**Wheat Disease Resistance Breeder**

CIMMYT is a cutting edge, non-profit, international organization dedicated to solving tomorrow's problems today. It is entrusted with fostering improved quantity, quality, and dependability of production systems and basic cereals such as maize, wheat, triticale, sorghum, millets, and associated crops through applied agricultural science, particularly in the Global South, through building strong partnerships. This combination enhances the livelihood trajectories and resilience of millions of resource-poor farmers, while working towards a more productive, inclusive, and resilient agrifood system within planetary boundaries.

CIMMYT seeks a middle career and self-motivated wheat scientist to join our wheat pathology team, with demonstrated experience in wheat pathology and resistance breeding work. The team's research focuses on several non-rust wheat diseases, including Fusarium head blight, wheat blast, spot blotch, Septoria tritici blotch, Septoria nodorum blotch, and tan spot. The successful candidate will play a crucial role in strengthening in wheat disease research and collaboration between China and CIMMYT, contributing to the development of disease-resistant wheat varieties and the enhancement of global wheat production for food security.

The location of this position will be CIMMYT Headquarters, El Batan, Mexico.

**Special Duties**

* Participate in wheat disease evaluation in various experimental stations in Mexico
* Develop breeding materials with improved disease resistance via introgression of major resistance genes/QTL
* Conduct genetic studies for wheat diseases
* Participate in fungal biology studies for the wheat pathogens
* Data compilation and data analysis of field, greenhouse and molecular marker results
* Participate in the group meeting and seminars and make presentations when required

**Qualifications**

* PhD in plant pathology, plant genetics, crop breeding or other highly related fields
* Strong experience and knowledge of wheat diseases and wheat improvement.
* Understanding of gene discovery as well as molecular marker development and deployment strategies.
* Competent in statistical analysis and data interpretation.
* Track record of publication in peer-reviewed journals.
* Excellent written and oral communication skills in English.
* The selected candidate must exhibit the following competencies: Problem-solving and decision-making, client orientation, negotiation and conflict resolution, communication, and teamwork.

**Duration of the assignment**

The position will be started from August 2025 for a fixed term of 18 months.