

Analysis of Grains

GRAINS	PROTEIN	Ruminants Energy mj/ kg	Poultry A.M.E. mj/kg	Pigs A.D.E. mj/kg	FAT	FIBRE	ASH
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CEREAL

Corn (Maize)	9.5	12.1	13.6	14.5	3.4	2.5	1.1
Sorghum	9.8	11.7	13.8	14.2	2.8	2.1	1.3
Wheat	12.0	11.7	12.9	14.2	1.2	2.7	1.4
Barley	10.9	11.7	12.0	12.9	1.7	7.0	2.4
Millet (White)	13.2	10.1	12.5	12.9	4.0	8.0	4.4
Oats	9.4	10.8	11.6	12.0	6.5	12.9	3.2
Triticale	12.0	11.7	13.1	14.0	2.1	3.1	1.9

LEGUME

Lupins	28.9	11.8	9.7	14.2	5.4	13.0	2.8
Chickpeas	20.6	10.0	12.2	13.8	4.4	7.7	3.3
Dunn Peas	17.7	12.1	11.6	14.2	1.1	6.0	-
Field Peas	22.0	12.0	12.3	13.5	1.6	5.4	2.8

OILSEED

Linseed	34.8	11.7	5.9	13.5	2.9	9.9	4.7
Sunflower seed	14.9	14.9	13.8	17.5	29.8	26.9	3.1
Soybean	38.0	13.4	13.8	19.5	19.0	5.5	4.6
Canola	21.5	13.2	13.6	18.1	39.5	7.4	5.2

A.M.E.— Apparent Metabolisable Energy

A.D.E.— Apparent Digestible Energy

Expressed on an “As Fed” basis.

NB:- The above figures are only a guide, protein and energy levels will vary from crop to crop and with different varieties.