

## HOW TO CALCULATE Potential Fermentable Fiber (pFF or pfNDF)

pFF = potential Fermentable Fiber =

NDF – Indigestible Fiber = NDF – ( 100 - TDN ) – FML

calculate NDF(Neutral Detergent Fiber) and TDN (Total Digestible Nutrients) on a dry matter basis –  
you can obtain this information from a hay or feed analysis

FML = Fecal metabolic loss, around 10% for grain, 12% for byproduct feeds and 15% for forages

Indigestible Fiber is (100 - TDN) - FML

Hay Samples	Indigest.						CP
	NDF	TDN	FML	Fiber	pFF		
WestHill1	57.3	58	15	27	30.3	15.6	
WestHill2	58.4	47	15	38	20.4	19.4	
WestHill3	65.8	59	15	26	39.8	8.6	
Shannon1Outdoors	56.9	58	15	27	29.9	8.3	
Shannon2Indoors	55.6	59	15	26	29.6	6.7	

# of lambs/kids	Early Pregnancy		Late Pregnancy		Early lactation		Late lactation		
	1	2	3	1	2	3	1	2	3
DDM%	55	60	63	65	65	70	75	60	65
DMI, lb	3	4	4.2	4.4	6	7	8	5	5.5
CP%	10	11	11.5	12	14	15	16	12	13
INDF	30	25	23	20	20	15	10	25	20
FF	20	22	22	22	22	26	30	21	25