



SPRING SHEEP™
— MILK CO. —
New Zealand

Sheep Milking

August 2018

***Rotorua Land Use Innovation
Series Workshop***



Sustainability



Digestibility





Start with the consumer

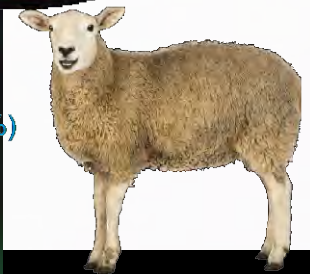
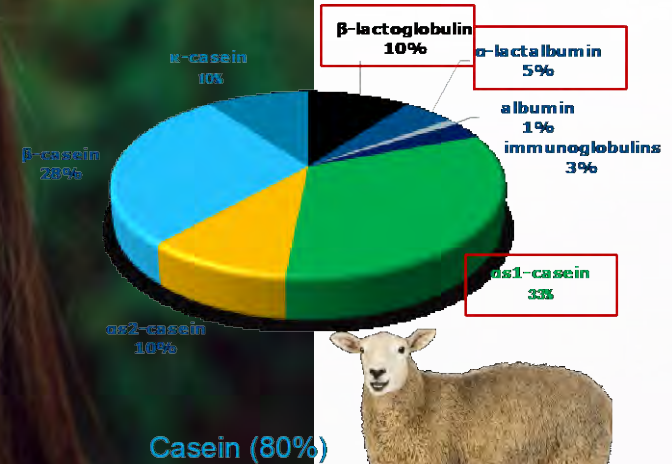
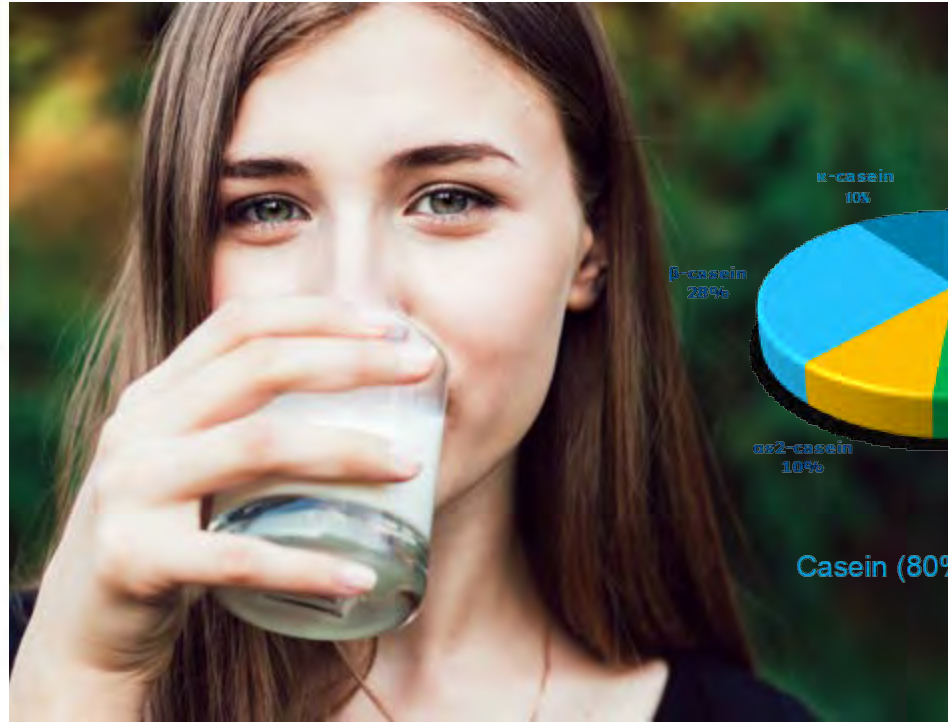
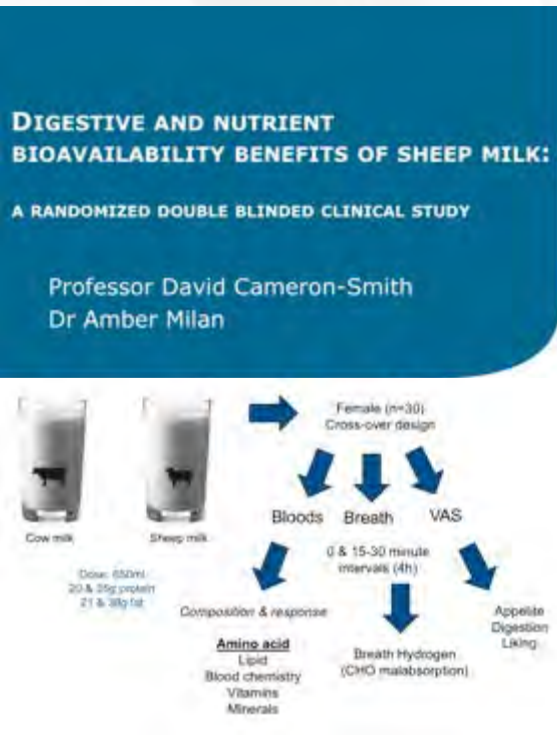


