

SDH Dairy Beef Field Day

Andrea Dixon – General Manager
Southern Dairy Hub



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Agenda

- SDH Farm Update
- SDH Dairy Beef Journey
- GENEZ – Fresh approach to Genetics
- Beef and Lamb – DBPT - Genetics
- Waipuna Farm Pamu – Turning Grass into Ass
- SDH Calves – What have we changed this year
- NZAGBIZ – Successful Actions for a healthy calf
- Lunch - Westpac

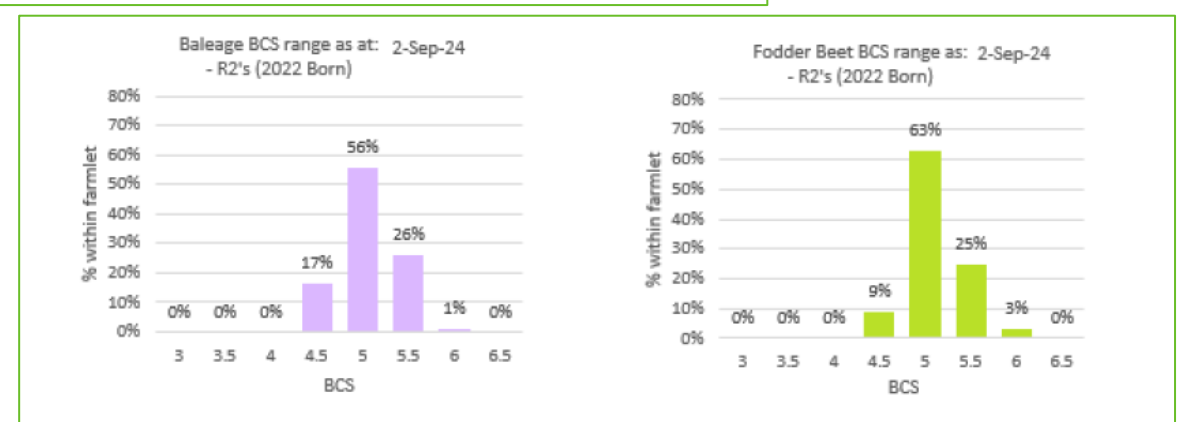
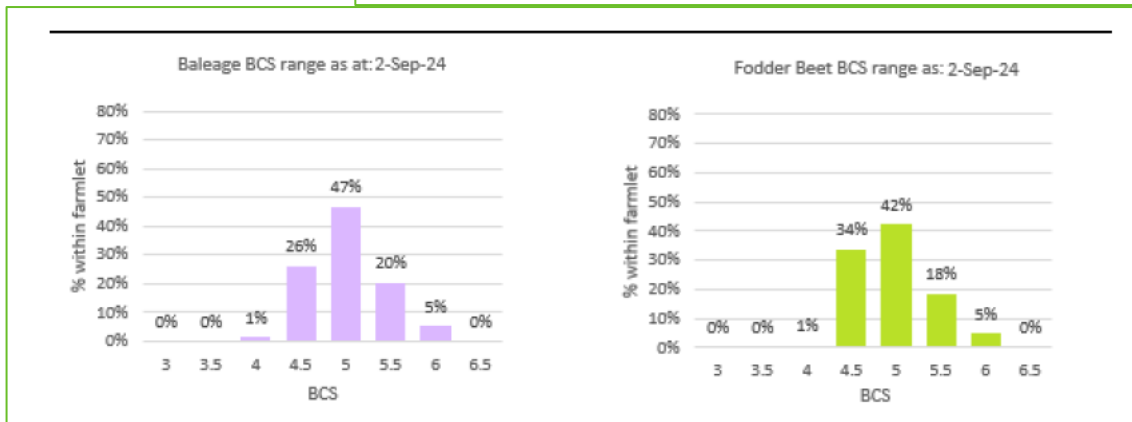
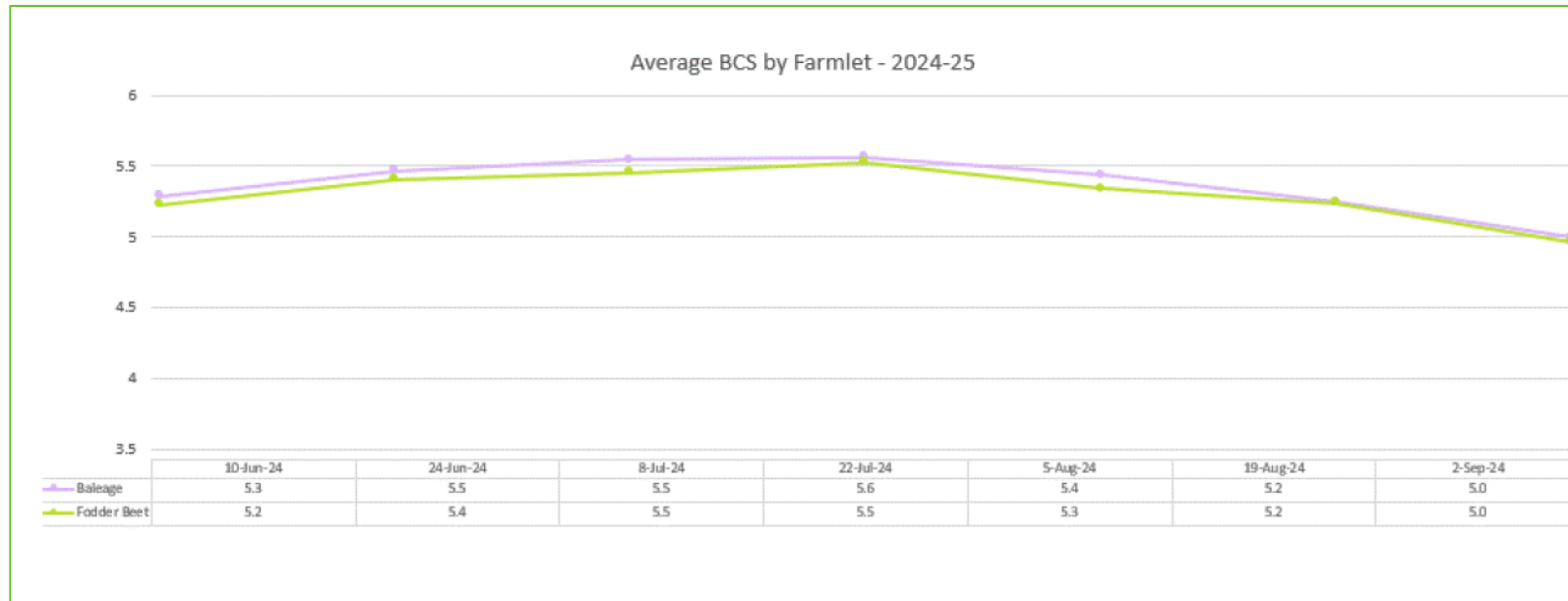
SDH Farm Update

