



When should I submit samples for a fatty acid analysis?

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Composition of Corn Co-Products

	WDG	MDGS	DDG	DDGS
DM, %	25-35	50	88-90	88-90
CP, %	30-35	30-35	25-35	25-32
Fat, %	8-12	8-12	8-10	8-10
NDF, %	30-50	30-50	40-45	39-45

From Tjardes and Wright (2002).



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Forage FA Variation

FA, % DM	Netherlands ¹		USA ²
	Grass Silage	Corn Silage	Corn Silage
Mean	1.9	2.0	2.5
Minimum	0.8	1.2	1.6
Maximum	3.3	3.5	3.6

¹Khan et al., 2012 Anim Feed Sci Tech. 174: 36-45

²Klein, Ploetz, Jenkins, & Lock. 2013 ADSA Abstract #73



When should I submit samples for a fatty acid analysis?

Feed Libraries use the same fat values for all corn silages

help

As Fed

Feed Dictionaries

Forage

Protein | Carbohydrate | Fat | Amino Acids | Macro Minerals | Micro Minerals | Vitamins | R

Feed Name	Cost	DM	Fat Type	EE	TFA dm
CrnSilPr40Dm41NdfCrse	0.00	40.00	1	3.19	2.21
CrnSilPr40Dm41NdfMed	0.00	40.00	1	3.19	2.21
CrnSilPr40Dm45NdfCrse	0.00	40.00	1	3.19	2.21
CrnSilPr40Dm45NdfMed	0.00	40.00	1	3.19	2.21
CrnSilPr40Dm49NdfCrse	0.00	40.00	1	3.19	2.21
CrnSilPr40Dm49NdfMed	0.00	40.00	1	3.19	2.21
CrnSilPr41NdfNPNMed	0.00	35.00	1	3.19	2.21
CrnSilPr45NdfNPNMed	0.00	35.00	1	3.19	2.21
CrnSilPr49NdfNPNMed	0.00	35.00	1	3.19	2.21
CrnSilUp25Dm41NdfCrse	0.00	25.00	1	3.19	2.21
CrnSilUp25Dm41NdfFine	0.00	25.00	1	3.19	2.21
CrnSilUp25Dm41NdfMed	0.00	25.00	1	3.19	2.21
CrnSilUp25Dm45NdfCrse	0.00	25.00	1	3.19	2.21
CrnSilUp25Dm45NdfFine	0.00	25.00	1	3.19	2.21
CrnSilUp25Dm45NdfMed	0.00	25.00	1	3.19	2.21
CrnSilUp25Dm49NdfCrse	0.00	25.00	1	3.19	2.21
CrnSilUp25Dm49NdfFine	0.00	25.00	1	3.19	2.21
CrnSilUp25Dm49NdfMed	0.00	25.00	1	3.19	2.21
CrnSilUp30Dm41NdfCrse	0.00	30.00	1	3.19	2.21
CrnSilUp30Dm41NdfFine	0.00	30.00	1	3.19	2.21
CrnSilUp30Dm41NdfMed	0.00	30.00	1	3.19	2.21
CrnSilUp30Dm45NdfCrse	0.00	30.00	1	3.19	2.21
CrnSilUp30Dm45NdfFine	0.00	30.00	1	3.19	2.21
CrnSilUp30Dm45NdfMed	0.00	30.00	1	3.19	2.21
CrnSilUp30Dm49NdfCrse	0.00	30.00	1	3.19	2.21
CrnSilUp30Dm49NdfFine	0.00	30.00	1	3.19	2.21
CrnSilUp30Dm49NdfMed	0.00	30.00	1	3.19	2.21
CrnSilUp35Dm41NdfCrse	0.00	35.00	1	3.19	2.21
CrnSilUp35Dm41NdfFine	0.00	35.00	1	3.19	2.21
CrnSilUp35Dm41NdfMed	0.00	35.00	1	3.19	2.21
CrnSilUp35Dm45NdfCrse	0.00	35.00	1	3.19	2.21
CrnSilUp35Dm45NdfFine	0.00	35.00	1	3.19	2.21
CrnSilUp35Dm45NdfMed	0.00	35.00	1	3.19	2.21
CrnSilUp35Dm49NdfCrse	0.00	35.00	1	3.19	2.21
CrnSilUp35Dm49NdfFine	0.00	35.00	1	3.19	2.21
CrnSilUp35Dm49NdfMed	0.00	35.00	1	3.19	2.21
CrnSilUp40Dm41NdfCrse	0.00	40.00	1	3.19	2.21
CrnSilUp40Dm41NdfFine	0.00	40.00	1	3.19	2.21
CrnSilUp40Dm41NdfMed	0.00	40.00	1	3.19	2.21

Use the Escape key to turn off selections.



When should I submit samples for a fatty acid analysis? Forage FA Variation

Ingredient	1.5 % CS	3.5 % CS
Corn Silage, Med Chppd	152	349
AlfHay2 20Cp40Ndf17LNDF	26	26
CrnGrn56DryFine	139	139
Citrus Pulp Grnd	6	6
Cottonsd WLint	142	142
Megalac	48	48
Soybean ML 47.5 Solv	60	60
Other (mineral, vitamin, trace supplements)	0	0
Total	573	770



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