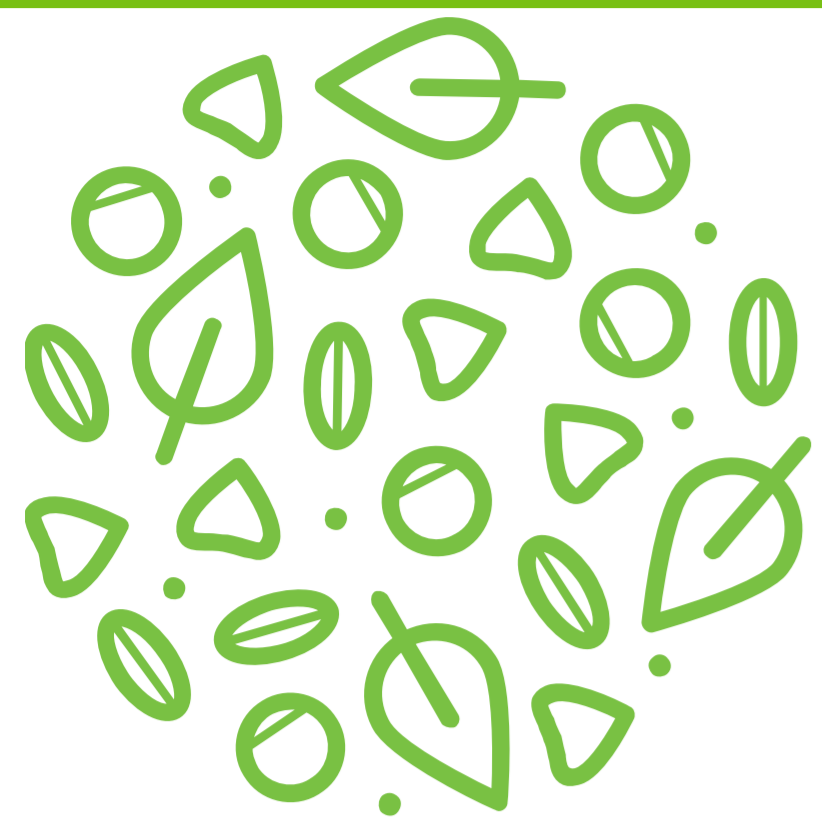


ECOBREED PARTICIPATORY TRIALS FOR ORGANIC SOYBEAN PRODUCTION IN SERBIA



ecobreed

IMPROVING CROPS

INTRODUCTION

In the framework of ECOBREED project, on-farm variety evaluation trials for organic soybean were set up in Serbia.



