

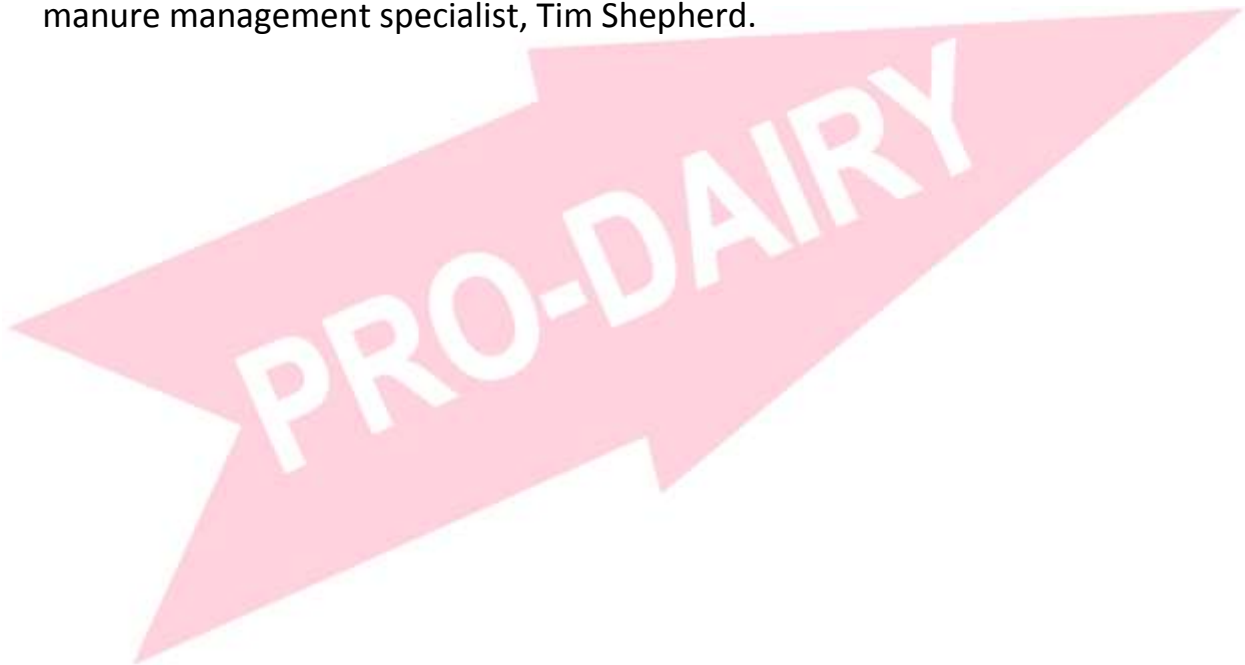
## **Manure Management Systems and Technologies Tour**

*August 9, 2010*

Join us prior to [Empire Farm Days](#) for a tour of manure management systems and technologies on three Western New York dairies. Drive yourself and pick the manure management systems and farms which interest you the most!

Tours are free. Please RSVP by August 6th to [dmconf@cornell.edu](mailto:dmconf@cornell.edu).

Seminars at the farms are coordinated by DairyBusiness Communications, Northeast Dairy Producers Association, and PRO-DAIRY, and will be moderated by manure management specialist, Tim Shepherd.



## Agenda

- 10:00 a.m. Noblehurst Farms, Pavilion, NY  
Meet us at the host farm for an introduction the day's events. Then, three focus modules will combine producer experience with extension research to showcase how each system fits into farm management. Noblehurst, a 1500-cow dairy farm, has operated an anaerobic digester since 2003 and has bedded with manure solids since 2006.  
*Participants can choose two of the following modules:*
- Bedding with Manure Solids – Strategies for Success
  - Mortality Composting – Demonstration and Discussion
  - Anaerobic Digestion – Past, Present, and Future
- 12:30 p.m. Finish the Noblehurst tour, grab lunch on your own, and choose your next destination. Participants choose between tours of a sand-bedded or a fiber-bedded dairy, to view and discuss management specific manure systems.
- 1:30 p.m. Mulligan Farm, Avon, NY  
*Managing Manure with Sand Bedding:* When Mulligan Farms expanded to 1,300 cows, updating their manure handling system was a necessity. Over the last 3 years the farm has converted to a flush-flume system complete with a sand lane for bedding recovery and mechanical separation for fiber removal. This spring they implemented a drag line system for land application.  
*The following modules will be presented:*
- Sand Lane Management – Recovering Sand Successfully
  - Drag Line Manure Application – Demonstration and Discussion
  - Liquids, Solids, and Nutrient Management
- Van Slyke's Dairy Farm, Portageville, NY  
*Managing Manure with Fiber Bedding:* Van Slyke's currently milks 1,250 cows. In 2008, they began construction of a manure handling system which incorporates solid-liquid separation producing BRU processed solids for bedding and compost for commercial sale. The flexible system is designed for herd expansion, and is capped off with a new construction covered manure storage system providing a one-year storage capacity.  
*The following modules will be presented:*
- Manure Solids Separation and Management
  - Manure Storage Cover – Odor Control and More
  - Cover Crops, Manure Injection, and Nutrient Management

