

Single Floret Inoculation in Greenhouse

1. Inoculate wheat plants at flower stage
2. Vigorously shake the tubes with *F. graminearum* culture and inject 10 uL spores suspension into the floret of a central spikelet in a spike using a syringe.
3. Move inoculated plants into a moist chamber, misted inoculated spikes with tap water by using a hand misting bottle, water plant pots thoroughly, and seal the chamber completely to keep 100% humidity.
4. After 3-days of moist period, move plant to original benches and symptoms of infection (necrosis) should be visible on inoculated spikelets.
5. Inoculated plant will be grown at 18-27C with an average of 22C. Number of scabbed spikelets in a spike should be counted 21 days after inoculation and percentage of infected spikelets should be calculated to reflect FHB severity.

If you have further question about the protocol, please contact:

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