QuickGuide

TotalTarget for Sprout Damage

Wheat

PREPARATION

A

Before testing, turn on the incubator and set to **70°C** for a minimum of 10 minutes.



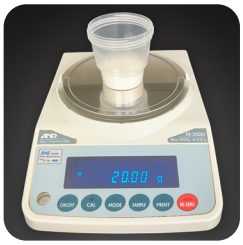
B

Collect and grind* a representative sample such that ≥95% passes through a 20-mesh sieve. **Ground too coarse or too fine may cause inaccurate results.**



C

Carefully weigh out a 20 gram sub-sample and add to a hard-walled container with a lid.



TEST PROCEDURE

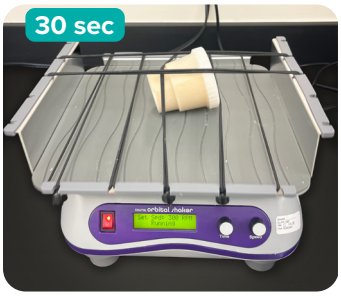
More detailed instructions in Product Insert

ACCLIMATION:

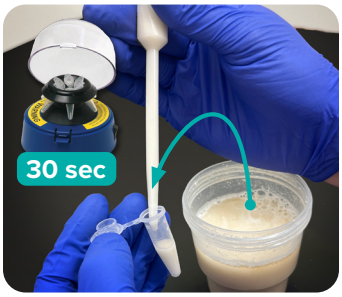
Remove kits from **4°C** storage and allow to warm to room temperature 30 minutes before daily testing begins.



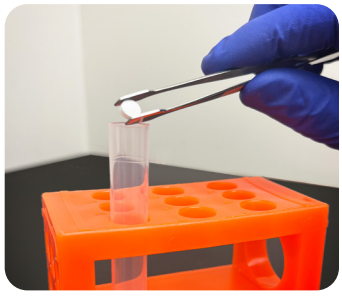
1 Add **100 mL** distilled, deionized, or bottled water to the extraction cup.



2 Seal extraction cup and shake on a mechanical shaker on high OR by hand for **30 seconds**.



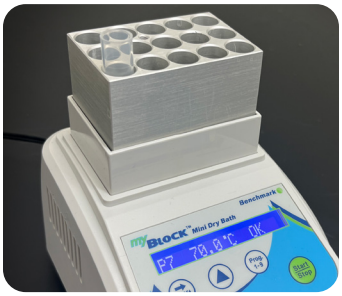
3 Transfer a portion of the extract to a centrifuge tube and spin for **30 seconds at 2000 x g**.



4 Place a clean reaction tube in a test tube rack and add a **Sprout Damage substrate pellet.**



5 Add **300 µL** of clarified extract into the reaction tube and then vortex for 15 seconds.



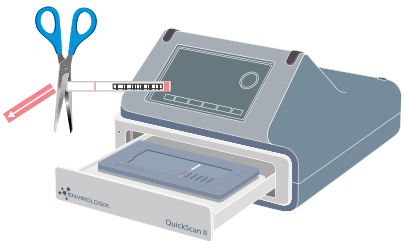
6 Immediately place the reaction tube into the 70° C incubator and **incubate for 90 seconds**.



7 When incubation is complete, **immediately add 300 µL of DB6** while the reaction tube is in the heat block. **Vortex for 3-5 seconds.**



8 Place reaction tube in test tube rack and **settle for 30 seconds** before adding the TotalTarget Sprout Damage strip. **Start a timer for 3 minutes**.



10 Remove strip from tube immediately after 3 minutes. Cut off and discard bottom pad with arrow tape.

Read promptly by inserting the strip into the QuickScan and clicking "Read Test"on the Main Menu.

MULTIPLE RESULTS IN SECONDS WITH QUICKSCAN

Read strips and combs from any test family simultaneously--more detailed instructions in the QuickScan User Manual

Doc. M437-1124

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