

**APPENDIX**

**Appendix Table 1** Firmness, lignin contents and total free phenolics contents of reddish brown and reddish purple mangosteen pericarp stored at 6 and 12°C for 15 days

Days	Firmness (N)				Lignin contents (Abs 280 nm)				Total free phenolics contents (mg/gFW) <sup>1/</sup>			
	Reddish brown		Reddish purple		Reddish brown		Reddish purple		Reddish brown		Reddish purple	
	6°C	12°C	6°C	12°C	6°C	12°C	6°C	12°C	6°C	12°C	6°C	12°C
0	13.62d	13.62d	11.81d	11.81d	0.59fgh	0.59fgh	0.65defgh	0.65defgh	10.73ab	10.73ab	11.32a	11.32a
3	13.90d	13.50d	11.45d	12.20d	0.48h	0.52gh	0.64efgh	0.48h	9.83bc	6.78gh	6.82gh	4.16i
6	14.43d	15.77d	13.26d	12.89d	0.81bcde	0.74cdef	0.97ab	0.69defg	7.16fgh	7.30fgh	7.37fgh	6.93gh
9	12.81d	11.91d	15.04d	11.35d	0.81bcde	0.80bcde	1.03a	0.83bcd	9.20cd	8.13def	8.79cde	8.82cde
12	14.55d	12.46d	17.02d	17.06d	0.73cdef	0.64efgh	0.88abc	0.67defg	6.66gh	8.73cde	7.37fgh	6.86gh
15	58.16b	40.17c	107.89a	43.74c	0.70defg	0.53gh	0.73cdef	0.74cdef	8.80cde	6.42h	7.84efg	8.75cde
<i>F</i> -test	**				**				**			

<sup>1/</sup> Mean values followed by different letters in the same parameter are significantly different at  $P \leq 0.01$  using DMRT

\*\* = significantly different at  $P \leq 0.01$

**Appendix Table 2** Pericarp firmness of reddish brown mangosteen fruit stored at 6 and 12°C and measured immediately and after transfer to room temperature (RT) for 3 days

Days	Temperature (°C)	Time			Days	Temperature (°C)	Time		
		immediately	RT 3 days	average			immediately	RT 3 days	average
0	6	13.62	11.44	12.53	9	6	12.81	18.76	15.78x <sup>2/</sup>
	12	13.62	11.44	12.53		12	11.91	11.82	11.87y
	average	13.62a	11.44b			average	12.36b	15.29a <sup>1/</sup>	
	Temperature	ns				Temperature	**		
	Time	**				Time	*		
	Temperature x Time	ns			Temperature x Time	*			
3	6	13.94	11.66	12.75	12	6	14.55	86.27	50.38x
	12	13.49	11.39	12.44		12	12.46	53.82	33.14y
	average	13.71a	11.52b			average	13.51b	70.02a	
	Temperature	ns				Temperature	**		
	Time	**				Time	**		
	Temperature x Time	ns			Temperature x Time	**			
6	6	14.42	11.81	13.12	15	6	58.15	106.23	82.20x
	12	15.77	10.62	13.20		12	40.17	57.64	48.91y
	average	15.10a	11.21b			average	49.16b	81.94a	
	Temperature	ns				Temperature	**		
	Time	**				Time	**		
	Temperature x Time	ns			Temperature x Time	**			

<sup>1/</sup>, <sup>2/</sup> Mean values followed by different letters in the same column or row are significantly different at  $P \leq 0.01$  using DMRT

ns = non-significantly different

\* = significantly different at  $P \leq 0.05$

\*\* = significantly different at  $P \leq 0.01$

**Appendix Table 3** Pericarp firmness of reddish purple mangosteen fruit stored at 6 and 12°C and measured immediately and after transfer to room temperature (RT) for 3 days

