

Tentative Work plan, 2019-20 (Wheat Quality)

The Work plan for 2019-20 includes recording data for grain appearance score, hectolitre weight, protein content (12% MB) and sedimentation value on all the entries of the three species, namely *T. aestivum*, *T.durum* and *T.diccocum*. Durum will also be analyzed for the incidence of yellow berry and yellow pigment in addition to the earlier mentioned traits. Yellow pigment will also be recorded on *diccicum*. The allocation of the work will be as under:

- Ludhiana** laboratory will analyze **NIVT 1A** (Irrigated Timely Sown). Samples from Ludhiana, Hisar, Durgapura, Delhi, Pantnagar (NWPZ), Kanpur, Pusa, Varanasi and Sabour (NEPZ) would be included.
- The Quality laboratory at **Durgapura** will undertake the analytical work for **NIVT 1B** (Irrigated Timely Sown) and samples from all those centers which have been identified for Ludhiana laboratory (NIVT 1A) would be analysed.



•**NIVT 2** (Irrigated Timely Sown) To be analysed by the centre at **Vijapur** for all the traits related to bread wheat.

Centres: Indore, Vijapur, Junagarh, Powarkheda (CZ), Dharwad, Pune, Ugar and Niphad (PZ).

•**NIVT 3A and 3B** (both Irrigated Late Sown) work will be looked after by **Pantnagar** quality laboratory.

3 A. Pantnagar, Hisar, Ludhiana, Durgapura, Delhi (NWPZ) & Pusa, Sabour, Kanpur, Varanasi (NEPZ) and

3B. Vijapur, Indore, Powarkheda, Junagarh (CZ) & Dharwad, Niphad, Pune (PZ) .

•**NIVT 4 A**: The samples of irrigated timely sown *T. durum* trial NIVT 4 will be analyzed by the quality laboratory at **Rahuri** for the traits related to durum samples

•Centres: Powarkheda, Junagarh, Vijapur (CZ) and Pune, Dharwad, Niphad, Ugar (PZ).

- **NIVT 5A** (Restricted Irrigation Timely Sown) entries from Pantnagar, Hisar, Ludhiana, Durgapura, Delhi (NWPZ), Pusa, Kanpur, Sabour, Varanasi (NEPZ) will be analyzed at **Hisar** laboratory. The centre will also undertake analytical work for salinity/alkalinity trials conducted at salt affected sites.
- **NIVT 5B** durum and aestivum trial (Restricted Irrigation Timely Sown) samples will be analysed by the laboratory at **Dharwad**.
The centres : Vijapur, Indore, Powarkheda (CZ) and Pune, Dharwad, Niphad (PZ).
All diccocom samples will also be analysed by Dharwad centre. The dehusked material will be from Dharwad, Pune, Arabhavi, Kalloli, Ugar (PZ).
- All the AVT samples from all the centres mentioned in NIVT, will be analyzed by **ICAR-IIWBR** for various quality parameters including baking evaluation of 11nd year entries.

•Quality Laboratory at ICAR-IIWBR, Karnal will analyse wheat samples of Special Trials and Quality Components and Biofortification Nursery (QCBN) for grain appearance score, test weight, protein content, grain hardness index and sedimentation value. The 10 centres conducting the nursery will be as follows; Ludhiana, Karnal, New Delhi and Pantnagar (NWPZ); Kanpur, Sabour and Varanasi (NEPZ): Indore, and Vijapur (CZ) and Dharwad and Niphad (PZ)

•The last dates for supplying the samples by respective centres were finalised as follows:

•NHZ & SHZ	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 IIWBR, Karnal positively by 15th July, 2020, by e-mail.

