**Annex**

**FAO-Texas A&M**

**Aflatoxin Proficiency Testing and Control Programme**

Subscription Application for 2016

We, as a participating laboratory, request subscription for our laboratory in the Aflatoxin Proficiency Testing and Control Programme. As a subscribing laboratory, we ensure that the analysts who assay the proficiency samples in this laboratory are fully informed of the instructions given on the reporting form before the analysis is started. Whenever possible, the analysis who usually performs a given analysis will assay the check sample.

Permission is hereby granted for publication and inclusion of these results in subsequent statistical treatments and reports by FAO-Texas A&M. We will endeavor to perform two aflatoxin analyses for each of the proficiency samples and send the results to TAMU (tjh@otsc.tamu.edu) on the required form within the prescribed time.

It is agreed that the laboratory will cover the cost of aflatoxin analysis. It is further agreed that there is NO subscription fee to participate in the programme.

We confirm that our laboratory analyze samples for total aflatoxin and/or aflatoxin B1.

**FAO-Texas A&M Responsibility**

The FAO-Texas A&M programme includes sending a two proficiency samples in one year. In particular, a single 100+ g sample will be mailed by FAO twice a year. Participants are expected to analyze a 50 g portion, twice for each sample and report both results. Eligible participants include grain milling and grain handling firms, feed manufacturing industry, government laboratories and educational institutions. The total number of participants is limited to 60. Results for total aflatoxin and aflatoxin B1 will be reviewed for outliers before the assigned value, range, and standard deviation of the results are calculated. The Z value for each laboratory will be calculated and reported. Texas A&M and FAO will not divulge the identity of programme participants. Texas A&M and FAO will respond to participant questions and work with laboratories to help address big variations upon request.

**Grain Samples for Proficiency Testing**

The grain samples containing naturally occurring aflatoxin used for the proficiency program are analyzed and prepared by the Office of the Texas State Chemist at Texas A&M AgriLife Research. Samples are analyzed using high performance liquid chromatography and the relative standard deviation for the proficiency samples calculated prior to their incorporation into the proficiency program. The Office of the Texas State Chemist is ISO 17025 accredited for aflatoxin analysis using this procedure. The standard operating procedure (SOP) for preparing the control samples used in this proficiency test is included as an appendix.

**Contact Information**

Tim Herrman PhD

Professor, State Chemist and Director

Office of the Texas State Chemist

Texas A&M AgriLife Research

[tjh@otsc.tamu.edu](mailto:tjh@otsc.tamu.edu)

**Please provide the following information (do not fill with hand, type-in the information sought and send as a word file and not as pdf) to** [**Harinder.Makkar@fao.org**](mailto:Harinder.Makkar@fao.org)

**Type of analyses being conducted by the laboratory**

Total aflatoxin (please tick if applicable): \_\_\_\_\_\_\_\_\_

Aflatoxin B1 (please tick if applicable): \_\_\_\_\_\_\_\_\_\_\_\_

Total number of samples analyzed per month: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Participant Information**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Laboratory Contact Person: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Laboratory Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mailing Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

State/Province:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Zip or Postal Code:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Country:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone Number:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ FAX Number:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Contact email address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Aflatoxin Testing Entity Designation** (tick that apply)

\_\_\_Cereal Miller, \_\_\_ Grain Handlers/Storage, \_\_\_Government, \_\_\_Research, \_\_\_\_\_\_Feed manufacturing industry.

**Type of Aflatoxin Testing Platform**

1. If HPCL, list:

Manufacturer Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Model: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Methodology (reference): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. If Test kit, list

Manufacturer Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Test Kit Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Reader/Model: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_