## Host Farms

Noblehurst Farms  
1790 Craig Rd.  
Pavilion, NY 14525

Mulligan Farm  
5403 Barber Rd.  
Avon, NY 14414

Van Slyke's Dairy Farm  
7058 Lamont Rd.  
Portageville, NY 14536

### **Accommodations** at the Farms:

- **Parking** please follow the signs at each farm to designated parking areas
- **Water** will be supplied at each farm. if you need
- **Special accommodations**, the tours are on foot please contact Tim Shepherd

Lunch will not be provided, but there will be time allotted during travel to the 2<sup>nd</sup> Farm. Check the **Driving Directions** section for restaurant locations.



## Driving Directions

**Noblehurst Farms:** 1790 Craig Rd, Pavilion, NY 14525

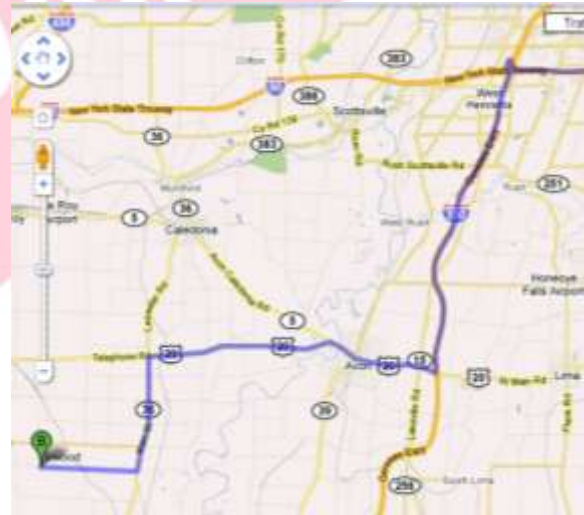
### From Batavia, NY:

- Head Southeast on NY-63 South (12 mi.)
- Turn Left on County Road. 12 (York Rd.) (3.5 mi.)
- Turn Right on County Road 58 (Stewart Rd.) (1 mi.)
- Turn Left on Craig Rd. (Farm is on right)



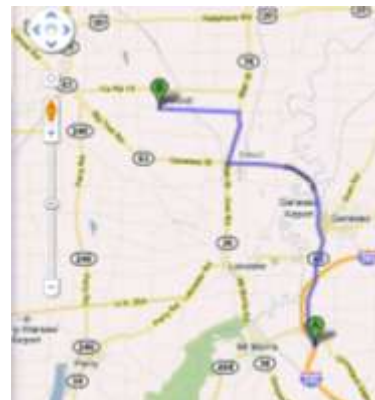
### From I-90 (East of Rochester, NY):

- Head South on I-390 (10 mi.)
- Take Exit 10 for NY-5/US-20 towards Avon
- Turn Right on NY-5/US-20 W (2.5 mi.)
- Follow NY-5/US-30 W through the traffic circle (1 mi.)
- Turn Left on Telephone Rd/ US-20 W (6 mi.)
- Turn Left on Main St/ NY36S (4 mi.)
- Turn Right on Craig Rd (3 mi. on Left)



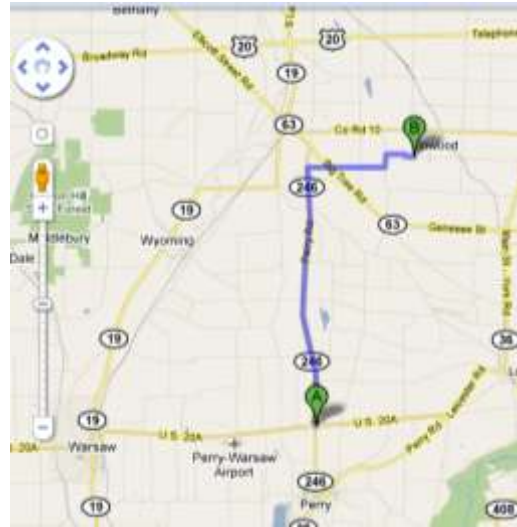
### From I-390 (South of Geneseo, NY)

- Take I-390N Exit 7 for NY-408/Geneseo toward NY-63 (0.5 mi.)
- Turn Right at Mt. Morris-Geneseo Rd/ NY-408N (1.1 mi.)
- Continue onto NY-63N Follow through Geneseo (9 mi.)
- Turn Right on Main St/ NY-36N (2 mi.)
- Turn Left on Craig Rd (3 mi. on Left)