Ian Butler – Farm Manager
Southern Dairy Hub



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What's happening on farm?

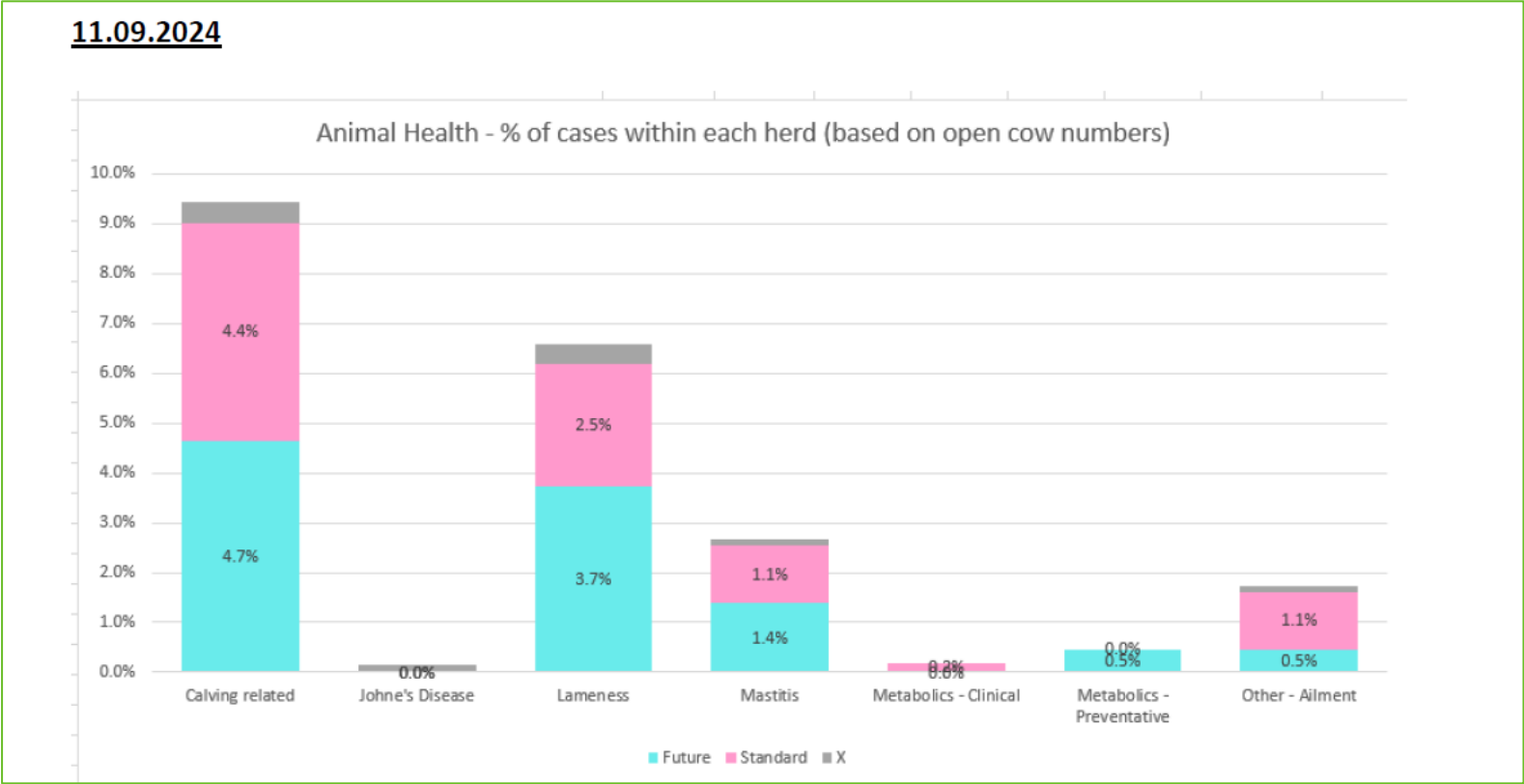


What's happening on farm?

11.09.2024

	Measure	Comments
Average Soil Temp (°C) for last 7 days	10.0	
Sum of Rainfall (mm) for past 7 days	30.4	
Rainfall (mm) since 1 June 24	255.2	

What's happening on farm?