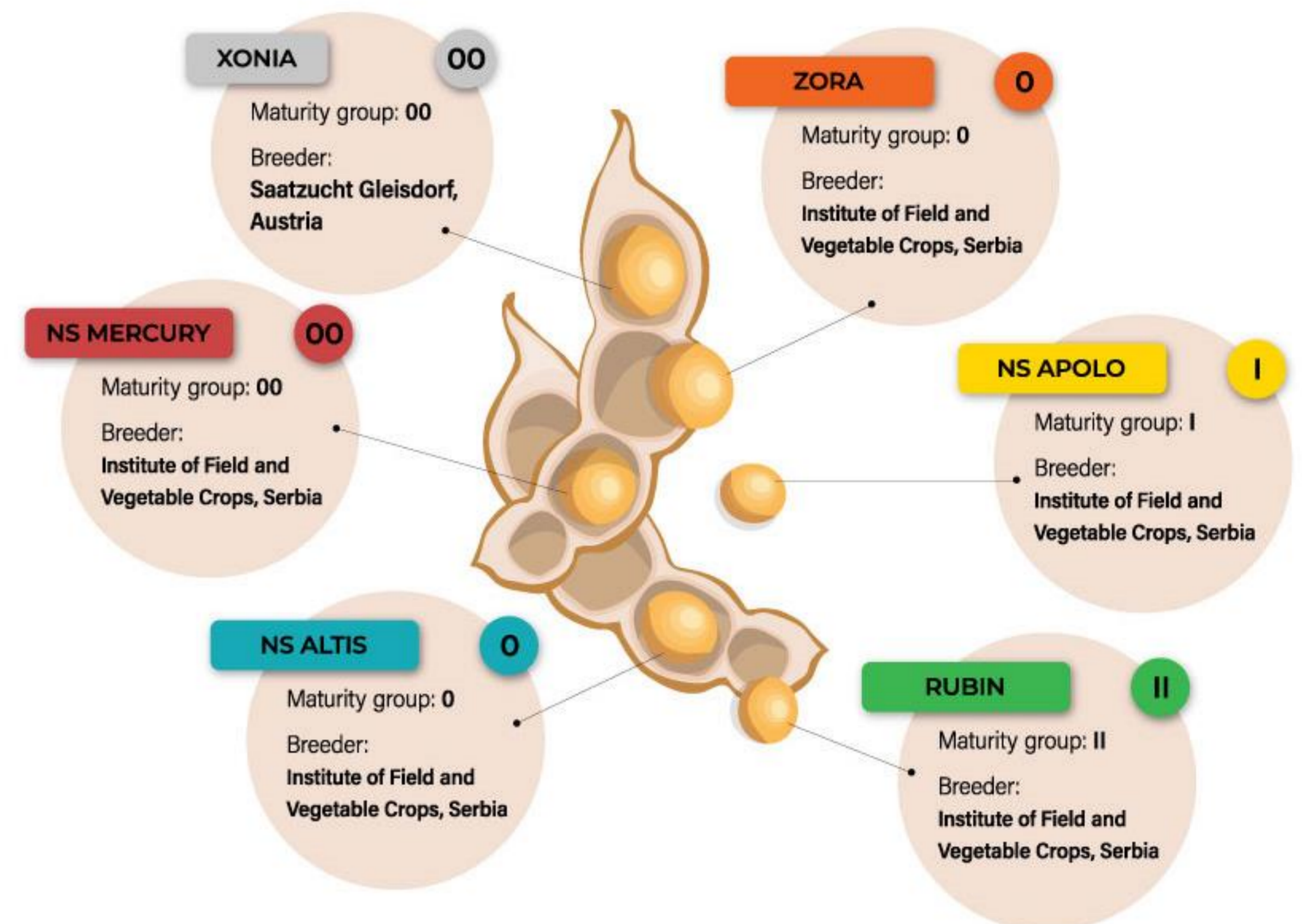
M. Vasiljević¹, V. Đorđević¹, P. Randelović¹, J. Miladinović¹, Ž. Milovac¹, M. Čeran¹, D. Marić²