Days	Temperature (°C)	Time			Days	Temperature (°C)	Time		
		immediately	RT 3 days	average			immediately	RT 3 days	average
0	6	11.81	12.10	11.95	9	6	14.65	27.09	20.87
	12	11.81	12.10	11.95		12	11.35	21.12	16.24
	average	11.81	12.10			average	13.00b	24.11a	
	Temperature	ns				Temperature	ns		
	Time	ns				Time	**		
	Temperature x Time	ns			Temperature x Time	ns			
3	6	11.45	28.96	20.21x <sup>2/</sup>	12	6	17.02	108.40	62.71
	12	12.20	13.33	12.77y		12	17.06	75.50	46.28
	average	11.83b	21.15a <sup>1/</sup>			average	17.04b	91.95a	
	Temperature	**				Temperature	ns		
	Time	**				Time	**		
	Temperature x Time	**			Temperature x Time	ns			
6	6	29.55	13.25	21.75	15	6	90.55	186.20	138.37x
	12	12.89	13.81	13.35		12	50.38	116.31	83.34y
	average	21.22	13.54			average	70.46b	151.25a	
	Temperature	ns				Temperature	*		
	Time	ns				Time	**		
	Temperature x Time	ns			Temperature x Time	ns			

<sup>1/</sup>, <sup>2/</sup> Mean values followed by different letters in the same column or row are significantly different at  $P \leq 0.01$  using DMRT

ns = non-significantly different

\* = significantly different at  $P \leq 0.05$

\*\* = significantly different at  $P \leq 0.01$

**Appendix Table 4** Lignin contents of reddish brown mangosteen pericarp stored at 6 and 12°C and measured immediately and after transfer to room temperature (RT) for 3 days

Days	Temperature (°C)	Time			Days	Temperature (°C)	Time		
		immediately	RT 3 days	average			immediately	RT 3 days	average
0	6	0.59	0.77	0.68	9	6	0.80	0.78	0.79
	12	0.59	0.77	0.68		12	0.80	0.55	0.68
	average	0.59	0.77			average	0.80	0.67	
	Temperature	ns				Temperature	ns		
	Time	ns				Time	ns		
	Temperature x Time	ns			Temperature x Time	ns			
3	6	0.40	0.76	0.58	12	6	0.73	0.83	0.78
	12	0.52	0.80	0.66		12	0.64	0.83	0.74
	average	0.46b	0.78a			average	0.68b	0.83a <sup>1/</sup>	
	Temperature	ns				Temperature	ns		
	Time	**				Time	*		
	Temperature x Time	ns			Temperature x Time	ns			
6	6	0.81	0.90	0.86x	15	6	0.70	1.01	0.85x <sup>2/</sup>
	12	0.74	0.67	0.70y		12	0.53	0.63	0.58y
	average	0.78	0.79			average	0.61b	0.82a	
	Temperature	*				Temperature	**		
	Time	ns				Time	**		
	Temperature x Time	ns			Temperature x Time	ns			

<sup>1/</sup>, <sup>2/</sup> Mean values followed by different letters in the same column or row are significantly different at  $P \leq 0.01$  using DMRT

ns = non-significantly different

\* = significantly different at  $P \leq 0.05$

\*\* = significantly different at  $P \leq 0.01$

**Appendix Table 5** Lignin contents of reddish purple mangosteen pericarp stored at 6 and 12°C and measured immediately and after transfer to room temperature (RT) for 3 days

Days	Temperature (°C)	Time			Days	Temperature (°C)	Time		
		immediately	RT 3 days	average			immediately	RT 3 days	average
0	6	0.65	0.67	0.66	9	6	1.02	1.14	1.08x <sup>2/</sup>
	12	0.65	0.67	0.66		12	0.83	0.91	0.87y
	average	0.65	0.67			average	0.93	1.02	
	Temperature	ns				Temperature	*		
	Time	ns				Time	ns		
Temperature x Time		ns			Temperature x Time		ns		
3	6	0.64	0.90	0.77x	12	6	0.88	1.12	1.00x
	12	0.48	0.70	0.59y		12	0.67	0.88	0.78y
	average	0.56b	0.80a			average	0.78b	1.00a <sup>1/</sup>	
	Temperature	**				Temperature	**		
	Time	**				Time	**		
Temperature x Time		ns			Temperature x Time		ns		
6	6	0.97	0.75	0.86	15	6	0.73	0.79	0.76
	12	0.69	0.94	0.82		12	0.74	0.87	0.80
	average	0.83	0.85			average	0.73b	0.83a	
	Temperature	ns				Temperature	ns		
	Time	ns				Time	*		
Temperature x Time		ns			Temperature x Time		ns		