Digestion

Over 50% of the mothers believe their child has symptoms of digestion issues



Human Clinical trial - Digestibility



Why New Zealand Sheep Milk?



Easier to
digest



Superior
nutrition



Beautiful
taste



Safe &
trusted



Grass-fed &
happy sheep

Current Products



Sheep Milk Farming



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Modern Farming Model

Environmentally



Socially



Economically



Environmental Sustainability

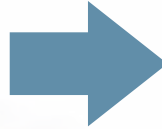


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Genetic Shift in New Zealand Sheep Milking



**90 – 120L Milk
per Sheep**



**400 – 1,000L Milk
per Sheep**

Spring Sheep have Sourced the Best Genetics in the World



Actual Genetic Lines Imported – Milk Data

Dam last Lactation (320 days)	Milk protein / fats	Breed	Genotype
950	6.4 Fat, 5.5 Protein	e x l	ARR / ARQ
1000	6.5 FAT, 5.7 Protein	E X L	ARR/ARQ
1000	6.45 Fat ,5.7 Protein	East Freisland	ARR / ARR
670	6.0 FAT, 5.1 Protein	e x l	ARR/ ARQ
690	5.8 Fat, 4.8 Protein	E X L	ARR/ AHQ
700	6.1 Fat, 5.0 Protein	E X L	ARR/ ARR
680	5.9 Fat, 4.8 Protein	E X L	ARR/ARR
1000	6.0 Fat, 5.4 Protein	East Freisland	ARR/ARQ
640	6.1 Fat, 5.2 Protein	E X L	ARR / ARR
1000	6.3 Fat, 5.1 Protein	E x L	ARR / ARQ
492	5.41 Fat, 4.49 Protein	East Freisland	ARR / ARR
513	6.23 Fat, 5.33 protein	East Freisland	ARR / ARR
506	5.98 Fat, 4.94 Protein	East Freisland	ARR / ARR
513	6.23 Fat , 5.33 Protein	East Freisland	ARR / ARR

Question One: Scale?

	Milking Sheep	Land Required	Staff
Lifestyle	1 - 500	1 – 40 H	Part time – 1 FTE
Owner/Operator	500 – 1,500	40 – 150 H	2 – 4 FTE
Large-Scale	1,500 – 4,000	150 – 400 H	4 – 10 FTE

Question Two: Farm System?



Hybrid



Outdoor

Large-Scale Hybrid



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Hybrid Pilot Farm



Bovine to Ovine Conversion



Training and Support



Next Steps

- Q&A today
- Farm tour being organised around the Taupo site
- Email: info@springsheep.co.nz
 - Invite to farm open days
 - Register interest in sheep milking
 - Attend the conference



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