

TRAINING AND CERTIFICATION SCHEDULE

November 7, 2018

Building Name_Location - UNL

8:30 a.m. Ultrasound Training For BF, LMA, & IMF

12:30 p.m. Hands on scanning experience

November 8

Building Name_Location_UNL

8:30 a.m. Ultrasound Training for BF, LMA & IMF

12:30 p.m. Hands on scanning experience

November 9

Building Name_Location_UNL

7:30 a.m. Certification

Drinks, Snacks and Lunch will be provided each day. Once you have completed your certification rotation you are free to leave.

POINT OF CONTACT

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Cancellation Policy: Customers canceling a registration or changing course dates held at Biotronics, Inc. must do so at least 10 business days in advance in order to avoid paying a 50% cancellation fee. If cancellation notice is received less than 5 business days prior to the course date, the cancellation charge will be 100% of the training fee.

National Ultrasound Training and Certification Conference

*Sponsored by:
University of Nebraska at Lincoln,
Biotronics, Inc.,
and IMV Technologies*

**November 7, 8, and 9, 2018
University of Nebraska at Lincoln**



NSIF Ultrasound Training and Certification Conference

PURPOSE

The purpose of the National Swine Improvement Federation (NSIF) Ultrasound Training and Certification Conference is to:

1. Develop and sharpen technician skills using ultrasound to measure two body composition traits, backfat depth (BF) and loin muscle area (LMA) and the quality trait of intramuscular fat (IMF) in live swine.
2. Grant NSIF certification to technicians who meet minimum standards, and
3. Provide an educational forum for the discussion and standardization of live animal measurement for the improvement of accuracy of measurement for BR, LMA and IMF. Guidelines for certification have been established by the NSIF Certification Committee.

WHO SHOULD ATTEND

Persons interested in learning more about measuring backfat thickness, loin muscle area, and intramuscular fat percentage using ultrasonic scanning procedures and/or achieving NSIF certification status should attend this certification conference.

Persons who become certified will retain their certification status for a period of two years. The training on November 7 and 8 will include measuring BF and LMA with the majority of the time spent on estimation of IMF including capture and interpretation of images.

LOCATION

Training and certification will be held at the University of Nebraska in Lincoln at the Animal Science Complex on East Campus. A map will be e-mailed to all registered attendees.

WHAT TO BRING

Each participant in the certification program on November 9 is responsible for providing their own ultrasound equipment, image recording device, 110V electrical terminal strip, viewing monitor, oil, etc. to collect and interpret ultrasound images. We do have a limited number of Exago consoles for rent.

WE WILL PROVIDE

We will provide twenty-five live pigs for scanning, restraining facilities, and personnel to assist in handling and moving pigs, and 110 volt grounded power supply to each participant.

REGISTRATION

Registrations are due by October 15th, 2018 and should be made payable to Biotronics, Inc. You can pay by credit card or check.

Please go to www.biotronics-inc.com to fill out the registration form.

Fees are as follows:

- Certification & Training (BF & LMA only) \$850
- Certification & Training for BF, LMA, and IMF \$1050
- Registrations made after October 15th, 2018 \$1250

NATIONAL SWINE IMPROVEMENT FEDERATION CERTIFICATION



CERTIFICATION PROCEDURES

Twenty-five pigs will be used for the scanning practicum. Each participant will scan and estimate backfat, loin muscle area, and intramuscular fat on all 25 pigs twice. Carcass data will be collected on all pigs scanned and compared to each participant's estimates to determine certification status. Two reference technicians will be used for the IMF portion of certification. The statistics used will be standard deviation of prediction, standard deviation of the difference, and bias.

ACCOMMODATIONS

Please make your own hotel reservations. A directory of Lincoln and surrounding area motels/hotels can be found at: <http://lincoln.bookdirect.net/#/lodgings?checkin=20181105&checkout=20181108>

The University of Nebraska at Lincoln does have a block of rooms at a reduced rate at the New Victorian Suites. Additional information is available on Facebook.

RESULTS

Results of the certification conference will be mailed to each attendee. A list of those persons achieving certification status will be distributed to the National Swine Improvement Federation.