<sup>1/</sup>, <sup>2/</sup> Mean values followed by different letters in the same column or row are significantly different at  $P \leq 0.01$  by DMRT

ns = non-significantly different

\* = significantly different at  $P \leq 0.05$

\*\* = significantly different at  $P \leq 0.01$

**Appendix Table 6** Total free phenolics contents of reddish brown mangosteen pericarp stored at 6 and 12°C and measured immediately and after transfer to room temperature (RT) for 3 days

Days	Temperature (°C)	Time			Days	Temperature (°C)	Time		
		immediately	RT 3 days	average			immediately	RT 3 days	average
0	6	10.73	10.21	10.47	9	6	9.35	7.69	8.52y <sup>1/</sup>
	12	10.73	10.21	10.47		12	8.13	10.29	9.21x
	average	10.73	10.21			average	8.74	8.99	
	Temperature	ns				Temperature	**		
	Time	ns				Time	ns		
	Temperature x Time	ns			Temperature x Time	**			
3	6	9.83	9.61	9.72x	12	6	6.66	6.43	6.55y
	12	6.78	7.14	6.96y		12	8.73	8.25	8.49x
	average	8.30	8.37			average	7.70	7.34	
	Temperature	**				Temperature	**		
	Time	ns				Time	ns		
	Temperature x Time	ns			Temperature x Time	**			
6	6	7.16	7.45	7.30	15	6	8.80	7.23	8.02x
	12	7.30	8.30	7.80		12	6.42	7.35	6.89y
	average	7.23	7.87			average	7.61	7.30	
	Temperature	ns				Temperature	**		
	Time	ns				Time	ns		
	Temperature x Time	ns			Temperature x Time	**			

<sup>1/</sup> Mean values followed by different letters in the same column or row are significantly different at  $P \leq 0.01$  by DMRT

ns = non-significantly different

\* = significantly different at  $P \leq 0.05$

\*\* = significantly different at  $P \leq 0.01$

**Appendix Table 7** Total free phenolics contents of reddish purple mangosteen pericarp stored at 6 and 12°C and measured immediately and after transfer to room temperature (RT) for 3 days

Days	Temperature (°C)	Time			Days	Temperature (°C)	Time		
		immediately	RT 3 days	average			immediately	RT 3 days	average
0	6	11.32	11.46	11.39	9	6	8.79	9.20	8.99
	12	11.32	11.46	11.39		12	8.82	8.03	8.43
	average	11.32	11.46			average	8.80	8.62	
	Temperature	ns				Temperature	ns		
	Time	ns				Time	ns		
	Temperature x Time	ns			Temperature x Time	*			
3	6	6.61	8.39	7.50x <sup>2/</sup>	12	6	7.37	6.87	7.12
	12	3.99	8.06	5.62y		12	6.86	7.08	6.95
	average	5.30b	8.25a <sup>1/</sup>			average	7.12	6.96	
	Temperature	**				Temperature	ns		
	Time	**				Time	ns		
	Temperature x Time	**			Temperature x Time	ns			
6	6	7.37	8.10	7.73	15	6	7.84	7.38	7.61y
	12	6.93	8.52	7.72		12	8.75	8.04	8.40x
	average	7.10b	8.31a			average	8.29	7.71	
	Temperature	ns				Temperature	*		
	Time	**				Time	ns		
	Temperature x Time	ns			Temperature x Time	ns			

<sup>1/</sup>, <sup>2/</sup> Mean values followed by different letters in the same column or row are significantly different at  $P \leq 0.01$  by DMRT

ns = non-significantly different

\* = significantly different at  $P \leq 0.05$

\*\* = significantly different at  $P \leq 0.01$



**Appendix Table 8** Changes in *p*-coumaric and sinapic acids of reddish purple mangosteen pericarp stored at 6 and 12°C for 12 days

Treatment	<i>p</i> -Coumaric acid (mg/gFW)	Sinapic acid (mg/gFW)
6°C, 0 day	1.55	0.73d <sup>1/</sup>
6°C, 6 days	1.03	0.68d
6°C, 12 days	0.86	2.33a
12°C, 0 day	1.55	0.73d
12°C, 6 days	1.23	0.92c
12°C, 12 days	1.18	1.18b
<i>F</i> -test	ns	**

<sup>1/</sup> Mean values followed by different letters in the same column are significantly different at  $P \leq 0.01$  using DMRT

ns = non-significantly different

\*\* = significantly different at  $P \leq 0.01$

**Appendix Table 9** Pericarp firmness of reddish purple mangosteen fruit stored at 6°C for 0, 6 and 12 days and transferred to room temperature (RT) for 1, 2 and 3 days

