

# Results of dosing poorly performing breeding bulls with Palamountains Bovine Boost

# TESTING

## Trial undertaken by:

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## Angus Bull Number 130. Angus bull born 26.09.03

- 3 ejaculates per collection day taken 20 to 30 minutes apart.
- Bull arrived at the centre 12th February 2005.
- This Angus bull was injected with B12 + Selenium 6mls and Coprex injection 2mls on 1st April 2005 as well as starting the bull on 150mls per day of palaMOUNTAINS - Bovine Boost product. This Angus bull was fed a diet of hay and balage.
- The following table outlines the collections prior to and during the addition of the palaMOUNTAINS - Bovine Boost product.
- The percent alive is a visual assessment at time of collection.
- The density is an assessment from 10 to 30 (10 being coloured water to 30 being thick cream)
- Abnormalities are the total number per ejaculate as a percentage of the total volume of the semen collected.
- Main abnormalities present were a high percentage of bent and broken tails. Lower percentages of detached heads but % still high. There were a low number of distal tail droplets present. The volume is the amount of semen ejaculated.
- Thawed is the assessment of the semen after freezing and thawing. The first number is the percent alive the second number is the percentage moving forward.

Download the full report here: [www.palamountains.co.nz/scientific-trials](http://www.palamountains.co.nz/scientific-trials)



**Three year Bovine live semen trial shows increase in sperm quantity and quality following supplementation of feed with palaMOUNTAINS® Bovine production.**

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DNF = did not Freeze - due to poor quality

## ANGUS BULL 130

Date	Alive %	Density X	Abnorm %	Volume ml	Thawed %
08.03.05	50	25	50	3.0	DNF
	50	30	52	4.0	DNF
	50	25	46	1.0	DNF
16.03.05	50	25	45	2.0	DNF
	40	30	56	5.0	DNF
	45	30	52	3.0	DNF
	45	30	41	2.0	DNF
22.03.05	50	30	44	1.0	DNF
	40	30	46	3.0	DNF
	45	25	42	1.0	DNF
28.03.05	50	30	40	3.0	DNF
	50	30	39	4.0	DNF
	65	30	43	2.0	DNF
02.04.05	55	30	40	3.0	DNF
	55	30	40	2.0	DNF
	55	30	40	3.0	DNF
13.04.05	55	30	45	7.0	DNF
	55	30	42	4.0	DNF
	55	15	40	0.5	DNF
20.04.05	55	30	39	3.0	DNF
	55	30	35	2.0	DNF
	50	30	38	2.0	DNF

Date	Alive %	Density X	Abnorm %	Volume ml	Thawed %
26.04.05	55	30	38	1.5	DNF
	50	30	39	2.0	DNF
	55	25	45	1.5	DNF
29.04.05	60	30	40	1.0	DNF
	60	30	41	1.0	DNF
	55	25	49	0.5	DNF
16.05.05	55	10	40	2.0	DNF
	60	30	35	7.0	DNF
	55	10	36	3.0	DNF
26.05.05	60	30	30	5.0	40/40
	65	30	28	2.0	40/40
	70	30	25	4.0	40/40
07.06.05	70	30	23	3.0	40/35
	75	30	25	6.0	40/35
	75	30	28	4.0	40/35
14.06.05	75	30	25	5.0	40/40
	75	30	23	5.0	40/40
	80	30	22	5.0	40/40
22.06.05	75	30	20	7.0	40/40
	75	30	21	6.0	40/40
	75	30	22	5.0	40/40
29.06.05	75	30	20	3.0	45/40
	80	30	21	4.0	45/40
	80	30	20	4.0	45/40
06.07.05	80	30	20	5.0	40/40
	80	30	19	3.0	40/40
	80	30	21	6.0	40/40