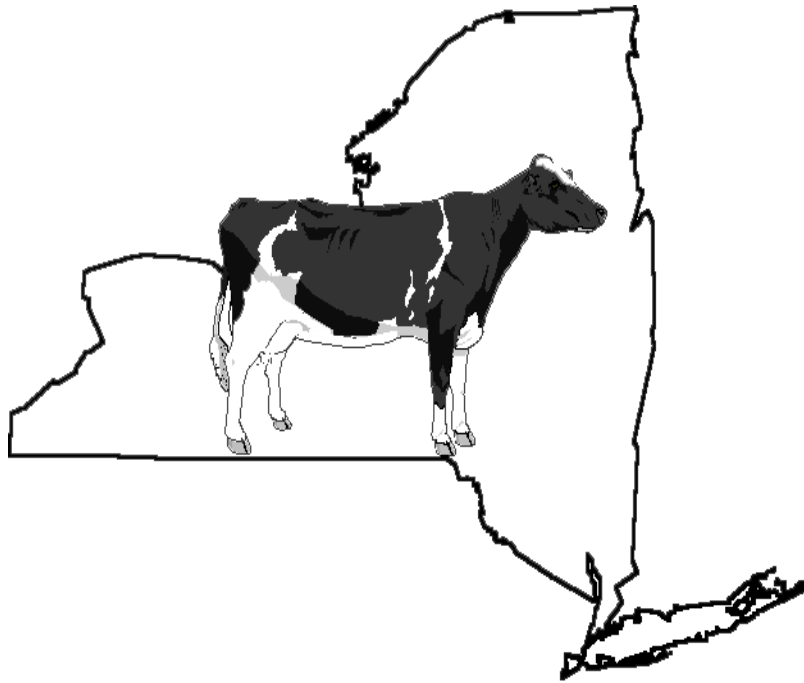


**NEW YORK**  
**YOUTH DAIRY DISCOVERY**  
**WORKSHOP**

**Friday and Saturday**

**March 22-23, 2013**



**Morrison Hall  
Cornell University  
Ithaca, NY**

**Sponsored by: The New York State 4-H Dairy Cattle Program  
Developed and Coordinated by: PRO-DAIRY, Cornell Animal Science Department  
and the Dairy Management Group**

**New York Youth DAIRY DISCOVERY WORKSHOP**  
**March 22-23, 2013**  
**Ithaca, NY**

**ELIGIBILITY:**

Due to the hands on approach of the sessions, participation is **limited to the first 60 individuals to enroll or March 12, 2013 deadline, whichever comes first**. Youth who are **14-19 years of age as of January 1, 2013** with an interest in dairy cattle are eligible to attend. This year's registration fee will include cost of the program activities, materials and dinner and lunch.

**OVERVIEW:**

Nutrition management is a critical factor in determining the production potential of dairy enterprises. The feeding program can influence the prioritizing of expenses. In many cases, as the graph depicts, over 25% of the variable costs associated with operating a dairy are directly incorporated into the purchasing of feeds. Furthermore, harvesting techniques, feeding methods, housing strategies, and monitoring these areas can play key roles in the growth and milk production responses animals express to a particular nutrition program.

**DAIRY DISCOVERY** will be focusing this year's workshop on "Maximizing the Feed Management Program". Youth will understand, observe and participate in technical skill training related to such topics as:

1. Effect of Nutrition on Growth
2. Nutrition and the Rumen
  - a) Understanding the fermentation process
  - b) Impact of feeding program on the rumen
3. The rumen-the inside look-Feed to Feces
  - a) What ruminants are made of!
4. Forage Quality
  - a. pH and DM spell what?
  - b. Yum-Yum-Pee-You
  - c. Appraisal of feeds
5. Total Mixed ration-TMR
  - a) Make and shake your TMR
  - b) Figuring TMR composition
  - c) Calculating the ration
6. Ration formulation with the computer model
7. Feed identification
8. Analysis

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**REGISTRATION:**

The deadline for registration is **Tuesday, March 12, 2013 or before if registration limit of 60 is reached.**

The cost of the workshop will be **\$45 per Youth.** This fee includes activities, materials, dinner Friday night and lunch Saturday. Registration forms should be signed by a Cooperative Extension Educator, FFA Advisor or Club Leader. **Cost for Adults accompanying youth is \$10 and they will also need to complete the registration form on-line.**

**Lodging:**

25 rooms have been blocked at the Ramada Inn, 2310 Triphammer Rd, Ithaca, 14850 for the night of March 22, 2013. Rate is \$89.95 per room. Ask for room block "Dairy Discovery" when you call the hotel and tell them you're with a Cornell function. To get the rooms tax exempt, 4-H participants need to work with your County Cooperative Extension Educator for a tax exempt for will be necessary. Phone: 607-257-3100. The block of rooms will be held until March 1, 2013 so make your reservation before this date.

Please call me at (607) 255-0656 or Email: [djc27@cornell.edu](mailto:djc27@cornell.edu) if you have questions

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**Agenda**

**Friday, March 22** (Morrison Hall, Rm 348)

- 6:00 PM        Welcome/Dinner
- 6:15-7:15 PM   Panel Discussion/Career Opportunities
- 7:30-9:45 PM   Team Challenge Program (Livestock Pavilion)
- 9:50 PM-        Head to your lodging location

**Saturday, March 23** (Cornell University-Morrison Hall and surrounding facilities)

- 6:45 A.M.        Breakfast on your own
- 8:00 A.M.        Registration in lobby at Morrison Hall
- 8:15 A.M.        Introduction to Workshops-Morrison Hall, room 146
- 8:30-11:30       Workshop Session I-Campus/Morrison Hall
- 11:30-12:30     Lunch in 348 Morrison Hall- Campus
- 12:30-3:30      Workshop Session II-Campus/Morrison Hall
- 4:00 P.M.        Discussion, Wrap-up, Certificates, Adjourn, 146 Morrison Hall

