



**Sumy National Agrarian University**



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Department of agronomy and agricultural technology named after A. V. Melnyk

**Specialty: 201 «Agronomy».**

**Topic of the dissertation thesis:** «Varietal characteristics of yellow mustard productivity formation depending on growth regulators with anti-stress action»

**Scientific supervisor:** Doctor of agricultural sciences, professor of the department of agronomy and agricultural technology, **Andrii Melnyk**

**Term of studies:** 01.10.2018 - 01.10.2022

### **PUBLICATIONS:**

#### **Articles in Ukrainian professional collections:**

Melnyk A. V., Zherdetska S. V., Shabbir G., Jia Peipei. *Optimization of power supply system mustard Syzoy in the conditions of north-eastern steppes of Ukraine//Bulletin of Sumy National Agrarian University.* – Sumy, 2018. – No 9 (36). – P. 60 – 63/

#### **Gender in indexed editions in Web of Science**

1. The article was passed to the journal WoS Agrolife: «EFFECTS OF DIFFERENT PLANT GROWTH REGULATORS IN A CULTURE ROOM ON SEEDLING MORPHOLOGY PARAMETERS OF *Brassica juncea* L».

### Participation in conferences:

1. Jia Peipei *PERSPECTIVES of WINTER MUSTARD GROWING in the CONDITIONS of NORTHEASTERN FOREST-STEPPE of UKRAINE* / A. V. Melnyk, S. O. Butenko, // Materials of II All-Ukrainian Scientific-practical Conference (Oleksandrivka, Dnipropetrovsk region, Ukraine, November 27, 2018). – 2018. – P. 93
2. Jia Peipei. *PROSPECTS of USING GROWTH REGULATORS with ANTI-STRESS ACTION FOR OIL CULTURES of BRASSICACEAE FAMILY in CONDITIONS of CLIMATE CHANGE in the LEFT-bank FOREST Ukraine* / S. O. Butenko, G. Shabir, A. V. Melnyk // Materials of II International Scientific-Practical Conference "Climate Change and agriculture. Challenges for Agrarian Science and Education "(Mykolaiv, 10-12 April 2019). – 2019. – P. 212.
3. P. P. Jia, *EFFECT OF SEED TREATMENT WITH PLANT GROWTH REGULATORS ON GERMINATION OF MUSTARD SEEDS* / A.V. Melnyk, S.O. Butenko // Materials of the International Scientific and Practical Conference "Goncharovskie readings" (Sumy, 24-25 May, 2019). – 2019. – P. 81.
4. The PAPER passed the thesis for participation in the international Scientific and Practical Conference "innovative Agrotechnologies" – Kyiv, June 4-6, 2020 "*VARIETAL FEATURES OF PHOTOSYNTHETIC ACTIVITY AND THEIR INFLUENCE on the YIELD OF SPRING MUSTARD in the FOREST-STEPPE UKRAINE*".