Treatment	Firmness (N)		
	Day 0	Day 6	Day 12
6°C	15.61a	15.59	17.86b <sup>1/</sup>
6°C + RT 1 day	15.26a	15.02	24.44a
6°C + RT 2 days	14.65a	15.18	28.89a
6°C + RT 3 days	13.08b	15.08	29.93a
<i>F</i> -test	**	ns	**

<sup>1/</sup> Mean values followed by different letters in the same column are significantly different at  $P \leq 0.01$  using DMRT

ns = non-significantly different

\*\* = significantly different at  $P \leq 0.01$

**Appendix Table 10** Lignin contents of reddish purple mangosteen pericarp stored at 6°C for 0, 6 and 12 days and transferred to room temperature (RT) for 1, 2 and 3 days

Treatment	Lignin contents (Abs 280 nm)		
	Day 0	Day 6	Day 12
6°C	0.60	0.62	0.67b <sup>1/</sup>
6°C + RT 1 day	0.59	0.68	0.82a
6°C + RT 2 days	0.60	0.70	0.81a
6°C + RT 3 days	0.66	0.61	0.86a
<i>F</i> -test	ns	ns	*

<sup>1/</sup> Mean values followed by different letters in the same column are significantly different at  $P \leq 0.05$  using DMRT

ns = non-significantly different

\* = significantly different at  $P \leq 0.05$

**Appendix Table 11** Total free phenolics contents of reddish purple mangosteen pericarp stored at 6°C for 0, 6 and 12 days and transferred to room temperature (RT) for 1, 2 and 3 days

Treatment	Total free phenolics contents (mg/gFW)		
	Day 0	Day 6	Day 12
6°C	9.83	10.24	9.07
6°C + RT 1 day	7.95	8.78	8.61
6°C + RT 2 days	8.61	9.08	9.91
6°C + RT 3 days	8.97	7.71	8.35
<i>F</i> -test	ns	ns	ns

<sup>1/</sup> Mean values followed by different letters in the same column are significantly different at  $P \leq 0.01$  using DMRT

ns = non-significantly different

**Appendix Table 12** Pericarp firmness of reddish purple mangosteen fruit stored at 6°C in normal air and low O<sub>2</sub> conditions and measured immediately and after transfer to room temperature (RT) for 3 days

Treatment	Days in storage			
	0	3	6	9
Normal air	17.08	19.24a	18.43	21.58b <sup>1/</sup>
Low O <sub>2</sub>	17.08	18.06ab	21.17	21.04b
Normal air + RT	-	15.45c	18.06	35.86a
Low O <sub>2</sub> + RT	-	16.18bc	23.31	33.73a
<i>F</i> -test		**	ns	**

<sup>1/</sup> Mean values followed by different letters in the same column are significantly different at  $P \leq 0.01$  using DMRT

ns = non-significantly different

\*\* = significantly different at  $P \leq 0.01$

**Appendix Table 13** Lignin contents of reddish purple mangosteen pericarp stored at 6°C in normal air and low O<sub>2</sub> conditions and measured immediately and after transfer to room temperature (RT) for 3 days

Treatment	Days in storage			
	0	3	6	9
Normal air	0.38	0.44	0.39	0.48bc <sup>1/</sup>
Low O <sub>2</sub>	0.38	0.37	0.47	0.36c
Normal air + RT	-	0.43	0.41	0.69a
Low O <sub>2</sub> + RT	-	0.47	0.50	0.59ab
<i>F</i> -test		ns	ns	**

<sup>1/</sup> Mean values followed by different letters in the same column are significantly different at  $P \leq 0.01$  using DMRT

ns = non-significantly different

\*\* = significantly different at  $P \leq 0.01$

**Appendix Table 14** Total free phenolics contents of reddish purple mangosteen pericarp stored at 6°C in normal air and low O<sub>2</sub> conditions and measured immediately and after transfer to room temperature (RT) for 3 days

Treatment	Days in storage			
	0	3	6	9
Normal air	10.44	11.77a	13.37a	9.86
Low O <sub>2</sub>	10.44	11.47a	12.06b	9.52
Normal air + RT	-	9.91b	10.70c	10.44
Low O <sub>2</sub> + RT	-	12.29a	9.42d	10.43
<i>F</i> -test		**	**	ns

