting the Agriculture in Current Conditions in Azerbaijan <i>K. N. Javadzadeh</i>	166
The Prospects of the Development of Agrarian Sector in the Countries of South Caucasus in the Conditions of Economic Globalization <i>P. P. Koghuashvili, B. A. Ramishvili</i>	169
OBLITARY	
In Memory of Alexander N. Antipov (1949-2009)	172
In Memory of Archil G. Khantadze (1935-2009)	174
Guide for Authors	176