



Silage Feed Value Guideline Levels



Target Ranges for High Intakes and Production

Factor	Unit of Measurement	Grass Silage	Maize Silage	Whole Crop Silage
Dry Matter	%	22 - 28	30 - 35	40 - 55
D Value	%	60 - 75	70 - 75	70 - 75
ME	MJ/kg	10.5 - 12	11 - 12	11 - 12
FME	MJ/kg	7.5 - 8.5	9 - 10	9 - 10
FME : ME	%	70 - 80	75 - 85	75 - 85
Crude Protein	%	14.0 - 17.0	8.0 - 10.0	12.0 - 17.0
ERDP	%	8.5 - 10.5	5.0 - 6.0	8.5 - 10.5
DUP	%	3.0 - 3.5	1.5 - 2.0	1.5 - 2.0
pH	-	3.8 - 4.3	3.8 - 4.3	4.3 - 4.8
Ammonia - N	% of total N	4 - 8	3 - 6	9 - 13
Sugars	%	2.0 - 5.0	0 - 3.0	2.0 - 4.0
Ash	%	6.0 - 10.0	4.0 - 6.0	6.0 - 10.0
NDF - Fibre	%	40.0 - 57.0	36.0 - 47.0	40.0 - 50.0
ADF - Fibre	%	22.5 - 33.0	14.0 - 22.0	25.0 - 35.0
Starch	%	N/A	25.0 - 35.0	25.0 - 35.0
Lactic Acid	g/kg	60 - 90	0 - 50	30 - 60
Acetic Acid	g/kg	0 - 20	0 - 10	0 - 10

KEY M.E. - Metabolisable Energy
 F.M.E - Fermentable Metabolisable Energy
 F.M.E: M.E. - Ratio of FME to ME
 E.R.D.P - Estimated Rumen Degradable Protein

D.U.P - Digested Undegradable Protein
 N.D.F - Neutral Detergent Fibre
 A.D.F - Acid Detergent Fibre



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