

## Table of Contents

<b>Dobrei A., Nistor Eleonora, Nan Roxana-Daniela, Dobrei Alina</b> – The influence of manual and mechanical pruning on grape quantity and quality and the efficiency of vineyards management	1
<b>Nistor Eleonora, Dobrei Alina Georgeta, Dobrei A., Drăgunescu Anca Aneta, Ciorică G.</b> – Research on the influence of macroelements on the quality of production in the Victoria variety	9
<b>Dobrei Alina, Nistor Eleonora, Mălăescu Mihaela, Drăgunescu Anca, Dobrei A.</b> – Training and canopy management influence on grape yield and quality	15
<b>Dobrei A., Nistor Eleonora, Constantinescu D., Dobromir Daniela, Dobrei Alina</b> – Improving vineyards management efficiency by using mechanical pruning	22
<b>Nistor Eleonora, Dobrei Alina Georgeta, Dobrei A., Ciorica G.</b> – Influence of crop loading on berries composition in Cabernet Sauvignon variety	28
<b>Scedei Daniela Nicoleta, Iordănescu Olimpia Alina, Duma (Copcea) Anișoara, Alda S., Alda Liana Maria, Moatăr Maria Mihaela, Beinșan Carmen, Marcovici A.</b> – Behaviour of old apple tree varieties ( <i>Malus domestica</i> BORKH) from Timis County	35
<b>Zanfir V., Baci A. A.</b> – Behaviour in grafting of "Tuleu gras" plum cultivar grafted on generative rootstocks with intermediate	39
<b>Scedei Daniela Nicoleta, Iordănescu Olimpia Alina, Duma (Copcea) Anișoara, Beinșan Carmen, Alda S., Alda Liana Maria, Moatăr Maria Mihaela, Blidariu Daciana Tiberia, Stoianov Z.</b> – Behavior of walnut biotypes ( <i>Juglans regia</i> L.), from Cenei, Timis County	45
<b>Alda Liana Maria, Alda S., Bordean Despina Maria, Moatar Mihaela, Ghilici C., Cristea T., Sirbulescu Claudia</b> – The effect of thermal processing on the antioxidant properties of <i>Beta vulgaris</i> and <i>Raphanus sativus</i>	51
<b>Alda Liana Maria, Bordean Despina Maria, Moigradean Diana, Cristea T., Danci M., Susman D., Alda S.</b> – The effect of thermal processing on the antioxidant properties of white and red cabbage	55
<b>Alda S., Moigradean Diana, Scedei Daniela, Manea D., Danci M., Sandru Marioara, Alda Liana Maria</b> – Cherries as a source of iron, copper and zinc	59
<b>Alda S., Scedei Daniela, Rada Maria, Manea D., Moatăr Mihaela, Sandru Mărioara, Bordean Despina Maria</b> – Cherries as a source of macroelements	63
<b>Baci Anca, Mike Luiza, Tican Andreea, Cioloca Mihaela</b> – Results regarding the behavior of new potato lines created under the experimental conditions of S.C.D.C. Targu Secuiesc	67
<b>Tălmăciu M., Tudorache V., Tălmăciu Nela, Herea Monica</b> – Research on coccinelids species in some agricultural crops and their role in agroecosystems	76

<b>Tălmăciu Nela, Andron G., Tălmăciu M., Herea Monica</b> – Research on the structure, dynamics, abundance and the role of the species of coleopters (Insect class, Ordinal <i>Coleoptera</i> ) existing in the apple tree plantations	87
<b>Tălmăciu Nela, Tudorache V., Tălmăciu M., Herea Monica</b> – Research on the coccinelids species (Ord. <i>Coleoptera</i> , Fam. <i>Coccinellidae</i> ) in some horticultural crops as well as their importance in maintaining biocenotic balance	96