

# Barley Breeder

## Nordic Seed Germany

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### PLANT BREEDING

Are you passionate about plant breeding, and do you have an interest in plant genetics and breeding? Then become our new colleague at Nordic Seed Germany with wheat breeding as your core area of responsibility.

#### WHAT DO YOU BECOME A PART OF?

At Nordic Seed, we work together in a holistic way to develop new varieties to the agricultural market with focus on both traditional and new sustainable traits to create future-ready barley varieties to combat with new challenges of climate changes. In particular, we are breeding for biotic, abiotic stresses and quality in combination of high yielding potential.

You will get a close collaboration between departments and work with skilled colleagues. We have up to date facilities of marker assisted breeding, marker assisted backcrossing in combination with DH production. The genomic selection is routinely used in our breeding program. At Nordic Seed, we act in concert. We value out-of-the box thinking and like to lose control in an intelligent way. We have direct contact to the market spanning from central, northern and eastern Europe via our mother companies.

#### YOUR PRIMARY RESPONSIBILITIES

##### **Variety and hybrid breeding.**

As barley breeder at Nordic Seed Germany you will contribute to the development of new varieties and hybrids in winter barley. You will perform scoring, observation, evaluation and selection in breeding and screening trials in close cooperation with head of barley breeder in Denmark. You record, process and analyze breeding and screening data including genomic selection and GWAS provided by our molecular breeder and genomic breeder. In addition, you will be involved in project collaborations with academia and universities, managing practical project activities in this respect. The position is part of the Breeding team at Nordic Seed consisting of experienced breeders, genomic breeders, molecular breeder, assistant breeders and technicians.

- Plan, prepare and execute field trials. This involves, for example:
  - Design of trials and field layouts
  - Preparation of seed for sowing
  - Conducting maintenance breeding
- Plan and coordinate crossing plan with the head of barley breeder
- Perform phenotypic scorings and selections in breeding trials and breeding gardens
- Perform statistical data analysis from field data
- Employing genomic selection in early generation
- Active participation of speed breeding

- Maintain field books and data recording
- Contact with academia and universities in project collaborations

#### YOUR PROFILE

##### **Innovative and talented breeding profile**

We expect you to have finished your education, preferably a Ph.D. with specialization in plant breeding or related fields with understanding of genetics and statistics. You have good knowledge of practical agriculture (especially cereals), market and products. You are flexible and social, have a positive teamwork attitude and excellent communication skills, analytically strong and result-driven. You have excellent reading, writing and speaking skills in English and German. Excellent computer skills are required. Some travel activity is expected for this position. In addition, you possess a driving license class B necessary for driving a car.

#### WE OFFER

At Nordic Seed, our foundation is built on cooperation, and we have a fundamental belief that we are stronger together. We thus offer a workplace where we develop together – across departments, competencies and national borders. Employees are our most important resource, and we make an effort to create the best framework for well-being, development and influence. We will offer a competitive salary according to your education and experience.

#### ARE YOU INTERESTED?

If you think the position sounds exciting, please send us your application and CV today or as soon as possible or no later than June 30. 2024. We expect to hold interviews on an ongoing basis, and we will stop the search when the right candidate has been found. For further information please contact Dr. Ahmed Jahoor, head of breeding and research via [ahja@nordicseed.com](mailto:ahja@nordicseed.com) or by phone 0045-29134757. Please send your application to Polina Poltavska via email [polp@nordicseed.com](mailto:polp@nordicseed.com) and for inquiry concerning your application by phone 0049 151 10844885

We believe that diversity strengthens the solution of tasks. We therefore encourage all interested parties – regardless of background – to apply for the position.

We hope to hear from you!