

Contact Information

Firm Name:

Main office phone:

Physical address *(for FedEx deliveries)*:

Primary contact:

Email:

Phone:

Secondary contact:

Email:

Phone:

Additional information (i.e., satellite storage facilities, etc.):

Participation *(include additional pages as necessary)*

1. Which toxin(s) will your firm will test under the One Sample Strategy? *(choose one or both below)*

Aflatoxin: At what **Aflatoxin** level is grain rejected by your firm? _____ ppb

Fumonisin: At what **Fumonisin** level is grain rejected by your firm? _____ ppm

2. Does your firm segregate all grain by toxin level(s)? YES NO

3. Will your firm issue official results for crop insurance purposes? YES NO

Note: Computer & E-mail address are required to issue certificates

4. Where will truckloads be tested? Inbound Outbound Both

5. What is your testing frequency? All loads Some loads Composite *(See Page 3)*

6. Describe or illustrate the probe pattern(s) followed by your firm to collect a representative sample:

Equipment and Methods

Please describe the equipment your firm has allocated for the One Sample Strategy. Refer to GIPSA's approved equipment list and the brand-specific equipment & supplies required for each test kit in the GIPSA Aflatoxin Handbook.

	Item	In Place	Ordered	N/A	Manufacturer/Part #
SAMPLING	6' spiral hand probe				
	hydraulic probe				
	Sampling containers				
	Grain test scale <i>(to check weight of min. 5 lb. sample)</i>				
GRINDING/SUBSAMPLING	Gram scale near the grinder <i>(to weigh 100g for grinder check)</i>				
	20 wire mesh sieve				
	Boerner or cargo grain divider & 2 pans <i>(optional equipment used to reduce samples larger than 10-pounds)</i>				
	Mill capable of producing ≥70% fines				
	Subsampling equipment (aka riffler)				
TESTING	AFLATOXIN Rapid test kit * Refer to GIPSA PART #				*
	FUMONISIN Rapid test kit * Refer to GIPSA PART #				*
	Ability to print rapid test kit results				
	Calibration set <i>(If not included with kit)</i>				
	Rapid test kit accessories <i>(e.g., multi-channel pipette; air pump, etc.)</i>				
	Methanol (or Ethanol)/Water <i>(if provided by commercial supplier)</i>				
	Laboratory Scale <i>(minimum division of 0.1 grams)</i>				
	50 gram weight standard				
File sample bags					

Comments

Please describe any other methods that are unique to your operation.

Composite Sampling Scheme

Please describe sampling frequency, equipment, and composite sample labeling/identification method, etc. For example, first truck out of every field is sampled; if the load tests below X ppb (i.e., level rejected by firm), the next 3 semi-trucks or 6 bobtail trucks from the same field will be sampled as a composite; composite sample will be collected in a 5 gallon bucket and identified by a scale ticket with the farmer's name and field number; and composite sample will be reduced with a Boerner divider before grinding.

Note: For composite samples, a minimum of 10 lbs. is required for grinding. Official aflatoxin results for crop insurance cannot be issued for composite samples.

Please send the completed plan by email, fax, or postal service to the address below. You'll be contacted you by email to confirm acceptance of your application.

Mary Sasser
P.O. Box 3160
College Station, Texas 77841
Email: mary@otsc.tamu.edu
Phone: (979) 845-1121
Fax: (979) 845-1389