<sup>1/</sup> Mean values followed by different letters in the same column are significantly different at  $P \leq 0.05$  using DMRT

ns = non-significantly different

\*\* = significantly different at  $P \leq 0.01$

**Appendix Table 15** Phenylalanine ammonia lyase (PAL) activity of reddish purple mangosteen pericarp stored at 6°C in normal air and low O<sub>2</sub> conditions and measured immediately and after transfer to room temperature (RT) for 3 days

Treatment	Days in storage			
	0	3	6	9
Normal air	1.62	4.00	4.16	2.87b <sup>1/</sup>
Low O <sub>2</sub>	1.62	2.79	2.52	1.66b
Normal air + RT	-	4.42	4.26	10.06a
Low O <sub>2</sub> + RT	-	4.49	2.57	6.24ab
<i>F</i> -test		ns	ns	*

<sup>1/</sup> Mean values followed by different letters in the same column are significantly different at  $P \leq 0.05$  using DMRT

ns = non-significantly different

\* = significantly different at  $P \leq 0.05$

**Appendix Table 16** Cinnamyl alcohol dehydrogenase (CAD) activity of reddish purple mangosteen pericarp stored at 6°C in normal air and low O<sub>2</sub> conditions and measured immediately and after transfer to room temperature (RT) for 3 days

Treatment	Days in storage			
	0	3	6	9
Normal air	2.22	1.98	1.73ab <sup>1/</sup>	1.67
Low O <sub>2</sub>	2.22	1.88	1.81a	1.71
Normal air + RT	-	1.79	1.69ab	1.61
Low O <sub>2</sub> + RT	-	1.74	1.63b	1.65
<i>F</i> -test		ns	*	ns

<sup>1/</sup> Mean values followed by different letters in the same column are significantly different at  $P \leq 0.05$  using DMRT

ns = non-significantly different

\* = significantly different at  $P \leq 0.05$

**Appendix Table 17** Peroxidase (POD) activity of reddish purple mangosteen pericarp stored at 6°C in normal air and low O<sub>2</sub> conditions and measured immediately and after transfer to room temperature (RT) for 3 days

Treatment	Days in storage			
	0	3	6	9
Normal air	1.05	3.21ab	2.18c	3.10b <sup>1/</sup>
Low O <sub>2</sub>	1.05	2.37bc	2.31c	1.31c
Normal air + RT	-	3.64a	3.74b	4.26a
Low O <sub>2</sub> + RT	-	1.78c	6.20a	4.62a
<i>F</i> -test		**	**	**

<sup>1/</sup> Mean values followed by different letters in the same column are significantly different at  $P \leq 0.01$  using DMRT

\*\* = significantly different at  $P \leq 0.01$

**Appendix Table 18** Firmness, lignin contents, total free phenolics contents and enzyme activities of reddish purple mangosteen pericarp stored at 6°C in normal air and low O<sub>2</sub> conditions and transferred to room temperature (RT) for 3 days

Treatment	Firmness (N)	Lignin contents (Abs 280 nm)	Total phenolics (mg/gFW)	PAL activity (µg/mg protein)	CAD activity (unit/mg protein)	POD activity (unit/mg protein)
6°C, 9 days	22.82c	0.47	12.17a	2.62b	2.24	3.16bc <sup>1/</sup>
6°C, 9 days + air 1 day at RT	19.71c	0.47	11.79a	6.54b	2.19	3.35b
6°C, 9 days + air 2 days at RT	25.81c	0.50	8.34c	17.43a	2.26	4.38a
6°C, 9 days + air 3 days at RT	37.29ab	0.64	10.48b	1.64b	2.31	3.01bcd
6°C, 9 days + low O <sub>2</sub> 1 day at RT	21.24c	0.40	12.07a	9.21b	2.07	2.11d
6°C, 9 days + low O <sub>2</sub> 2 days at RT	32.42b	0.42	9.63b	9.32b	2.42	2.93bcd
6°C, 9 days + low O <sub>2</sub> 3 days at RT	41.34a	0.52	11.36a	4.52b	2.39	2.30cd
<i>F</i> -test	**	ns	**	**	ns	**

