

**Press release: IPPE Feed**

## **Fully automated mycotoxin tests hold key to efficiency gains in feed production**

The IPPE event is always great for discovering new ways to improve efficiency and profit in feed milling. Nonetheless, the potential upside can only be achieved if we can count on the quality of raw material entering the supply chain.

This is where analytical solutions fill a vital role in controlling mill intake and ensuring that millers can achieve the best possible results from the constantly varying quality of incoming deliveries.

### **Up to six mycotoxins in one go**

Just one of the analytical solutions on show at the FOSS booth at IPPE is an instrument that can test feed materials for multiple mycotoxins at the touch of a button.

Managing mycotoxin risk is becoming more important as extreme weather-events help mycotoxins to thrive. However, many test methods involve complex manual steps such as pipetting, timing, weighing, mixing and shaking. All of this is time-consuming and can lead to the risk of human error and inconsistent results.

With the MycoFoss instrument, users simply place a ground sample in the instrument and select the appropriate test on a touch screen display. Results for mycotoxin risks such as DON, FUM, AFLA, ZEN, OTA and T-2 are delivered within eight minutes and a multiplex option allows up to six mycotoxins to be tested in one go. <https://www.fossanalytics.com/en/products/mycofoss>

### **Infrared double-act for rapid testing throughout feed production**

In addition to mycotoxin testing, visitors can learn about the many quality control options provided by latest generation near infrared (NIR) solutions. These can test a range of samples such as corn, grain, powders and feed pellets for multi-parameters in under a minute, often without any sample preparation.

Among these, the IP65 certified NIRS DA 1650 is purpose built for feed operations. It withstands vibration, dust or spills that can occur during regular use by plant operators. It delivers results in under a minute in an ambient temperature range of 5-40 °C and ambient humidity <93% RH. <https://www.fossanalytics.com/en/products/nirs-da1650-feed-analyser>

The NIRS DS3 is a complete NIR solution that supports all aspects of your analytical operations from calibration development to measurement and data integration. It can perform multi-parameter tests with exceptional accuracy on unground or liquid material including compound feed, grains, cereals, vegetal protein meals, vegetal by-products and animal by-products without sample preparation. <https://www.fossanalytics.com/en/products/nirs-ds3-feed>

Drop by FOSS booth B5313 to learn more.

##

FOSS North America, Inc. 6509 Flying Cloud Dr, Ste. 130 Eden Prairie, MN 55344

Tel (952) 974-9892 | Fax (952) 974-9823

E-mail [info@fossna.com](mailto:info@fossna.com) | Main web: <http://www.fossanalytics.com>

On-site contact: John Folino, [jfolino@fossna.com](mailto:jfolino@fossna.com) or Ashley Gierok, [agierok@fossna.com](mailto:agierok@fossna.com)

Marketing contact: Dan Lindhorst, [dlindhorst@fossna.com](mailto:dlindhorst@fossna.com)