International Barley Genetics Symposium 2022

**INVITATION TO SUBMIT SEEDS FOR FIELD DEMONSTRATIONS**

***Location and time of demonstration***

Field demonstrations will be located at PRIEKULI (Institute of Agricultural Resources and Economics, Priekuli Research Centre, 57.31 N, 25.32 E) which is 100 km east of the capital Riga.

Field demonstrations will be visited during the Symposium field day on July 7th

***Barley material, sowing and treatment of plots***

Please, use the form on 2nd page to submit barley seed.

Mainly **spring barley,** comprising research material or advanced breeding lines is expected. While it is possible to sow small plots of ***winter barley*** in cases of particular interest, please, note that overwintering can be very poor in Latvian unstable winter conditions and there is a chance that they will winterkill completely.

Material will be sown in a conventionally managed breeding field with mineral fertilizers applied in order to obtain 5 t/ha grain yield, one application of herbicide, insecticide if required, and no fungicides. We will do no seed treatment; please send treated seed if you prefer to!

One plot per accession will be sown (no replicates) with the main aim to visually demonstrate line performance during the symposium. We usually sow 400 germinable seeds per 1 m2 and suggest you use the same (or different seeding rate if you prefer) and send the exact amount of seeds for the plot size you choose.

***Deadlines***

**To ensure that space is allocated for your submissions,** please return the form below with your information **by July 15th 2021** (winter barley) and **by January 15th 2022** (spring barley) to e-mail linda.legzdina@arei.lv

**Winter barley** seeds **need** to arrive not later than **September 1st 2021**

**Spring barley** seeds **need** to arrive not later than **April 1st 2022**

***Shipping address:***

Dr.Linda Legzdina

Institute of Agricultural Resources and Economics

Priekuli Research Centre

Zinatnes iela 2

Priekuli, LV-4126

LATVIA

Please **check to determine** if there are any restrictions **on** send**ing** seeds for research purposes from your country to Latvia (European Union) and to obtain the necessary permits! **No Import Permit is required to send barley to Latvia, however a Phytosanitary Certificate is recommended**.

Looking forward to seeing you**, and your barley**, in Latvia and particularly in Priekuļi in summer 2022!

Please return this form by July 15th 2021 (winter barley) or Jaunuary 15th 2022 (spring barley) to e-mail linda.legzdina@arei.lv

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Contact (name, institution, e-mail address)**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Location, program, etc**

***Options***

 (please fill in what you choose)

1. Varieties / advanced spring barley breeding lines, max 5 accessions per participant. Yield plots are 6.5 m2 (2600 live seeds recommended), consisting of 7 rows wide and 5.55 m long.

**\_\_\_\_ I would like to send seeds of \_\_\_\_ accessions**

\_\_\_\_ I would be interested to know the yield data

\_\_\_\_ No seed should be harvested or further used from my accessions

\_\_\_\_ I will submit the samples together with an MTA agreement

\_\_\_\_ Harvested material may be used for breeding purposes

Comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Research material (e.g. mapping populations, genetic stocks), spring barley, plots are 2-3 rows x 1 m length (240 live seeds recommended) per accession, max 200 accessions per participant.

**\_\_\_\_ I would like to send seeds of \_\_\_\_ accessions**

**Please give short description of material:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** (if the amount will be too large, organising committee will decide what material to choose)

1. Winter barley, plots are 2 m2 (1000 live seeds recommended), max 10 accessions per participant

**\_\_\_\_ I would like to send seeds of \_\_\_ accessions**

Comments:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**