

Forage Analysis Report

Carrs Billington Agriculture (Sales

Farm Harper Adams

Material Type Maize Silage

Variety

Lab Report No. L529547

Contact David Howard

Additive

Received Date 28/05/26



E26101081

Analysis Results (DM Basis)

Unit

Result

Low

High

Dry Matter	%	31.2	
Protein	%	8.7	
D Value	%	74.0	
ME	MJ/kg	11.6	
pH		3.6	
Ammonia	%	3.7	
Ash	%	3.5	
Starch	%	28.7	
Starch Degradability	%	74.9	
NDF	%	41.7	
Digestible NDF	%	75.4	
ADF	%	21.9	
Lignin	g/kg	21.2	
Lactic Acid	g/kg	62.2	
Intake	g/kg BW ^{0.75}	105.9	

Protein: s= 0.51; a= 0.72; b= 0.11; c=0.021

Dry Matter: s= 0.46; a= 0.46; b= 0.44; c=0.021

Fibre= 17.6%; Oil A= 2.4%

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NutriOpt Values (Dry Matter)	Unit	Result	Low	High
Rapid Ferm. Carbs (RFC)	g/kg	190.1	110	290
Total Ferm. Carbs (TFC)	g/kg	515.4	400	520
Rapid Ferm. Protein (RFP)	g/kg	44.3	10	70
Total Ferm. Protein (TFP)	g/kg	58.7	15	75
Acid Load		43.2	35	65
Fibre Index		149.9	75	225
Glucogenic Energy	g/kg	205.8	180	220
Bypass Starch	g/kg	69.6	30	150
DyNE	MJ/kg	7.11	5.6	6.8
NDIP	g/kg	58.3	30	60
NDIP Lysine	g/kg	4.19	2.4	4.2
NDIP Methionine	g/kg	1.08	0.4	1.0
Ferm. Energy & Protein Bal.	g/kg	-36.2	-55	25
RUFAL	g/kg	13.3	5	15