

60th All India Wheat and Barley Research Workers' virtual Meet,

5th August 2021

Wheat Quality – Work Plan Meeting (2021-22)

NIVT

NIVT entries will be analysed for grain appearance score, test weight, protein content, sedimentation value in both aestivum and durum genotypes. In addition, phenol reaction in bread wheat and yellow berry and yellow pigment in durum wheat will also be analysed.

- **NIVT 1A** (Irrigated Timely Sown) samples from Ludhiana, Hisar, Durgapura, Delhi, Pantnagar (NWPZ), Kanpur, RPCAU-Pusa, Varanasi and Sabour (NEPZ) will be analysed at **PAU, Ludhiana**.
- **NIVT 1B** (Irrigated Timely Sown) and **NIVT 6A** samples from Ludhiana, Hisar, Durgapura, Delhi, Pantnagar (NWPZ), Kanpur, RPCAU-Pusa, **BISA-Pusa (for NIVT 6A)**, Varanasi and Sabour (NEPZ) will be analysed at **RAU, Durgapura**.
- **NIVT 2** (Irrigated Timely Sown) samples from Indore, Vijapur, Junagarh, Powarkheda (CZ), Dharwad, Pune and Niphad (PZ) will be analysed at **SDAU, Vijapur**.
- **NIVT 3A** (Irrigated Late Sown) AND **NIVT 5A** (Restricted Irrigation Timely Sown) Entries from Pantnagar, Hisar, Ludhiana, Durgapura, Delhi (NWPZ) and RPCAU-Pusa, Sabour, Kanpur, Varanasi (NEPZ) will be analysed at **GBPUA&T, Pantnagar** Centre.
- **NIVT 3B** (Irrigated Late Sown T. Aestivum) AND **NIVT 4** (Irrigated Timely Sown T. durum) samples from Vijapur, Indore, Powarkheda, Junagarh (CZ) and Dharwad, Niphad, Pune (PZ) will be analysed by the quality laboratory at **ARI, Pune**.
- **NIVT 5B** (Restricted Irrigation Timely Sown, both durum and aestivum) and **NIVT 6B** samples from Vijapur, Indore, Powarkheda, Junagarh (CZ) and Dharwad, Niphad, Pune (PZ) will be analysed at **UAS, Dharwad**.
- **IVT (NHZ)** samples from Shimla, Almora and Malan will be analysed at ICAR-IIWBR, Karnal.

AVT and HYPT

- **AVT and HYPT samples** from all the centres mentioned in NIVTs and IVTs will be analyzed by ICAR-IIWBR, Karnal for various quality parameters including baking evaluation of IInd year entries.

Quality Components and Wheat Biofortification Nursery (QCWBN)

- **Quality Components and Wheat Biofortification Nursery (QCWBN)** samples will be analysed at ICAR-IIWBR, Karnal for grain appearance score, test weight, protein content, grain hardness index and sedimentation value, Fe and Zn content. **Hand threshed samples using cloth should be provided for Fe and Zn analysis separately.** Followings are the **13 centres** for providing samples of the nursery for quality analysis; Ludhiana, Karnal, New Delhi and Pantnagar (**NWPZ**); Sabour, Kanpur and Varanasi (**NEPZ**); Indore, PowarKheda and Vijapur (**CZ**) and Pune, Dharwad and Niphad (**PZ**)
- The last dates for supplying the samples by respective centres were finalised as follows:

NHZ	15 th June 2020
NWPZ & NEPZ	20 th May 2020
CZ	15 th May 2020
PZ	30 th April 2020
- All the wheat grain samples, duly cleaned and properly packed in polythene bags separately, enclosed in cloth bags should be sent by registered post parcel. The *T. dicoccum* samples should be sent after de-husking.
- All the co-operators, who will analyze the wheat samples of various NIVTs and Special Trials should send the data to ICAR-IIWBR, Karnal positively by 15th July, 2020, by e-mail in the format used in annual report.