¹ Institute of Field and Vegetable Crops, Novi Sad, Serbia

² Global Seed, Čurug, Serbia

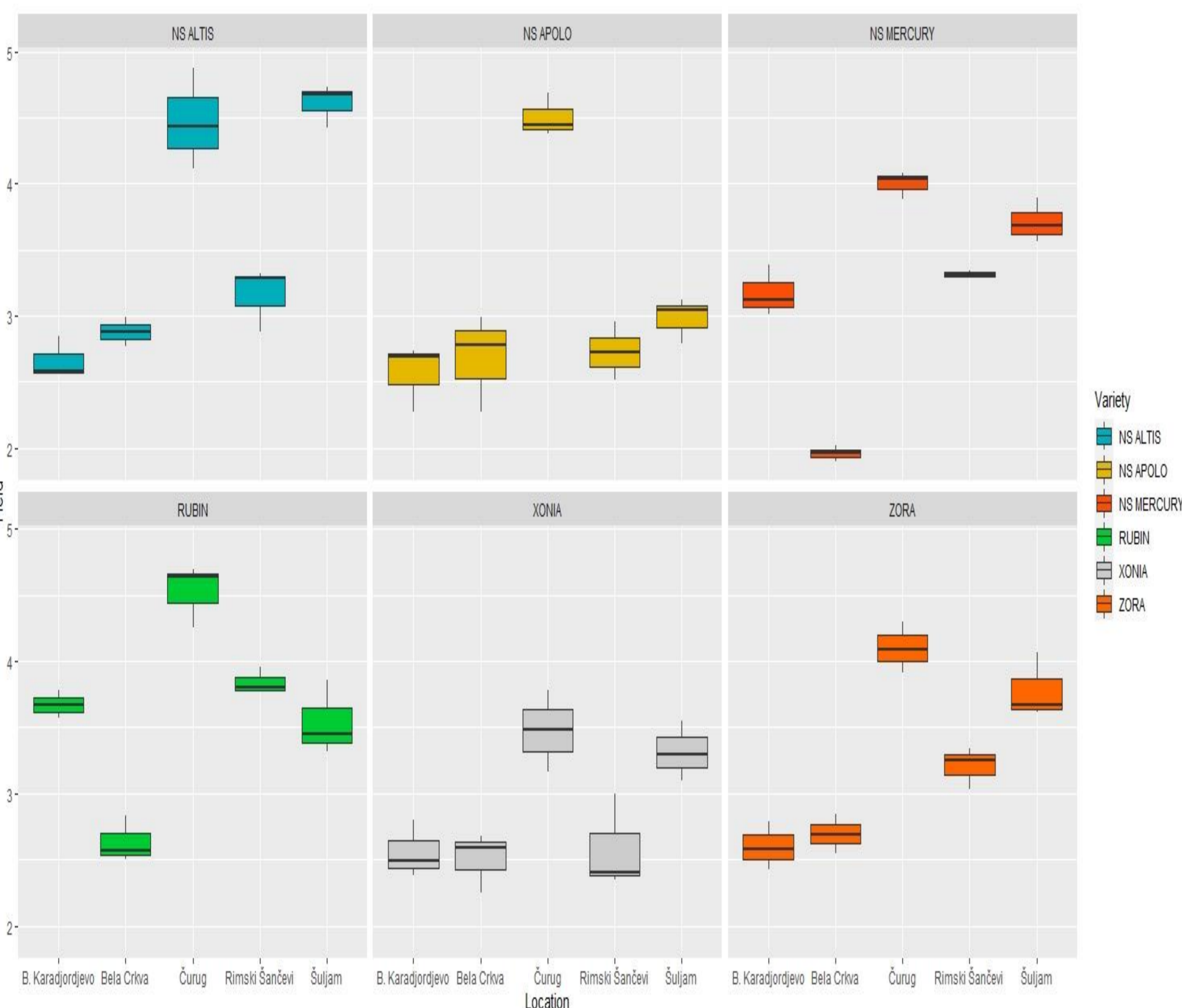
MATERIAL & METHODS

The trials were set up in 2021 year, six soybean varieties were tested in a network of large-plot trials (300 m²). Sowing was conducted in early April while harvesting in September.

