

Dairy Nutrition 2009
August 17 to 20, 2009
Miner Institute

Date	Time	Topic and speaker
Monday, August 17	12:30	Registration
	1:00	Overview of course -- Tom Overton Introduction of course faculty and participants Introduction to Miner Institute – Rick Grant
	1:30 to 5:00	Forage quality in dairy nutrition, silage fermentation and roles for additives – Limin Kung and Larry Chase
	7:00	Group dinner at The Butcher Block
Tuesday, August 18	8:00	Dry matter intake and factors affecting feed efficiency – Larry Chase
	9:00	Carbohydrate fermentation and nutrition – Rick Grant (20 min break in middle)
	11:00	Protein and amino acid nutrition – Sarah Boucher
	12:00	Lunch
	1:00	Forage analysis – chemical composition, digestibility, fermentation analyses – Kurt Cotanch
	2:15	Nutrition and nutrient management considerations – Larry Chase
	3:00	Break
	3:15	Calf and heifer nutrition – Mike Van Amburgh
	5:00	Keynote lecture: Perspectives on future modeling efforts in dairy nutrition – Charlie Sniffen
	6:00	BBQ and recognition of Charlie Sniffen's contributions to Miner Institute Dairy Research
Wednesday, August 19	8:00	Fat and fatty acids in dairy nutrition – Tom Overton
	9:00	Minerals and vitamins – Tom Overton
	9:45	Break
	10:00	Environmental aspects of dairy – current perspectives and future implications – Curt Gooch
	11:30	Behavioral considerations of cows – Rick Grant
	12:15	Lunch
	1:00	Practical round-robins (45 min each) -- Miner Institute Dairy Farm Forage assessment, sampling and particle size, TMR management – Larry Chase and Kurt Cotanch Rumen function / microbial ecology – Heather Dann Facility and cow/behavior assessment – Rick Grant, Curt Gooch and Peter Krawczel Farm-level evaluation approaches – Tom Overton
	5:00	Adjourn -- dinner on own
Thursday, August 20	8:00	Water quality and availability – Larry Chase
	9:00	Transition cow biology – Heather Dann
	10:00	Break
	10:15	Transition cow nutrition and herd-level diagnostics – Tom Overton
	12:00	Course evaluation
	12:15	Adjourn (Box lunches provided)
	1:00 to 4:00	Optional CPM Dairy/CNCPS training session – Chase, Overton, and Grant