

QuickGuide

AQ/AS 010 BGB, AQ/AS 014 BGB, AQ/AS 050 BGB, AQ/AS 076 TC

GMO

Soybean Bulk Grain



1. Determine sample weight and grinding method. Weigh sample into an appropriate container.

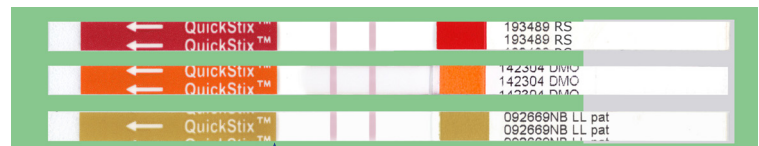
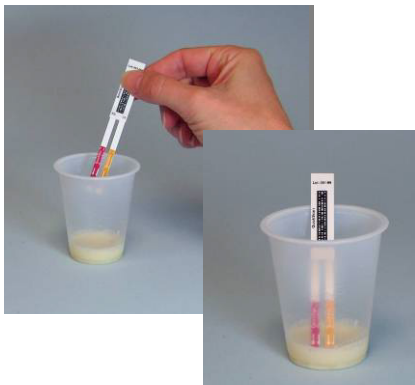


2. Grind soybeans until finely ground, product insert gives grind times for various methods.



3. Measure water using the Soybean Common Extraction™ (1:5). Add to container, cover and shake to wet entire sample.

4. With pipette, remove 12 mL sample from liquid on top (about 3 pipettefuls, avoid particulates), dispense into a reaction cup. (Note: AS/AQ-050-BGB utilizes a 2 mL reaction vial rather than a cup; fill vial to rim and insert strip.)



Cut here Test Line Control Line



5. Insert comb or strip into the liquid in the cup. Wait 5 minutes, then read the results, either visually or with QuickScan.

Protein/Trade Name	Sensitivity Visual	Sensitivity QuickScan
CP4 EPSPS / Roundup Ready	1 soybean in 1000 (0.1%)	1 soybean in 400 (0.25%)
DMO / RR2 Xtend	1 soybean in 400 (0.25%)	1 soybean in 400 (0.25%)
PAT/pat / LibertyLink	1 soybean in 200 (0.5%)	1 soybean in 200 (0.5%)