

**Table 9. Amino acid content (wt % of total protein) of a subset of samples from the 2002 Survey.**

Region	State	Number of Samples	LYS*		MET*		CYS*		TSAA*		TRP*		THR*	
			% Avg	Std Dev	% Avg	Std Dev	% Avg	Std Dev	% Avg	Std Dev	% Avg	Std Dev	% Avg	Std Dev
Western	Iowa	38	6.52	0.09	1.46	0.05	1.85	0.14	3.31	0.18	1.31	0.14	3.92	0.07
Corn Belt	Minnesota	18	6.53	0.07	1.42	0.04	1.74	0.11	3.16	0.14	1.28	0.12	3.90	0.06
	Missouri	12	6.54	0.07	1.50	0.07	1.89	0.12	3.40	0.18	1.30	0.09	3.88	0.07
	Nebraska	14	6.51	0.09	1.53	0.07	1.94	0.12	3.47	0.18	1.21	0.08	3.93	0.08
	North Dakota	6	6.59	0.08	1.46	0.07	1.85	0.07	3.32	0.14	1.32	0.06	3.93	0.06
	South Dakota	9	6.56	0.08	1.51	0.08	1.88	0.15	3.39	0.23	1.24	0.13	3.97	0.10
	Averages	97	6.53	0.10	1.47	0.03	1.85	0.05	3.32	0.08	1.28	0.04	3.92	0.06
	Ranges		6.36-6.84		1.34-1.63		1.47-21.5		2.82-3.76		1.05-1.67		3.75-4.11	
Eastern	Illinois	29	6.55	0.07	1.48	0.04	1.91	0.13	3.39	0.15	1.38	0.11	3.92	0.09
Corn Belt	Indiana	19	6.51	0.08	1.44	0.06	1.81	0.13	3.26	0.17	1.32	0.10	3.89	0.08
	Michigan	5	6.51	0.09	1.42	0.03	1.77	0.08	3.19	0.10	1.28	0.15	3.89	0.07
	Ohio	12	6.53	0.10	1.47	0.06	1.79	0.12	3.26	0.17	1.35	0.14	3.85	0.12
	Wisconsin	5	6.60	0.09	1.49	0.06	1.88	0.16	3.37	0.21	1.27	0.16	4.00	0.05
	Averages	70	6.54	0.10	1.47	0.02	1.86	0.04	3.32	0.06	1.34	0.04	3.91	0.06
	Ranges		6.31-6.73		1.28-1.56		1.53-2.14		2.88-3.67		1.04-1.60		3.70-4.17	
Midsouth	Arkansas	8	6.44	0.15	1.44	0.05	1.94	0.12	3.38	0.17	1.38	0.12	3.88	0.06
	Ranges		6.27-6.64		1.37-1.53		1.80-2.11		3.17-3.58		1.09-1.46		3.78-4.01	
Southeast	North Carolina	3	6.60	0.07	1.51	0.09	1.95	0.21	3.46	0.29	1.30	0.04	3.99	0.08
	Ranges		6.55-6.68		1.42-1.60		1.71-2.09		3.13-3.69		1.25-1.33		3.90-4.07	
USA	Averages	178	6.53	0.09	1.47	0.06	1.86	0.14	3.33	0.19	1.31	0.12	3.91	0.08
	Ranges		6.27-6.84		1.28-1.63		1.47-2.15		2.82-3.76		1.04-1.67		3.70-4.17	

Basis: 13% Moisture

\*LYS = Lysine, MET = Methionine, CYS = Cysteine, TSAA = total sulfur-containing amino acids (MET+CYS), TRP = Tryptophan, THR = Threonine