

Wednesday January 23 and Thursday 24, 2019

NEWMARKET Inn, 18667 Old Yonge St, Holland Landing

Day One	Topic	Information covered	Speaker
8:30 AM	Registration		
8:45 AM	Introduction to the Module		Anita
9:00 AM	Reproduction basics of the ewe	photoperiod seasonality, latitude effects / Breed differences / how ewe lambs differ (ie start later, shorter heats, quit sooner) effect of ewe age on ovulation rates & conception rates & ram reception	Delma Kennedy
9:30 AM	Reproduction Basics of the ewe	estrus cycle, follicle development, implantation, fetal development	Chris Buschbeck
10:30 AM	break		
10:45 AM	Conception Rates		Delma Kennedy
11:05 AM	Reproduction basics of the ram	Seasonality, puberty/ sperm development /fertility in rams and how assess it / breeding preferences	Chris Buschbeck
12:15 PM	LUNCH		
1:00 PM	Hormonal management of reproduction	In season options / out-of-season options /	Chris Buschbeck
2:00 PM	light control in out-of-season breeding systems	effect on rams for out-of-season breeding	Delma Kennedy
3:15 PM	break		
3:30 PM	Managing Rams for Optimal Reproductive Success	ram effect / teaser rams/ breeding soundness	Chris Buschbeck
4:15 PM	Open Forum	facilitated question & answer period with todays speakers	

5:30 PM	Dinner on your own		
7:30 PM	evening session	What will you change based on today's session	open forum
9:00 PM	adjourn		

Day Two	Topic	Information covered	Speaker
8:30 AM	Diagnosing Pregnancy in Sheep	Accuracy of different methods / does it pay?	Anita O'Brien
9:10 AM	Genetic aspects of reproduction	Heritability / gene "mutants" FecB, FecG, FecL FecX/ Selection as a tool to improve out-of-season breeding	Delma Kennedy
9:50 AM	break		
10:10 AM	Group Exercise	Map out your breeding program /Rank each breeding period wrt photoperiod, estrus cycle & reproduction success /Identify breeding periods that may improve if moved / What is the impact of moving the breeding period in question	
10:50 AM	Managing the Ewe Flock for Optimal Reproductive Success	Impact of BC (nutrition) in ewes / impact in rams/ minimize embryonic and fetal losses / placental development / Crutching / Shearing Pre-breeding / it pays to manage ewe lambs separately	Anita O'Brien
11:30 AM	The impact of diseases on reproduction in ewes and rams	Ewes -abortions /Maedi Visna (lowers conception rate) / caseous / Johnes/ Rams - Brucella ovis / others? /lameness / internal parasites	
12:15 PM	lunch		
1:00 PM	adjourn classroom & leave for farm visit		
1:45 PM	Farm visit	Phil, Liz & David Smith, 203 Mount Pleasant Trail, Georgina	

3:00 PM

adjour & safe jouney home