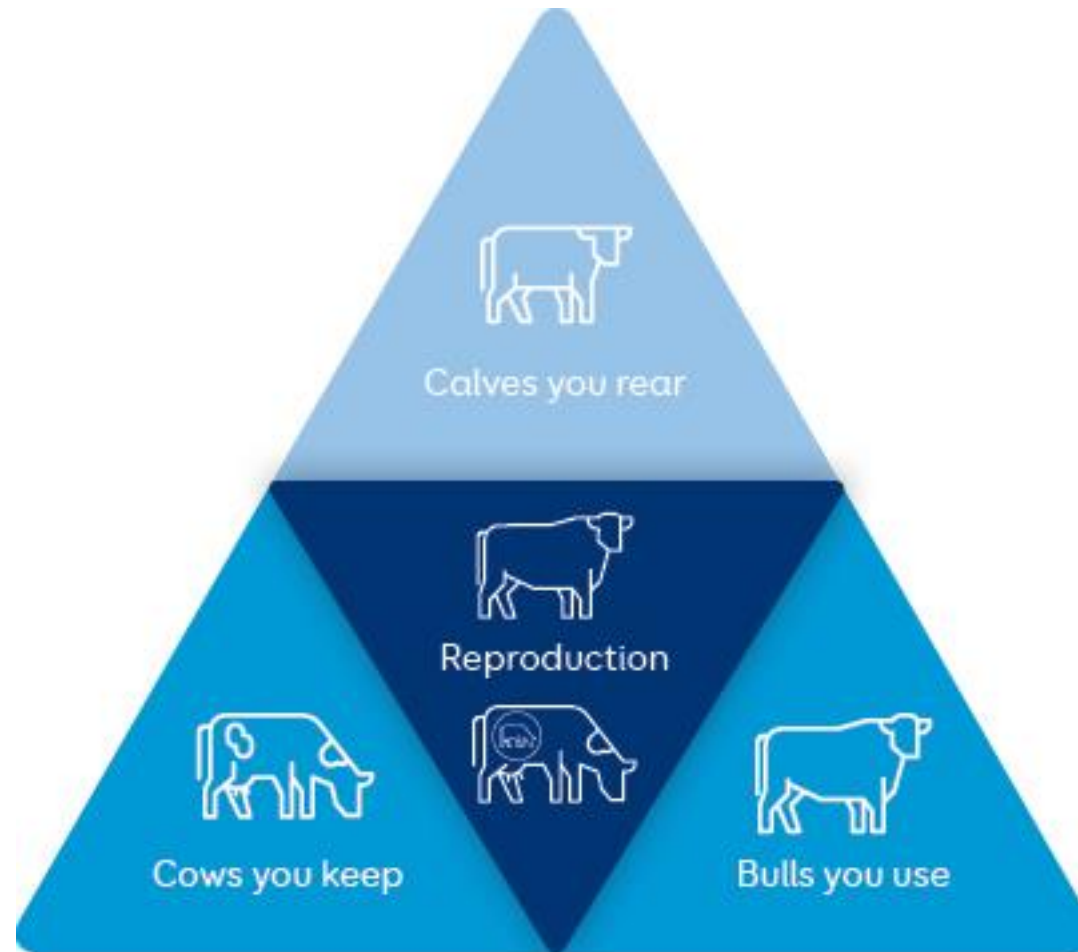
SDH Dairy Beef Journey

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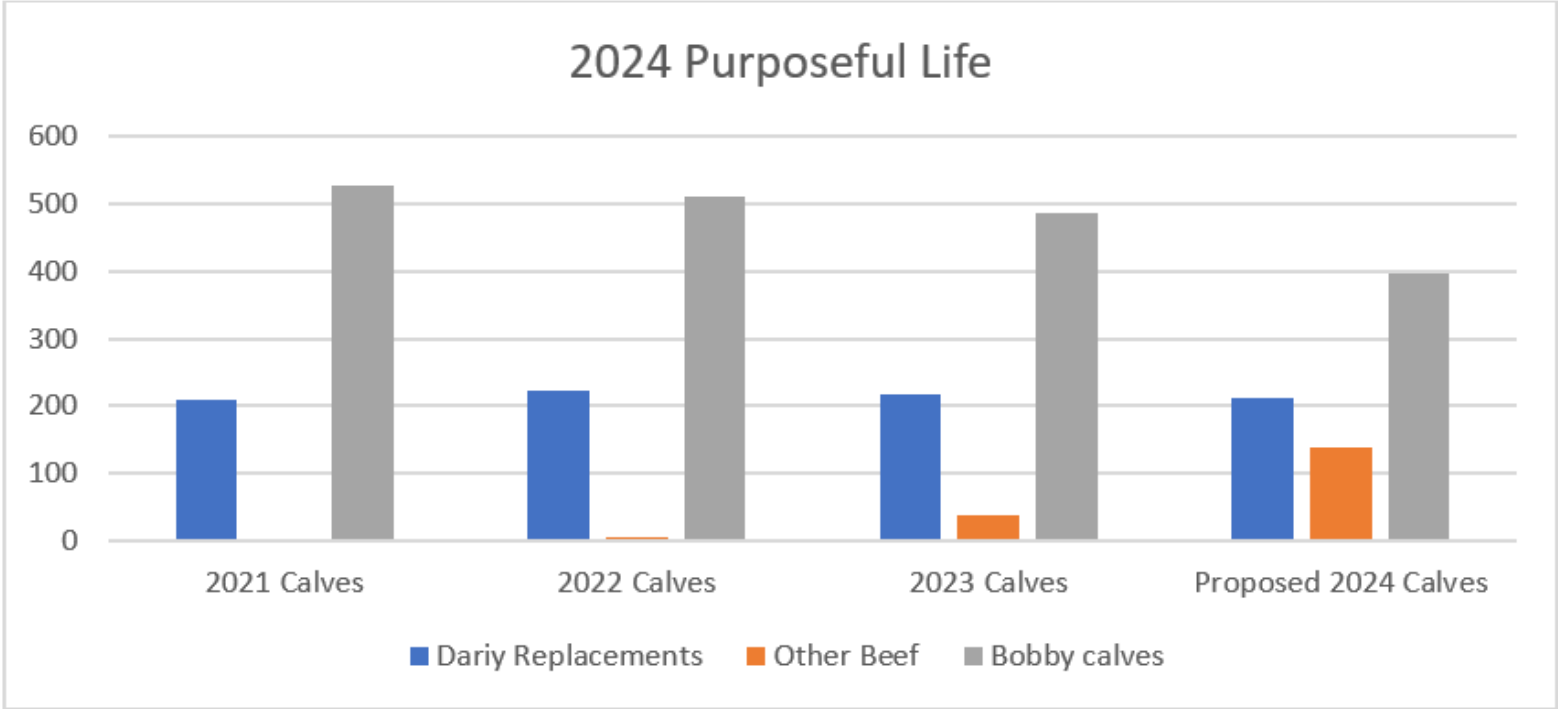


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Herd Improvement Focus



SDH – Non Replacement AB Strategy



SDH – Non Replacement AB Strategy



Ranked by	quartile	BW SDH	BW SOUTHLAND	kg MS SDH	kg/MS SOUTHLAND
kgMS	Q1	223	208	657	613
kgMS	Q2	193	183	590	548
kgMS	Q3	187	167	545	503
kgMS	Q4	169	143	482	433

(Table data – animals included have ancestry above 90% and have completed more than 4 herd tests during the 2022 season)

175 kg/ms

180 kg/ms

Dam gBW Split- 2022-born Replacements Reared						
	Dam Rank	Calves Retained	Avg. Dam gBW	Avg. Sire gBW	Calves gBW	Percentage
2022	Q1	31	336.0	406.4	407.7	22%
	Q2	40	257.9	403.9	329.4	28%
	Q3	39	199.8	411.1	326.9	27%
	Q4	34	116.3	401.9	266.9	24%
	Yearlings	1	302.0	410.1	233.2	

Dam gBW Split- 2023-born Replacements Reared						
	Dam Rank	Calves Retained	Avg. Dam gBW	Avg. Sire gBW	Calves gBW	Percentage
2023	Q1	45	357.5	418.6	426.3	32%
	Q2	32	283.0	427.4	381.2	23%
	Q3	29	231.8	436.4	344.5	21%
	Q4	33	151.1	429.6	290	24%
	Yearlings	0	0.0	0	0	



