

# SWINE SCOOP

May 2022

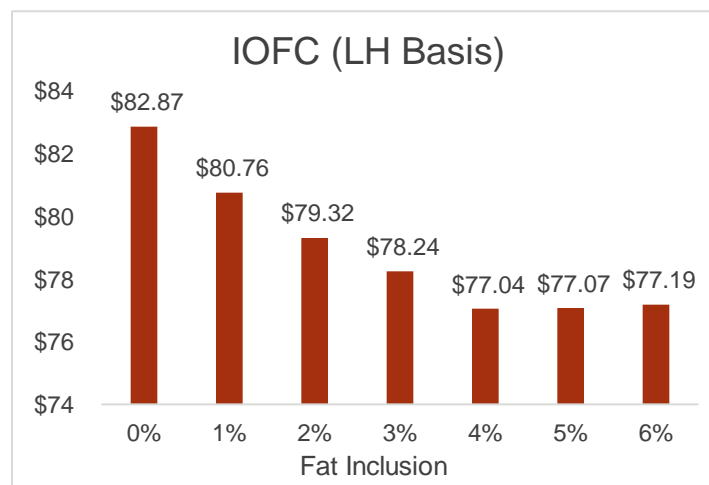
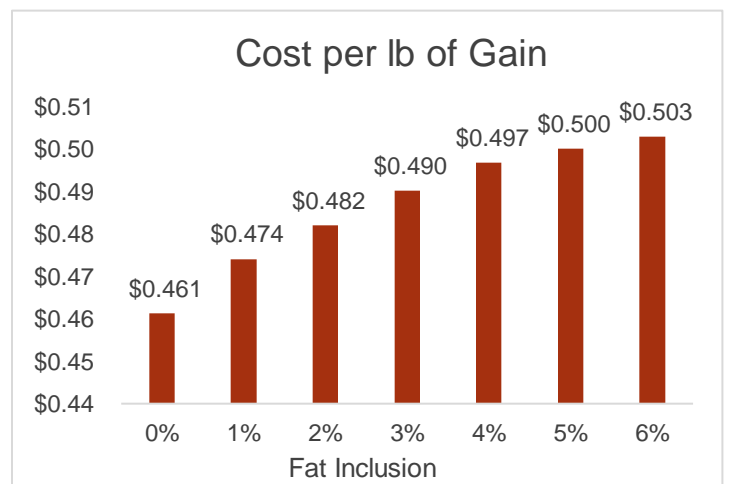
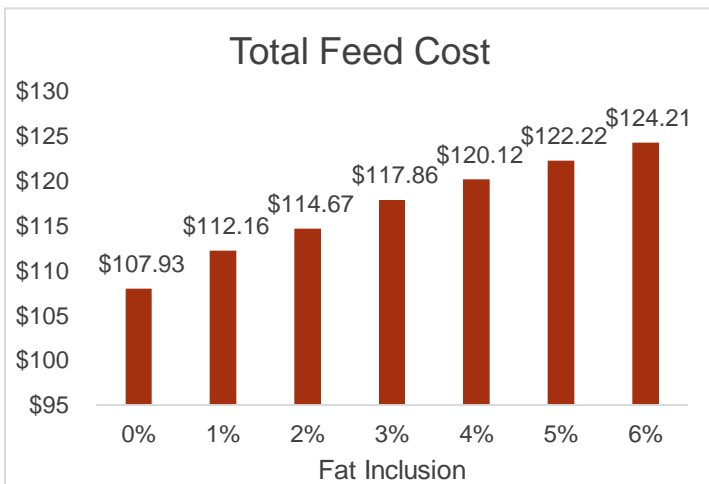
## PREPARING FOR SUMMER

While the cold and rainy days here in the Midwest continue as we move into May, summer and warm weather are soon to follow. Before those hot days arrive, here are some strategies to assist in the transition.

### Feeding strategies to increase performance in times of high feed cost\*

Summertime feeding brings lower intakes and reduced growth rates. Feed costs have increased significantly over the past year causing us to analyze multiple different strategies to improve growth. Here are some approaches related to feed to assist in improving growth during the summer heat:

- Increase energy concentration in the diet through addition of fat
  - See charts below to show the differences in total feed cost, cost per pound of gain, and income over feed cost (IOFC) when utilizing varying levels of fat in the diet. These are average performance diets for pigs 50# to market, on a fixed time basis, with no usage of DDGS. Prices used: \$8.15/bu Corn, \$460/ton SBM, and \$0.75/lb fat. October futures market: Lean Hog \$91.325/cwt.



- Increase usage of synthetic amino acids along with reducing the inclusion of soybean meal, DDGS and other low energy, high fiber ingredients, thus increasing the energy concentration in the diet and reducing the heat increment of digestion.
- Other growth-promotion strategies
  - Copper: increase in the diets to a level of 250 ppm.
  - Purina® ProBuild™ GTP: 0.5-1lb inclusion for pigs 50-200lbs for a 1.4% improvement in FG.
  - Ambitine®: 2lb inclusion for the last 60-90lbs of weight gain for a 2.6% improvement in FG.
  - Flavomycin®: 2-4 g/ton use throughout the grow-finish period for an improvement in FG.
  - Skycis®: 18.1-27.2 g/ton use throughout the grow-finish period for an improvement in FG.
- Summer is the most common time for feed to bridge up in bins and feeders. Keep an eye out for bridging to help reduce the number of out of feed events.
- Continue to manage feeders throughout the summer and keep a 50% pan coverage.

## Environmental strategies to reduce heat stress

- Double check ventilation and continue maintenance throughout the summer.
  - Make sure all fans, curtains, air inlets, and cooling systems are working properly
  - Tighten stage differentials – if normally set at 2° reduce to 1° in the summer
  - Rule of thumb: Turning sprinklers on for 2 minutes gets ~60% of the pen to get wet
- Check water access and ensure that minimum flow rates throughout the barn are achieved.
  - Nursery: 1-1 ½ cups per minute; Grow/Finish 2-4 cups per minute; Gestation/Lactation: 8 cups per minute
- Make sure pigs have enough space, at least 7 sq ft per pig, and are not overcrowded.
- Reduce movement, when possible, especially during the daytime hours.

### UPCOMING EVENTS

- World Pork Expo: June 8-10, 2022
- Iowa State Swine Day: June 30, 2022
- National Pork Industry Conference:  
July 10-13, 2022
- Purina Swine Summit: August 2-4, 2022

\*All producers have their own assessment as to what is economical for their farm. Please consult with your nutritionist to determine the best route for individual success.

®Purina ProBuild is a registered trademark of Land O' Lakes

®Ambitine is a registered trademark of PMI Feed Microprocessors™

®Flavomycin is a registered trademark of Huvepharma EOOD

®Skycis is a registered trademark of Elanco™

#### **Katelyn Zeamer**

Swine Technical Sales Specialist and Formulator

kzeamer@landolakes.com

920.676.5890

