



AFLATOXIN, VOMITOXIN, ZEARALENONE AND FUMONISIN TEST KITS

Aflatoxin is a naturally occurring carcinogen and is a by-product of mold growth in a wide range of commodities. It can be produced pre-harvest in the field and post-harvest in storage. Stress conditions on the plant during high heat and drought conditions contribute to the development of these molds. It is essential that grain handlers know what levels of Aflatoxin might be present in the grain they are receiving. As an example, the maximum allowable limit set by the USDA is 20 ppb for dairy.

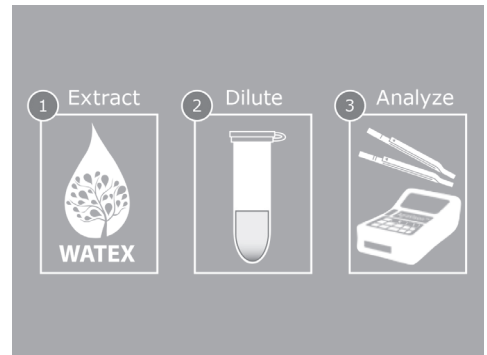
Seedburo provides the following test kits for the detection of mycotoxins: AgraStrip® and AgraStrip® WATEX® lateral flow devices.

The AgraStrip® test kits are ready-to-use lateral flow devices (LFD) for on-site testing. These allow a rapid analysis of a wide range of food and feed samples with an assay time of three minutes. Available for aflatoxins (B1, B2, G1, G2), deoxynivalenol, zearalenone and fumonisins (B1, B2, B3).

The AgraStrip® WATEX® is a fast and reliable water-based mycotoxin test kit that enables the testing for multiple mycotoxins from the same sample extract.

Quantitative (ppb or ppm readings) are used with the Agra Vision™ reader to provide consistent results for documentation. These test kits come complete with strips, antibody-coated microwells, an assay buffer, pipette tips and Whirl-Pak® bags.

Please consider the following points to find out which Mycotoxin testing solution is best suited for you.	
What is the commodity(ies) being tested?	
Which Mycotoxin are you concerned about?	
Which method? Qualitative or Quantitative?	
If Qualitative, what is the cut off level: 4ppb, 10ppb, 20ppb?	



The fast and simple AFLA, DON, ZON, and FUM method.

Aflatoxin Test Kits (STORE TEST KITS AT 2–25°C)

Qualitative Kit Recommendation (Screening for Pass/Fail):

AgraStrip® for Aflatoxin Screens at 4 ppb, 24 Tests..... No. COKAS1100U	Single Tube Holder for Vortex Mixer..... No. EQOLE1336
AgraStrip® for Aflatoxin Screens at 10 ppb, 24 Tests... No. COKAS1200U	Digital Scale, 420g x 0.1g, AC Power Supply Included.....No. SPX421
AgraStrip® for Aflatoxin Screens at 20 ppb, 24 Tests... No. COKAS1000U	Graduated Cylinder, 100ml..... No. EQOLE1050
4L Extraction Solution, 70/30 Methanol/Water..... No. COSST7004 ³	Digital Timer..... No. EQOLE1302
1L Extraction Solution, 70/30 Methanol/Water..... No. COSST7001 ³	Mini Pipette, 50µL.....No. COOLS1153
20L Extraction Solution, 70/30 Methanol/Water..... No. COSST7020 ³	Filter Paper, pkg. 100.....No. COOLS1080
Vortex Mixer with Timer, 120V..... No. EQOLE1335	Mill Series II, 115V..... No. EQMMS2010

Optional Substitute for Hand Shaking

Quantitative Kit Recommendation (Actual ppb Reading):

AgraStrip® WATEX® for Aflatoxin Screens at 0–500 ppb, 10g extraction, 24 Tests..... No. COKAS1600WS ¹
AgraStrip® WATEX® for Aflatoxin Screens at 0–500 ppb, 50g extraction, 24 Tests.....No. COKAS1600W ^{1,2}

¹Agravison Reader required ²USDA/AMS approved ³Flammable, ships ground only