

Supplementary Table 1. Ingredients and proximate composition of red deer ration (% on DM basis¹).

Item	Concentrate	Total mixed ration
<i>Ingredient composition</i>	19.2	-
Corn	22.6	-
Wheat	11.3	-
Barley sprouts	13.6	-
Barley, 10.5% CP	7.7	-
Wheat bran, 20% starch	0.9	-
Sunflower mea., 28% CP	6.3	-
Palm kernel expeller	11.3	-
Soybean hulls	11.3	-
Alfalfa meal, 15% CP	4.5	-
Molasses, sugarcane	0.9	-
Grape seed	0.3	-
Palm oil	1.9	-
Calcium carbonate	0.7	-
Salt	0.5	-
Vitamin and mineral premix ²	-	-
Oat	-	27.6
Alfalfa meal, dehydrated	-	48.4
Cereal Straw, from barley	-	20.8
Citrus Pulp, form orange	-	13.5
<i>Proximate composition</i>		
Moisture	11.6	30.1
CP	15.6	15.6
Ether extract	3.6	1.2
Crude fiber	15.3	34.9
ADF	20.0	38.6
NDF	35.6	57.2
Ash	7.9	10.1
Ca	1.1	1.6
P	0.5	0.2
Mn, ppm	117.8	30.5

¹ Unless otherwise indicated. ² Supplied per kg of concentrate: vitamin A (trans-retinyl acetate), 10,000 IU; vitamin D3 (cholecalciferol), 2,000 IU; vitamin E (all-rac-tocopherol-acetate), 15 mg; Mn (MnSO₄ · H₂O), 75 mg; Fe (FeCO₃), 50 mg; Zn (ZnSO₄ · H₂O), 115 mg; I (KI), 2 mg; Cu (CuSO₄ · 5H₂O), 7.5 mg; Se (Na₂SeO₃), 0.22 mg; Co (2CoCO₃ · 3Co(OH)₂ · H₂O), 0.83 mg; ethoxyquin, 0.025 mg; BHT (butilhidrotoluen), 0.18 mg; BHA (butylhydroxyanisole), 0.016 mg; sepiolite, 950 mg.