# Cornell Cooperative Extension

# **Implementing Practical Genetics** for the Commercial Dairy.

# **Every Wednesday from Feb 16 until March 16th.** 12:00pm to 12:45pm EST

This webinar series will be presented entirely by Dr. Heather Huson, Faculty, Dept. of Animal Science, Cornell University.

Based on Dr. Huson's Applied Genetics course this program will give participants an understanding of how to use genetic information to reach their herd goals. An optional in person session will provide an opportunity for hands on practice with genetic analvsis tools.

## Feb 16, 12:00pm -1:00pm

#### Overview of Genetic Evaluations Data Review

Overview of how to obtain genetic evaluations for your herd including individual traits, targeted indexes, total performance indexes and what is included in the results.

### February 23, 12:00-12:45pm

## Inbreeding and Crossbreeding

Discussion on how to manage inbreeding, the effects of inbreeding depression, and how crossbreeding can be utilized.

# March 2nd, 12:00-12:45pm

# Management and Decision Making

Overview of how genetic evaluation results can be used in management decisions.

# March 9, 12:00-12:45pm

## **Marketing and Industry Impact**

How genetic evaluations are used in marketing, including details you should ask, and ways to select and market your own animals.

#### March16, 12:00-12:45pm

Examining genetic evaluation data, creating personalized indexes, and how to use this in management strategies.

Must attend this session to participate in the in-person workshop.

# In Person Workshop

# 10am-2pm.

Lunch provided.

Opportunity to work with real data in basic excel sheets and in different industry software packages.

March 30 - Morrison Hall Cornell University, Ithaca NY.

SUNY ATTAIN Lab in Perry NYdate to be determined.

This program has been made possible by the following generous sponsors.

**ASAP Interiors** CHR HANSEN **Dairy Herd Management Services** 

**FeedworksUSA Keseca Veterinary** Clinic

Farm Credit East

Lutz Feed **Perry Vet Clinic Zinpro** 

**Pre-registration is** required. Registration fee is \$50.

# REGISTER

**Questions? Contact your Regional Dairy Specialist** or Kathy Barrett at kfb3@cornell.edu.