### From Perry Center

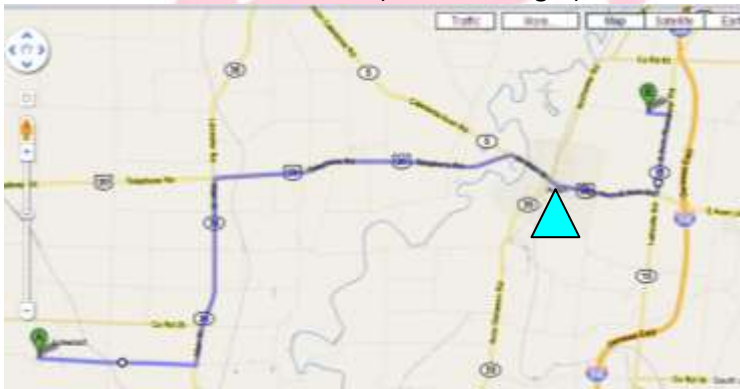
- Head North on Perry Rd/ NY-246N (7.5 mi.)
- Turn Right on Boyd Rd (2.2 mi.)
- Turn Left on Orr Rd/Peoria Rd (0.5 mi.)
- Turn Right on Wolcott Rd (0.5 mi.)
- Wolcott Rd becomes Craig Rd/ Co Rd 58 (Farm is on Left)



**Mulligan Farm** 5403 Barber Rd, Avon, NY 14414

### From Noblehurst Farms

- Head East on Craig Rd (3 mi.)
- Turn Left on Main St/ NY-36N (4 mi.)
- Turn Right on Telephone Rd/ US-20 E (6 mi.)
- Continue thru the traffic circle on E Main St/NY-5/US-30 W (2 mi.)
- Turn Left on E Avon Rochester Rd / W Henrietta Rd / NY 15N/E (1.5 mi.)
- Turn Left on Barber Rd (0.5 mi. on Right)



▲ Tom Wahl's  
283 East Main Street  
Avon, NY 14414

▲ Mc Donald's  
250 East Main Street

Avon, NY 14414

▲ Subway  
280 East Main Street  
Avon, NY 14414

## Directions to Van Slyke Farm 7058 Lamont Rd Portageville, NY 14536

### From Noblehurst Farms

- Head West on Craig Rd (0.5 mi.)
- Craig Rd turns left and becomes Wolcott Rd (0.5 mi.)
- Turn Left on Orr Rd/Peoria Rd (0.5 mi.)
- Turn Right on Boyd Rd (2 mi.)
- Turn Left on Perry Rd/NY-246S (10 mi.)
- Slight Right on S Main St/NY-39W Follow NY39W (11 mi.)
- Turn Left at Lamont Rd/ Co Rd 29 (2 mi. on Right)



- ▶ Perry Food Market and IGA  
121 North Center Street  
Perry, NY 14530
- ▶ Subway  
2 South Center Street  
Perry, NY 14530
- ▶ Al's Sub and Pizza Shop  
104 N. Main St  
Castile, NY 14427

## Lodging

Quality Inn  
4242 Lakeville Road, Geneseo NY  
(585) 243-0500

Country Inn & Suites by Carlson Mount Morris  
130 North Main Street, Mt Morris, NY  
(585) 658-4080

Hampton Inn Batavia, NY  
4360 Commerce Drive, Batavia, NY  
(585) 815-0475

Ramada Limited  
8204 Park Road, Batavia, NY  
(585) 343-1000





## Speakers

Tim Shepherd – Cornell University, PRO-DAIRY Program  
Manure Management, Manure Treatment Technologies  
<http://www.ansci.cornell.edu/prodairy/staff/shepherd.html>

Curt Gooch- Cornell University, PRO-DAIRY Program  
Anaerobic Digestion, Manure Management, Facilities Design  
<http://www.ansci.cornell.edu/prodairy/staff/gooch.html>  
<http://www.manuremanagement.cornell.edu/>

Quirine Ketterings – Cornell University, Dept. of Animal Science, Nutrient Management Spear Program  
Nutrient Management, Soil Fertility  
<http://www.ansci.cornell.edu/faculty/ketterings.html>  
<http://nmsp.cals.cornell.edu/>

Jean Bonhotal – Cornell University, Dept. of Crop and Soil Sciences, Cornell Waste Management Institute  
<http://cwmi.css.cornell.edu/Bonhotal.htm>  
<http://cwmi.css.cornell.edu/>

Mary Schwarz – Cornell University, Dept. of Crop and Soil Science, Cornell Waste Management Institute  
<http://cwmi.css.cornell.edu/schwarz.htm>  
<http://cwmi.css.cornell.edu/>



PRO-DAIRY



## Contact Us

The tours are free, but please RSVP by August 2nd to [dmconf@cornell.edu](mailto:dmconf@cornell.edu), with the name of your farm/business, number of attendees, and city.

**For more information, contact:**

*Tour locations*

Tim Shepherd  
266 Morrison Hall  
Ithaca, NY 14853  
607.227.3135 (cell)  
[Tas229@cornell.edu](mailto:Tas229@cornell.edu)

*Reservations*

Heather Howland  
272 Morrison Hall  
Ithaca, NY 14853  
607.255.4478 (office)  
[dmconf@cornell.edu](mailto:dmconf@cornell.edu)

