

## Field Trials Hay Nutrient Analysis

Used as a *GUIDELINE* for Nutritional Trends in Comparison

Tested For:	Normal	Steamed
	Hay	Hay
Moisture %	14.85	20.29
<b>PROTEIN</b>		
Protein % (NX6.25)	10.28	9.47
ADF-CP %	1.87	1.68
Soluble Protein %	2.29	1.65
SP % of CP	22.29	17.42
UIP Bypass Est. % of CP	38.86	41.29
<b>FIBRES</b>		
Acid Detergent Fibre %	37.04	35.52
Neutral Detergent Fibre %	48.58	48.32
Lignin %	11.21	9.94
<b>MINERALS</b>		
Calcium %	0.64	0.58
Phosphorus %	0.16	0.15
Sodium %	0.03	0.02
Potassium %	0.94	0.97
Magnesium %	0.16	0.15
Zn (ppm)	10.87	10.31
Manganese (ppm)	22.8	20.5
Copper (ppm)	4.31	4.44
Iron (ppm)	98.5	62.79
<b>ENERGY</b>		
Digestable Energy	1.66	1.54
<b>OTHER</b>		
Relative Feed Value	89.7	83.15

Samples were taken on a limited number of samples.

Normal hay is average grass hay found in Eastern Ontario.

Steamed hay is the Normal hay bale, steam processed

Water used was obtained from a water softner

Nutrient value is taken as a field trial to offer indications of values.