

EQUINE NUTRIENT REQUIREMENTS

Life Stage		Energy (DE Mcal/day)	Protein (g/day)	Lysine (g/day)	Vit A (kIU/day)	Vit E (IU/day)
Maintenance	Easy Keeper	14	486	21	13.5	450
	Normal	15	567	24	13.5	450
	Hard keeper	16	648	28	13.5	450
Stallion	Nonbreeding	16	648	28	13.5	450
	Breeding	20	710	31	20.25	720
Exercise	Light	18	629	27	20.25	720
	Moderate	21	691	30	20.25	810
	Heavy	24	776	33	20.25	900
	Very Heavy	31	904	39	20.25	900
Pregnancy	< 5 months	15	567	24	27	720
	5 months	15.5	617	27	27	720
	6 months	16	634	27	27	720
	7 months	16.5	656	28	27	720
	8 months	17	683	29	27	720
	9 months	17.5	717	31	27	720
	10 months	18	757	33	27	720
	11 months	19.5	804	35	27	720
Lactation	1 months	29	1382	76	27	900
	2 months	29	1377	76	27	900
	3 months	28	1321	72	27	900
	4 months	27	1258	68	27	900
	5 months	26	1197	64	27	900
	6 months	25	1139	60	27	900
Growing	4 months	12	602	26	7	304
	6 months	14	609	26	9	389
	12 months	17	762	33	13	578
	18 months	19	719	31	16	698
	24 months	17	693	30	17	773
Growing Exercise	18 Light Exercise	22	768	33	16	698
	18 Moderate Exercise	23	816	35	16	698
	24 Light Exercise	21	746	32	17	773
	24 Moderate Exercise	23	799	34	17	773
	24 Heavy Exercise	25	872	38	17	773
	24 Very Heavy Exercise	29	982	42	17	773

* Based on 1000lb Body Weight or Estimated Mature Body Weight (Growing)

Source—NRC 2007