<sup>1/</sup> Means values followed by different letters in the same parameter were significantly different at  $P \leq 0.01$  using DMRT

ns = non-significantly different

\*\* = significantly different at  $P \leq 0.01$

**Appendix Table 19** Pericarp firmness of reddish purple mangosteen fruit stored at 6°C for 9 days and transferred to room temperature (RT) for 3 days in normal air and low O<sub>2</sub> conditions

Treatment	Days in storage				
	0	9	9+RT 1 day	9 + RT 2 days	9 + RT 3 days
Normal air	16.66±1.05	22.82±2.79	19.71±1.22	25.81±4.20	37.29±9.02
Low O <sub>2</sub>	16.66±1.05	22.82±2.79	21.24±1.62	32.42±2.82	41.34±2.67
<i>t</i> -test	ns	ns	ns	*	ns

ns = non-significantly different

\* = significantly different at  $P \leq 0.05$

**Appendix Table 20** Lignin contents of reddish purple mangosteen pericarp stored at 6°C for 9 days and transferred to room temperature (RT) for 3 days in normal air and low O<sub>2</sub> conditions

Treatment	Days in storage				
	0	9	9+RT 1 day	9 + RT 2 days	9 + RT 3 days
Normal air	0.38±0.06	0.47±0.05	0.47±0.07	0.50±0.08	0.64±0.10
Low O <sub>2</sub>	0.38±0.06	0.47±0.05	0.40±0.06	0.42±0.05	0.52±0.09
<i>t</i> -test	ns	ns	ns	ns	ns

ns = non-significantly different



**Appendix Table 21** Total free phenolics contents of reddish purple mangosteen pericarp stored at 6°C for 9 days and transferred to room temperature (RT) for 3 days in normal air and low O<sub>2</sub> conditions

Treatment	Days in storage				
	0	9	9+RT 1 day	9 + RT 2 days	9 + RT 3 days
Normal air	10.62±0.45	12.17±0.47	11.79±0.53	8.34±0.26	10.48±0.45
Low O <sub>2</sub>	10.62±0.45	12.17±0.47	12.07±0.11	9.63±0.82	11.36±0.15
<i>t</i> -test	ns	ns	ns	*	*

ns = non-significantly different

\* = significantly different at  $P \leq 0.05$

**Appendix Table 22** Phenylalanine ammonia lyase (PAL) activity of reddish purple mangosteen pericarp stored at 6°C for 9 days and transferred to room temperature (RT) for 3 days in normal air and low O<sub>2</sub> conditions

Treatment	Days				
	0	9	9+RT 1 day	9 + RT 2 days	9 + RT 3 days
Normal air	7.26±1.60	2.62±0.73	9.21±2.33	17.43±5.25	1.64±0.61
Low O <sub>2</sub>	7.26±1.60	2.62±0.73	6.54±2.87	9.32±2.31	4.52±2.41
<i>t</i> -test	ns	ns	ns	*	ns

ns = non-significantly different

\* = significantly different at  $P \leq 0.05$

**Appendix Table 23** Cinnamyl alcohol dehydrogenase (CAD) activity of reddish purple mangosteen pericarp stored at 6°C for 9 days and transferred to room temperature (RT) for 3 days in normal air and low O<sub>2</sub> conditions

Treatment	Days in storage				
	0	9	9+RT 1 day	9 + RT 2 days	9 + RT 3 days
Normal air	2.18±0.13	2.24±0.11	2.19±0.11	2.26±0.13	2.31±0.12
Low O <sub>2</sub>	2.18±0.13	2.24±0.11	2.07±0.14	2.42±0.15	2.39±0.07
<i>t</i> -test	ns	ns	ns	ns	ns

ns = non-significantly different

**Appendix Table 24** Peroxidase (POD) activity of reddish purple mangosteen pericarp stored at 6°C for 9 days and transferred to room temperature (RT) for 3 days in normal air and low O<sub>2</sub> conditions

Treatment	Days in storage				
	0	9	9+RT 1 day	9 + RT 2 days	9 + RT 3 days
Normal air	2.71±0.13	3.12±0.55	3.35±0.52	4.38±0.51	3.00±0.60
Low O <sub>2</sub>	2.71±0.13	3.12±0.55	2.11±0.44	2.93±0.54	2.30±0.36
<i>t</i> -test	ns	ns	**	**	ns

ns = non-significantly different

\*\* = significantly different at  $P \leq 0.01$

