

Supplementary (SP1): Effect of output price variations on risk management at different supplementation

levels of basal diets on Gross Margin

Ration		Levels of concentrate supplementation /Kg of basal diet and corresponding Cost (Kes/Kg)				
		0.1	0.2	0.3	0.4	0.5
MS+CSC+M	Prod.cost	13.67	20.34	18.50	23	27.5
	MPc (33)	19.33	19.33	14.5	10	5.5
	MPfw (30)	16.33	9.66	11.5	7	2.5
	MPfd (45)	31.33	24.66	26.5	22	17.5
	MPpm (25)	11.33	4.66	7.50	2	(2.5)
MS+CSC+M+DES	Prod.cost	13.92	20.84	Na	Na	Na
	MPc (33)	19.08	12.16	Na	Na	Na
	MPfw (30)	16.08	9.16	Na	Na	Na
	MPfd (45)	31.08	24.16	Na	Na	Na
	MPpm (25)	11.08	4.16	Na	Na	Na
MS+CSC+M+CALLN	Prod.cost	13.82	13.97	Na	Na	Na
	MPc (33)	19.18	19.03	Na	Na	Na
	MPfw (30)	16.18	16.03	Na	Na	Na
	MPfd (45)	31.18	31.03	Na	Na	Na
	MPpm (25)	11.18	11.03	Na	Na	Na''
MS+CSC+M+SESB	Prod.cost	13.82	13.97	Na	Na	Na
	MPc (33)	19.18	19.03	Na	Na	Na
	MPfw (30)	16.18	16.03	Na	Na	Na
	MPfd (45)	31.18	31.03	Na	Na	Na
	MPpm (25)	11.18	11.03	Na	Na	Na
MS+CSC+M+SPV	Prod.cost	13.97	14.27	Na	Na	Na
	MPc (33)	19.03	18.73	Na	Na	Na
	MPfw (30)	16.03	15.73	Na	Na	Na
	MPfd (45)	31.03	30.73	Na	Na	Na
	MPpm (25)	11.03	10.73	Na	Na	Na
STC+CSC	Prod.cost	20.3	23.6	26.9	30.2	33.5
	MPc (33)	12.7	9.4	6.1	2.8	(0.5)
	MPfw (30)	9.7	6.4	3.1	0.2	(3.5)
	MPfd (45)	24.7	21.4	18.1	15.2	11.5
	MPpm (25)	4.7	1.4	(1.9)	(4.8)	(8.5)
Napier + CSC	Cost(DS)	23	26	29	32	35
	Cost(Ws)	18.5	22	25.5	31	32.50
	MPc (33)	14.5	11	7.5	2	(0.5)
	MPfw (30)	11.5	8	4.5	(1)	(3.5)
	MPfd (45)	22	19	16	13	10
MS+FM	MPpm (25)	2	(1)	(4)	(7)	(10)
	Cost(DS)	12	19	26	33	40
	MPc (33)	14.5	11	7.5	2	(0.5)
	MPfw (30)	11.5	8	4.5	(1)	(3.5)
	MPfd (45)	22	19	16	13	10
Napier+FM	MPpm (25)	2	(1)	(4)	(7)	(10)
	Cost (DS)	25.5	31	36.5	38	47.5
	Cost (WS)	21	27	33	36	45
	MPc (33)	14.5	11	7.5	2	(0.5)