

Westholm Dairies results well above average

AT A GLANCE

Client Westholm Dairies Limited

Luke and Nicole Kane
Tapanui, West Otago

Type Self-contained dairy farm
with beef operation

Area 580ha (dairy 264ha, run-off 316ha)

Cows calved-down 665

Peak cows milked 630

Cows/hectare 2.6

MS/cow 519kg/MS

MS/ha 1333kg/MS/ha

Run-off:

Area 316ha

Stock: All young stock, 150 beef x calves, 100 bulls,
40 Angus cows and young stock.

Dairy cows wintered on run-off (and platform crops) growing
beet and kale. Supplement made on run-off wholecrop and
grass silage/balage.



DRY MATTER GROWN AND SUPPLEMENT FEED

Pasture 17t DM/ha

Average LIC, CDax-measured, "will be overestimated".

Fodder beet Conventional 28t DM/ha

Striptilled 22t DM/ha

Kale First year 12.2t DM/ha

Second year 17t DM/ha

Summer turnips "Bark Ant" 10t DM/ha

When start grazing first week of January.

Supplement feed 1.06t DM/cow

Combination of DDG, PKE, barley, pellets, molasses,
grass silage and wholecrop (some made on farm).

AVERAGE MILK SOLID RETURNS - DairyNZ stats

Westholm Dairies milk solids per cow 519kg

Average MS South Island 408kg

Average MS Otago region 424kg

Average MS Clutha district 411kg

PLATFORM: Superior nutrients/mixes applied for the 2023-24 season. All applied by either RTL or self-applied.

No capital platform pasture lime programme 2023-24 season. Crop/New grass paddocks received lime as required.

Product	Date	Rate/ha	N	P	K	S	Ca	Mg	Na	Traces	Cost/ha
Spring SOA	August/ September	135kg	27.7	-	-	32.5	-	-	-	Se	\$67
Non-effluent 195ha maintenance	October	315kg	26	11	25.5	41	13.85	10.6	4.4	B, Cu, Zn	\$235
Effluent 30ha maintenance	October	225kg	26	-	-	41	-	12.7	8.3	B, Cu, Zn, Co	\$135
December Ammo	December	100kg	32	-	-	13	-	-	-	-	\$64
February SOA	February	125kg	25.6	-	-	30	-	-	-	-	\$58
Autumn SOA	April	150kg	30.75	-	-	36	-	-	-	-	\$70
Total N/ha and total \$/ha			142.05								\$436/ha average 225ha

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FODDER BEET:

Programme: Lime, Superior Mix, Salt and Boron applied with Bulky, then DAP+S applied via drill.
 Seed: Bangor and Feildher.
 Sowing date: October.
 Sprays: Pre-emerge, then one or two additional sprays (each paddock different).
 Agronomy: Gordy Scott, RB Rural (seed, chemical and advice).
 Yield: Conventional 28t/ha/DM. Striptilled 22t/ha/DM.

Product	Date	Rate/ha	N	P	K	S	Ca	Mg	Na	Traces	Cost/ha
Lime	Spring	1t/ha	-	-	-	-	300	-	-	-	\$40
Bulky Base Mix	October	300kg	-	-	40.3	40.8	-	13.6	46.2	B, Zn	\$233
Drilling Starter Fertiliser	October	200kg	34	34	-	9	-	-	-	-	\$216
Second application	Mid-December	200kg	80.7	-	-	8.17	-	-	-	B	\$163
Total N/ha and total \$/ha			114.7								\$652

KALE:

Programme: Lime, Superior Mix, DAP+S and Boron applied prior to sowing with Bulky.
 Seed: Regal and Firefly.
 Sowing date: November.
 Sprays: Pre-emerge, then one additional spray on HT Kale. Conventional, no other spray.
 Agronomy: Gordy Scott, RB Rural (seed, chemical and advice).
 Yield: First year 12.2t/DM/Ha (yield affected with Tella Spray). Second year 17t/DM/Ha.

Product	Date	Rate/ha	N	P	K	S	Ca	Mg	Na	Traces	Cost/ha
Lime	Spring	1t/ha	-	-	-	-	300	-	-	-	\$40
Base + Starter	November	430kg	34	34	34.5	43.65	-	11.6	18	B, Zn	\$398
Second application	January	200kg	82.8	-	-	8.6	-	-	-	-	\$159
Total N/ha and total \$/ha			116.8								\$597