



Typical Analysis Charts

HorseHage – Typical Nutrient Analysis (dry matter basis)

	Ryegrass	High Fibre	Timothy	Alfalfa	Hay
Energy MJ/kg	9 – 11.5	7 – 10	8 – 10	8.5 – 11	7 – 10
Protein %	9 – 12	7 – 10	8 – 9	12 – 15	6 – 12
MAD Fibre %	32 – 36	34 – 40	35 – 37	38 – 42	30 – 42
Calcium %	0.4 – 0.6	0.4 – 0.6	0.4 – 0.6	0.8 – 1.0	0.25 – 0.6
Phosphorus g/kg	2 – 3	2 – 3	2 – 3	2 – 4	1.7 – 3
Beta Carotene mg/kg	100	50	50	150	*
Vitamin E mg/kg	10	10	10	12	*
Vitamin B1 mg/kg	2.0	2.0	2.0	2.0	*
Vitamin B2 mg/kg	3.0	3.0	3.0	4.0	*
Vitamin B6 mg/kg	6.0	6.0	6.0	7.0	*
Niacin mg/kg	20	20	20	25	*
Pantothenic Acid mg/kg	15	15	15	30	*
Folic Acid mg/kg	0.6	0.6	0.6	0.8	*
Biotin mg/kg	0.06	0.06	0.06	0.075	*
Dry Matter %	55	60	60	55	85 – 92
Sugar %	<5	<5	<5	<5	8 – 12
Starch %	1 – 2	1 – 2	1 – 2	1 – 2	1

The figures represent typical samples. Individual analyses must be undertaken on particular samples for complete accuracy.

* After six months storage, most hay samples have negligible levels of vitamins.