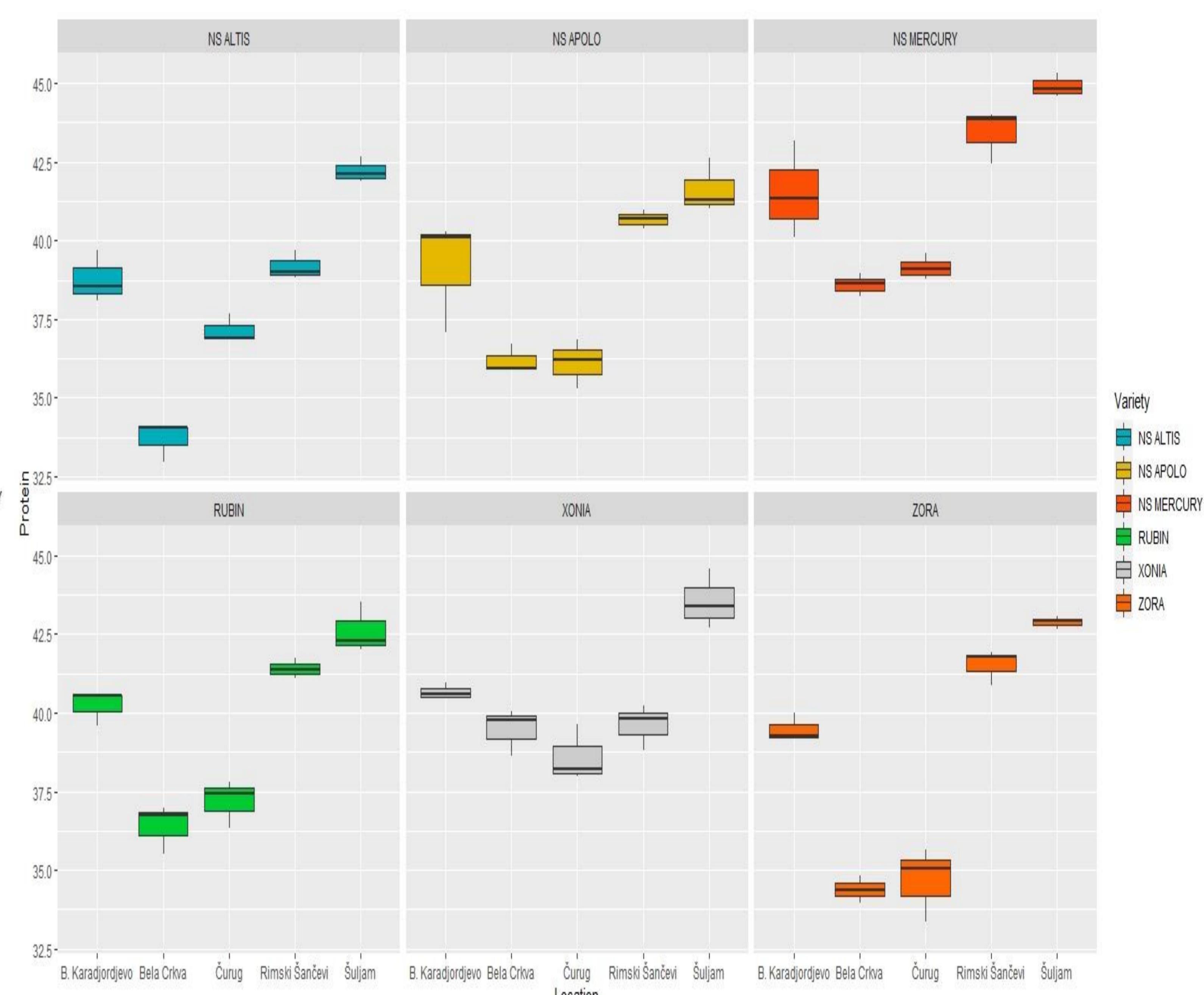


RESULTS

Soybean varieties (00-II maturity groups) showed different adaptability to specific farm site conditions. Yield was in the range 1.96-4.61 t/ha (Graph 1), while protein content was in the range 33– 44% of dry matter (Graph 2).



Graph 1. Yield (t/ha)



Graph 2. Protein content (%)

CONCLUSIONS & FUTURE RECOMMENDATIONS

These trials were considered as baseline for the next production season. Organic farmers were actively engaged during the trial observations, and they are trained to be able to select soybean varieties that are better adapted to their particular environment and growing conditions.



Corresponding author:

Marjana Vasiljević

marjana.vasiljevic@nsseme.com



Funded by European Union
Horizon 2020
Grant agreement No 771367

ECOBREED project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 771367. The content of this paper reflects only the author's view and the European Union Agency is not responsible for any use that may be made of the information it contains.