

**VMP 991-135**  
**Parasite Control in Sustainable/Organic Agriculture**

**Swine Production**

**Wednesday, April 25**

Leave CVM at 7:30 am for [MAE Farm](#) (A farrow-to-finish swine farm) in Louisburg. Interview owner/operator Mike Jones and collect fecal samples from sows, weaned piglets and finishing pigs on pasture. Observe for signs of lice / mite infection and fly problems.

Return to CVM teaching lab to analyze samples using [McMasters](#) and [Centrifugation Technique](#) Discuss results.

**\*\*\* For bio-security of the host farm --- Please do not visit any swine farms over the weekend. \*\*\***

**Host Farm**

- [MAE Farm](#)
- [Facility image](#)
- Previous Reports
  - [2017](#)
  - [2016\\_fall](#)
  - [2016\\_spring](#)
  - [2016 Rollins report](#)
  - [2015](#)
  - [2014](#)
  - [2013](#)
  - [2012](#)

**Articles for Discussion**

- [2010 -- Performance of Anthelmintic Free Swine](#)
- [1997 -- False-positives in Ascaris Diagnoses](#)
- [2011 -- Helminths of Pigs: New Challenges](#)
- [2010 -- Chicory Roots](#)

**Supplementary FYI**

- [2010 -- Nematophagous Fungi](#)
- [2002 -- Helminths in Danish Organic Swine Production](#)
- [1999 -- Helminths of Pigs: Transmission & Infection Levels](#)
- [1997 -- Transmission of Helminths of Pigs on Pasture](#)
- [ATTRA - National Sustainable Agriculture Information Service](#)
  - [Hog Production Alternatives](#)
  - [Hooped Shelters for Hogs](#)
  - [USDA Organic Swine Regulations](#)
  - [Markets for Alternative Pork](#)
  - [Small Scale Livestock](#)