

QuickGuide

QuickStix Kit for QuickScan CP4 EPSPS in Alfalfa Ground Hay

AQ-045-AH

Sample Preparation



1. Collect a representative sample, mix well before subsampling.



2. Grind a subsample resulting in material that will pass a 40-mesh sieve.



3. This shows a one-minute grind compared to a 40-mesh sieved sample – use the finest material possible from the blender.

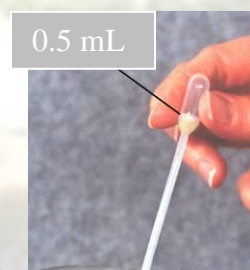
Test Procedure



4. After grinding sample, remove 1 gram and place in extraction vessel. Weigh out the ground material carefully.



5. Add 80 mL 1X Extraction Buffer and shake vigorously for 1 minute. Confirm all material is wet.



6. Transfer 0.5 mL to the Reaction Vial.



7. Tip sample cup if needed to avoid particulates when pipetting.



8. Add a QuickStix Strip to the Reaction Vial.

9. Wait 5 minutes; read the results.



Test Results

10. Remove strip from vial immediately after 5 minutes. Cut off and discard bottom pad with arrow tape, place in QuickScan carrier, face down.



Alternatively, strip may be read visually at this point. A visible pink test line will appear if the sample contains 0.1% CP4 EPSPS or more



11. Slide carrier in and click "Read Test" on main menu. Results Screen will appear when scanning is complete. Enter sample identification data and use buttons to save or print report.

