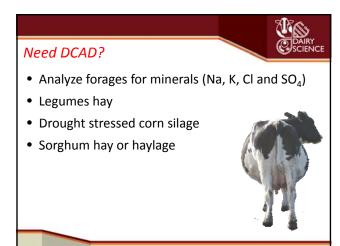


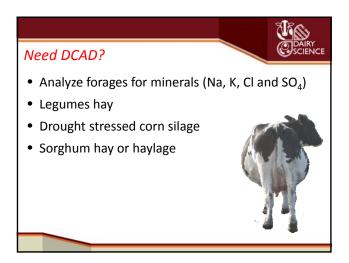
TABLE 7. Estimating the peNDF of feeds using chemical and physical measurements in the laboratory (69).

Feed	NDF	1.18-mm sieve	peNDF1
	(% of DM)	(Fraction retained) ²	(% of DM)
Standard	100	1.00	100.0
Grass hav	65	0.98	63.7
Legume hay	50	0.92	46.0
Legume silage, coarse			
chop	50	0.82	41.0
Legume silage, fine chop	50	0.67	33.5
Corn silage	51	0.81	41.5
Brewers grains	46	0.18	8.3
Corn, ground	9	0.48	4.3
Soybean meal	14	0.23	3.2
Soybean hulls	67	0.03	2.0
Rice mill feed	56	0.005	0.3

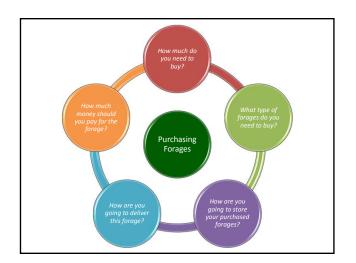
 $^{1}\mathrm{peNDF}$ is calculated by multiplying NDF by the fraction retained on a 1.18-mm sieve.

²Using vertical shaking.





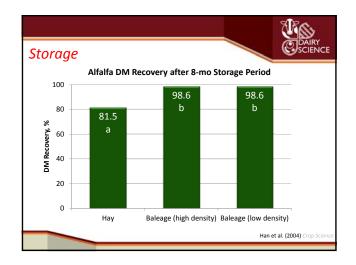
		W		
Need DCAD?		SCIENCE		
Potasium concentration (DM basis) in different forages				
Forage Type	Origin	K ⁺		
Haylage, Sudangrass	Cnel. Suarez	3.56%		
Silage, Forage sorghum (30% DM)	Cnel. Suarez	1.26%		
Silage, Forage sorghum (30% DM)	Cnel. Pringles	1.77%		
Silage, Corn (35% DM)	Cnel. Suarez	1.35%		
Silage, Corn (26% DM)	Pehuajó	2.19%		
Silage, Corn (42% DM)	Trenque Lauquen	1.71%		
Silage, Corn (22% DM)	Trenque Lauquen	3.07%		
Silage, Barley (38% DM)	Navarro	0.98%		
Silage, Barley (46% DM)	Navarro	0.47%		
Silage, Barley (41% DM)	Cnel. Suárez	1.69%		
Silage, Wheat (47% DM)	Trenque Lauquen	1.78%		

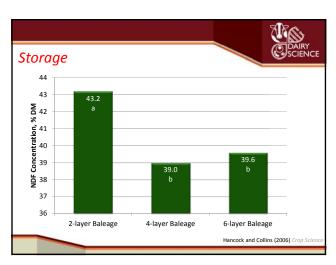






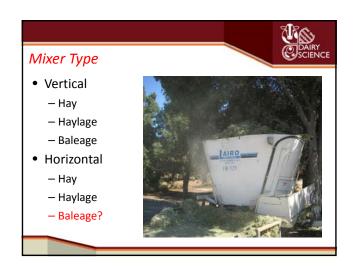


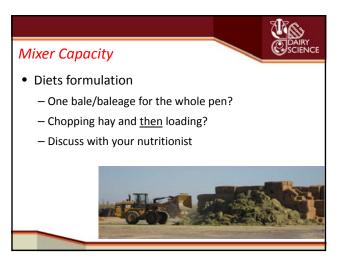










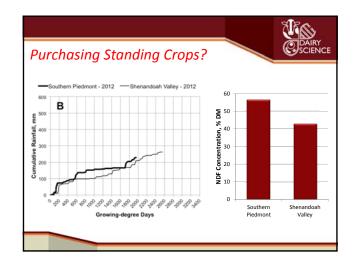












Final Remarks



- Perform forage balance and decide what to purchase WITH your nutritionist
- Claim forage quality analyses for the forages you are purchasing
- Periodically fine tune forage quality and management (i.e., minimize shrinkage)
 - Monitor moisture of silages
 - Use scales/balances, TMR tracker, etc
 - Is your mixer in good conditions?

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