



1 01 Sept. 2026 / Forum Sessions –
Academy of Sciences of Moldova –
Chisinau, Capital

2 02 Sept. / Long-term field experiments on crop rotations, permanent cropping, and conservation agriculture; Field trials with soybeans, common beans, corn and others; Chernozem soil profile – “Selectia” Sector of the National Center for Research and Seed Production – Balti City



The “Chernozem of the Balti Steppe, Moldova” was officially proclaimed as the inaugural “IUSS World Soil of the Year” during the closing ceremony of the 2024 Centennial Congress and Celebration in Florence.

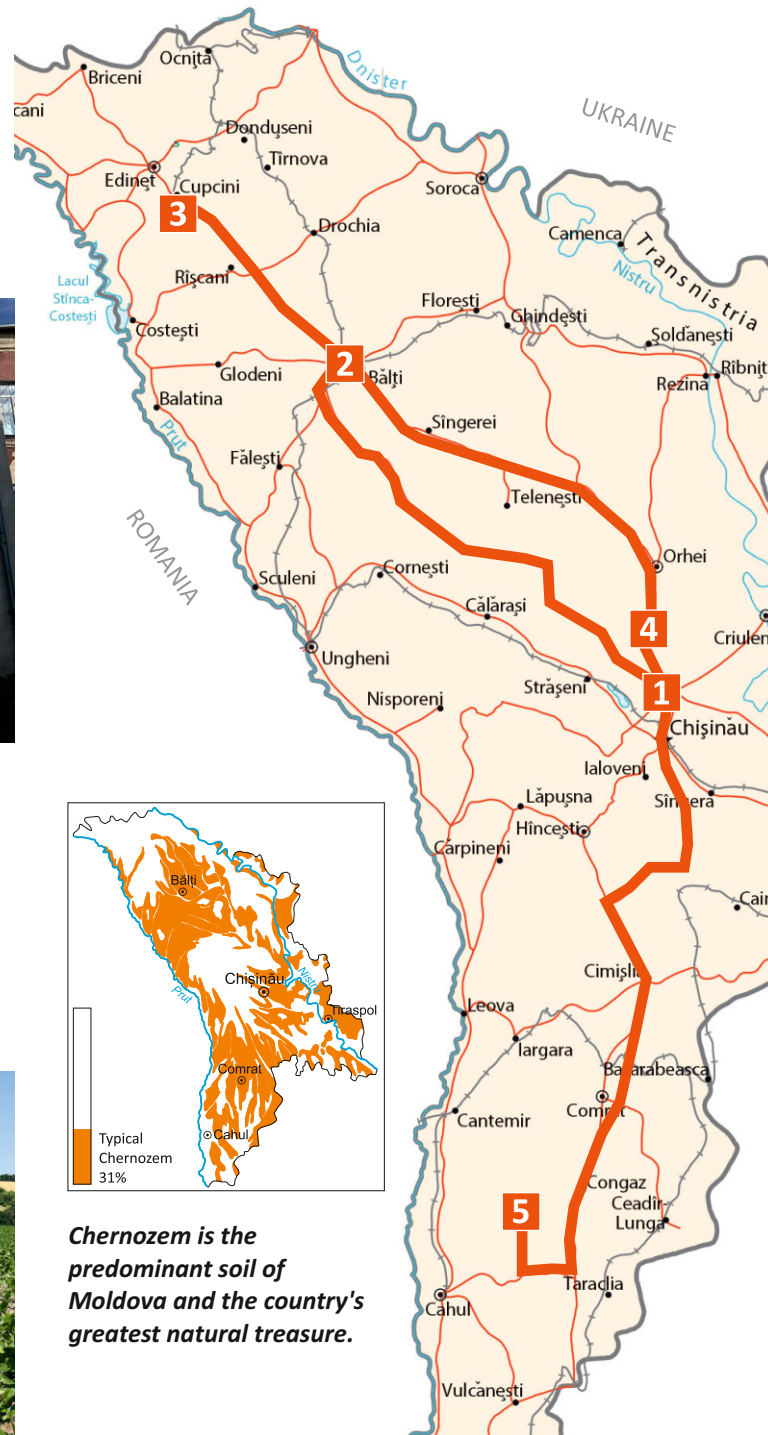


3 03 Sept. / On-farm soil conservation agricultural systems – Explore farm lands – Cupcini, Edinet District



FIELD TRIP PROGRAM

Sustainability of Black Soil Farming



Chernozem is the predominant soil of Moldova and the country's greatest natural treasure.

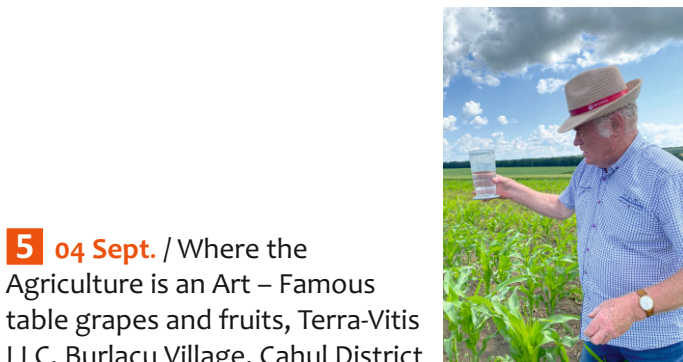


Photo by Stela Curcubat

Its profile is very thick, well humified and well structured – properties inherited from the steppe. Only grassland with its many-branched and deeply-ramified root system is able to produce abundant organic matter and humification throughout the solum. The underlying horizon, enriched in secondary carbonates, is a marker of the soil water regime that determines the different subtypes of chernozem. From north to south, less and less water percolates through the profile; in phase with the water regime, Leached chernozem gives way to Typical chernozem which, in turn, gives way to Carbonate chernozem. All chernozem share the thick, black, granular topsoil – remarkable for its fertility and resilience – but more than a century of cropping has degraded the chernozem; even where the soil profile is intact, it has lost half of its native humus and requires different and better treatment if its productivity is to be sustainable.

Ursu, A., Overcenco, A., Marcov, I., Curcubat, S. (2014). Chernozem: Soil of the Steppe.

4 04 Sept. / Porumbeni Sector of the National Center for Research and Seed Production – Porumbeni Village, Criuleni District



5 04 Sept. / Where the Agriculture is an Art – Famous table grapes and fruits, Terra-Vitis LLC, Burlacu Village, Cahul District



Photo by Terra-Vitis LLC



Public Institution
“National Center for Research and Seed Production”

Supporting projects

International Partnership Program of Chinese Academy of Sciences, Mechanism and Control of World Mollisols Degradation (131323KYSB20210004)

European project “Transformative Living Labs for Soil Health: Advancing Regenerative and Conservation Agriculture Across Europe” (TRAILS4SOIL). Project number 101218949

ANSO World Mollisols Association Project (PA-2023-12)

UCIP IFAD Consolidated Programmes
Implementation Unit of the International Fund for Agricultural Development

Donau Soja, Chisinau, Republic of Moldova

Chamber of Commerce and Industry, Republic of Moldova

Pro-Co-Re, Balti, Republic of Moldova

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Moldova-China Forum on Black Soil Farming

September 1-5, 2026
Chișinău-Bălți, Republic of Moldova

FIELD TRIP PROGRAM

Sustainability of Black Soil Farming

Organized by:

Academy of Sciences of Moldova
ANSO-World Mollisols Association
National Center for Research and Seed Production
Northeast Institute of Geography and Agroecology,
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