



Alleviation of cold stress induced oxidative stress in White Leghorn Chicken by Chromium and Vitamin C supplementation

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Supplementary Table 1. Average, minimum and maximum ambient temperature during different periods

Hour	AT (°C)	P1 (1-15 Dec., 2019)	P2 (16-30 Dec., 2019)	P3 31 Dec., 2019- 14 Jan., 2020)	P4 (15-29 Jan., 2020)
0 h	Average	14.74	13.29	13.27	12.63
	Minimum	13.61	10.78	9.88	10.11
	Maximum	17.78	16.22	17.27	15.38
6 h	Average	13.84	13.26	13.33	11.72
	Minimum	12.11	9.28	9.22	8.72
	Maximum	17.39	22.72	21.27	15.27
12 h	Average	22.20	19.64	18.21	20.26
	Minimum	19.50	13.89	12.50	15.72
	Maximum	25.22	23.72	23.88	25.27
18 h	Average	16.35	14.42	14.50	14.45
	Minimum	15.00	12.50	10.77	11.22
	Maximum	18.78	17.11	17.72	16.88

Supplementary Table 2. Average, minimum and maximum relative humidity (RH) during different periods

Hour	RH (%)	P1 (1-15 Dec., 2019)	P2 (16-30 Dec., 2019)	P3 31 Dec. 2019- 14 Jan., 2020)	P4 (15 - 29 Jan., 2020)
0 h	Average	68.44	52.87	75.17	70.57
	Minimum	44.90	30.60	27.80	35.00
	Maximum	89.80	92.30	99.90	92.40
6 h	Average	71.05	49.15	77.01	67.09
	Minimum	46.50	17.80	26.50	22.00
	Maximum	86.10	97.90	100.0	93.10
12 h	Average	44.82	40.25	62.67	41.46
	Minimum	28.10	26.50	35.20	27.50
	Maximum	55.60	86.90	98.70	75.70
18 h	Average	60.81	49.65	73.35	63.57
	Minimum	31.20	28.60	35.90	44.10
	Maximum	85.70	91.50	98.40	91.50