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Feed	NE
Ground Corn	0.89
Beet Pulp	0.788
Dried Brewers Grain	0.69
Citrus Pulp	0.857
Corn Gluten Feed	0.866
Distillers Grains w/Solubles	0.925
Rice Bran	0.777
Soybean Hulls	0.812
Wheat Midds	0.838
	MacGregor,2000. Directory of Feeds and Feed Ingredien



Effect of Replacing Corn with a Mixture of Fibrous-Byproduct Feeds						
Var	riable	Control	C30	C50		
Tot	al VFA, mM	100.4	97.3	98.5		
pН		6.13	6.11	6.25		
DN	1I, kg/d	24.1	23.1	23.3		
Mill	k, Kg/d	28.6	26.6	28.4		
Mill	k fat, %	3.83	3.98	3.71		
Mill	k Protein, %	3.33	3.31	3.23		
Mowery et al., 1999. J Dairy Sci. 82:2709						



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	Impact of Varying Amounts of Soyhulls as Replacement for Corn Grain – Total Tract Digestion						
	Item		% \$	Soyhulls in	Diet		
		0	10	20	30	40	
	DM	72.6	73.0	73.0	71.2	69.4	
	OM	73.4	74.1	74.5	73.5	70.9	
	NSC	92.1	93.6	93.2	92.2	87.6	
	NDF	52.0	56.0	58.3	57.6	58.9	
	ADF	51.5	58.2	56.0	56.1	56.3	
Ipharraguerre et al., J. Dairy Sci. 2002. 85:2890							

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Impact of Varying Amounts of Soyhulls as Replacement for Corn Grain – Production

Item	% Soyhulls in Diet				
	0	10	20	30	40
DMI, Kg	23.8	24.8	24.4	22.9	22.7
Milk, Kg	29.5	29.3	29.9	29.3	28.3
Fat, %	3.60	3.61	3.67	3.53	3.91
Protein, %	3.17	3.15	3.17	3.12	3.13

Ipharraguerre et al., J. Dairy Sci. 2002. 85:2905









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Effect of Tallow on Milk Production at 2 Dietary Levels of ADF					
	21%	ADF	28%	ADF	
	No Fat	Tallow	No Fat	Tallow	
DMI, kg	24.4	21.7	23.7	21.5	
Milk, kg	37.5	38.9	34.7	38.0	
Fat, %	3.4	2.9	3.5	3.2	
Protein, %	3.5	3.3	3.4	3.1	
			Tackett	et al., J. Dairy Science. 19	





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Effect of Substituting Sucrose for Starch on Production

	% Added Sucrose				
	0	2.5	5.0	7.5	
DMI, kg	24.5	25.4	26.0	26.0	
Milk, Kg	38.8	40.6	39.4	39.3	
Fat, %	3.81	3.80	4.08	4.16	
Protein, %	3.23	3.23	3.27	3.29	
Lactose, %	4.75	4.74	4.77	4.74	

Broderick et al., 2008. J. Dairy Sci. 91:4801





