SDH – Non Replacement AB Strategy



Calf type	Expected calves born*		Number of Heifers that will enter the herd
	Typical plan Number of calves born*	This years plan Number of calves born*	
Dairy Replacements	251	236	218
Herd - conventional AB replacements	191	141	130
Herd sexed replacements	60	95	87
Yearling AB replacements	0	0	0
Yearling sexed replacements	0	0	0
Beef	60	124	
Wagyu	0	0	
Other beef	0	124	
SGL Hereford	60	0	
SGL Angus	0	0	
			Number of heifer calves needing to be kept to reach required heifer replacement rate
			Number of heifer calves needing to be born 241
			Expected number of heifer calves to be born 236
			% of heifer calves born needing to be kept 102%

SDH – Non Replacement AB Strategy



Plan for the 2023 mating:

- Mate the bottom 15% on BW to beef sires for the first five and a half weeks of AB
- Use 240 sexed semen straws on the top BW cows that have calved early and between the age of two and seven for first three weeks of mating
- Use Forward Pack (A2A2) Kiwicross for the first five and half weeks of mating
- 30 Jersey straws (A2A2) purchased for use in larger cows
- Use a beef marker for week five and half to week seven
- Weeks eight to week eleven use SGL Dairy semen.



SDH Mating 2023 – Beef Bulls



Dairy Beef Progeny Test Report



- Low birth weight
- Marker
- Good IMF and good growth rates



SDH – Mating 2023 Results

Reproduction (10-week mating)				
3 wk submission Rate (%)	88	95	92	96
6 wk in calf (Fert Focus) (%)	76	74	79	84

Select Product:	Week into Mating	
Sexed Semen	1	2
(use drop down)		
Matings	112	112
Conceptions	66	73
All Herds CR% for Sexed Semen	59%	65%

Product	Animals Mated	Animals Conceived		Expected Replacement		
	Avg gBW of Animals Mated	Avg gBW of Dams In-Calf	Avg PW of Dams In-Calf	Number	Insems used	Expected Avg gBW
PS Forward Pack	283	283	327	152	3.5	378
Sexed Semen	304	303	335	125	1.8	395

Dam gBW Split- 2024-born Replacements Reared						
	Dam Rank	Calves Retained	Avg. Dam gBW	Avg. Sire gBW	Calves gBW	Percentage
2024	Q1	66	387.0	479.1	433.1	33%
	Q2	57	302.9	475.7	384.8	29%
	Q3	47	253.4	476.4	363.6	24%
	Q4	29	193.8	459.9	321.7	15%
	Yearlings	0	0.0	0	0	

Where is the opportunity?



National Herd – Southland



Ranked by kgMS (kilograms milksolids)

	# Animals	Avg kgMS	Avg DIM	Avg BW	Avg PW	Avg LWT BV	Avg kgMS/ kgLWT
Q1	18243	+186 617	259	+67 204	375	15.7	1.20
Q2	18176	549	253	177	262	13.5	1.07
Q3	18108	502	247	160	188	12.6	0.98
Q4	18039	431	238	137	87	10.4	0.85

Where is the opportunity?



SDH Herds



Ranked by kgMS (kilograms milksolids)

	# Animals	Avg kgMS	Avg DIM	Avg BW	Avg PW	Avg LWT BV	Avg kgMS/ kgLWT
Q1	76	+169 672	286	+68 289	429	14.0	1.31
Q2	76	615	273	266	372	7.3	1.21
Q3	76	573	270	258	289	5.9	1.13
Q4	76	503	249	221	158	9.0	0.99

This season?

- Continue to use Sexed Semen
- Look to lift the bottom % on BW to beef – higher than 15%
- Continue to select beef bulls proven through the DBPT
- Get the numbers right – not so many replacement 😊