

CONTENTS

Vol. 8, № 4, 2010

AGRONOMY AND AGROECOLOGY

- Complex Assessment of the Bioindicative and Bioremediative Potential of the Some Plant's Species** 8
A.O.Mammadova
- Pest Psyllid (*Hemiptera, Psylloidea*) Complex of Horticulture (Pear Tress Plantations) of Georgia and the Ways to Avoid of Interspecies Competition Among Some Species**..... 11
A. M. Gegechkori
- Regeneration of Chickpea Genetic Resources Collection in Georgia**..... 16
A.A. Korakhashvili, N.K. Chankvetadze, I.E. Vepkhvadze, M. R. Chachava
- Geocological State of Mountain-Ore Regions of Georgia and Optimization of the Environment**..... 20
E. F.Davitaya, Z.Kh. Seperteladze, L. G. Matchavariani, T. F. Kikvadze
- The Bioproductivity of Fodder Grasses of Subalpine Hayfields of the Central Caucasus**..... 26
R. T. Lolishvili, T.M. Subeliani
- Arsenic in Soils and Plants Food Products of Mining and Processing Region of Arsenic Sulfide Ore in Georgia** 31
G.D.Supatashvili, N.A. Labartkava, N.V. Loria, D.T. Dugashvili
- The Exposure of Mineral Features of the Main Types of Soils of Shirvan Lowland in the Case of Long-Term Agricultural Usage**..... 35
M.A. Akhmedova
- Intensive Methods of Growing Tomato Seeds in Conditions of Ganja-Kazakh Zone of the Republic of Azerbaijan in Very Early and Repeated Sowings** 39
Z.J. Allahverdiyeva
- The Comparative Analysis of Methods of Investigate Texture (on Example of the Andosols of Georgia)**..... 42
T.F. Urushadze, T.O. Kvrivishvili, E.V. Sanadze
- Definition and Manifestations Polyvalent Bioactive GA Isolated in Suspension Cell Cultures in *Iucca Gloriosa l* (= *I. acuminates Sweet*)** 47
M. N. Oziashvili
- Ampeloecological Peculiarities of the Soils of the Kvareli Environs (Georgia)**..... 50
L.A. Gamsakhurdia

AGROENGINEERING

- Ways of Alleviating Disasters Caused by Mountainous Rivers Flooding** 54
Ts.Z. Basilashvili, J.G. Tabatadze, M.G. Janelidze
- About Building Semiself Moving Ploughs on Hydroengine Drive**..... 57
A.A. Hovhannisyan
- Energy Saving Technologies Machine on a Rehabilitation Tea Plantations** 63
Z.K. Makharoblidze, I.M. Lagvilava, R.M. Khazhomiya, B.A. Goshadze
- Mathematical Modeling of Contaminating Agent' Percolation in the Soil During Accidental Spill of Oil** 66
N. A. Begalishvili, N.N. Naskidashvili, L. U. Shavliashvili, D. M. Shavladze

VETERINARY SCIENCE AND ANIMAL HUSBANDRY

- The Application of Useful Features of Native Hens for Eggs and Meat Production**..... 69
M.G. Gajiev

Specifications of Formation of the Ichthyofauna in the Armenian Reservoirs	74
<i>S. Kh. Pipoyan</i>	
Morphological and Histological Study of Rabbits during Immunization with Anthrax Vaccine 1-17 Strain	78
<i>T. O. Ghvinadze</i>	
Current Problems of Sheep Breeding in Georgia	80
<i>A. P. Dolmazashvili, G. I. Macharashvili, K. J. Natsvaladze</i>	
Relation Between the Live Weight of Yeung and the Intensity of Growth of the Tail Feather	85
<i>B. G. Davitashvili, R. S. Mitichashvili, A. A. Chagelishvili</i>	
<hr/> <hr/>	
TECHNOLOGY OF PROCESSING OF AGRICULTURAL PRODUCTS	
Cultivation of Eucalyptus as Verdure Culture.....	88
<i>N.Sh. Baghaturia, E. A.Uturashvili, N. A. Begiashvili, B. N.Baghaturia</i>	
The Investigation of Basic Qualitative Indexes of Quince Juice for the Production of Drinks.....	90
<i>G.N. Kaishauri</i>	
<hr/> <hr/>	
ECONOMICS	
The Problems of the Sustainable Development of the Mountainous Regions of the Republic of Armenia	94
<i>M.G. Manasyan</i>	
Philosophy of Financial Analysis and Organization Culture.....	97
<i>V.V. Kakabadze, M.V. Papunidze</i>	
Value of Mathematical Modelling of Economic Events and Processes in Agriculture	100
<i>T.R. Kvaratskelia</i>	
<hr/> <hr/>	
REVIEW	
A Valuable Textbook.....	103
<i>T.T. Urushadze</i>	
<hr/> <hr/>	
HISTORY OF SCIENCE	
Long, Glorious Way of a Scientist (Alexander V. Motserelia - 100)	104
<i>O.I. Kiria</i>	
<hr/> <hr/>	
JUBILEE	
G.D. Agladze – 80	106
<i>A.P. Tarverdyan</i>	
<hr/> <hr/>	
OBITUARY	
In Memory of Elkhan G. Godjaev (1937 - 2010).....	108
<hr/> <hr/>	
Guide for authors.....	109
<hr/> <hr/>	