

Table 1. Forage analyses of grass and hay samples collected near Central and Elizabeth, Indiana. Analyses performed by Equi-analytical Laboratory, Ithaca, New York. **Use red column for carbohydrate estimate. This value should be less than ~10% for equines at risk.**

Description	WSC%	ESC%	Starch%	ESC% + Starch%	NDF%	Crude Protein
Pasture 1	11.5	10.4	0.2	10.6	58.6	17.4
Pasture 2	21.6	19.6	1.7	21.3	46.8	19.7
Hay 1	12.6	7.5	1.5	9.0	50.2	9.5
Hay 2	10.4	5.3	2.2	7.5	57.6	6.0
Hay 3	10.8	5.5	1.7	7.2	57.7	7.7
Hay 4	8.5	5.4	1.7	7.1	40.7	15.9
Hay 5	9.8	5.2	1.2	6.4	59.6	7.7
Hay 6	10.1	5.9	1.6	7.5	47.1	15.5
Hay 7	10.8	6.8	1.4	8.2	56.0	9.9
Hay 8	11.3	6.7	1.0	7.7	54.0	10.0
Hay 9	12.3	7.2	1.0	8.2	59.7	8.6
Hay 10	7.2	4.1	0.2	4.3	62.8	13.4
Hay 11	10.8	6.6	0.4	7.0	54.1	9.7
Hay 12	10.3	6.6	1.0	7.6	61.1	8.7
Hay 13	6.5	4.6	1.6	6.2	61.3	8.2
Hay 14	11.0	6.5	1.8	8.3	56.8	8.2
Hay 15	9.7	6.4	1.0	7.4	60.6	9.1
Hay 16	6.1	3.6	2.8	6.4	64.3	7.8
Hay 17	7.0	4.8	1.3	6.1	55.8	14.3

WSC% = Water Soluble Carbohydrates (simple sugars plus fructan), ESC% = Ethanol Soluble Carbohydrates (simple sugars), **ESC% + Starch% = Total Sugars**, NDF% =

Neutral Detergent Fiber, % = percentage by weight dry matter (dm) for pasture samples and "as sampled", or "as fed", for hay samples

Pasture 1: Mixed grass, not grazed, sample collected 8:00 AM, 05.13.2013, light frost

Pasture 2: Mixed grass, overgrazed, sample collected 5:30 PM, 05.13.2013

Hay 1: Mixed grass, square bales, early season 2012

Hay 2: Mixed grass, square bales with some weeds, rough

Hay 3: Mixed grass, round bale, late cutting 2012

Hay 4: Alfalfa, square bales, late cutting 2012

Hay 5: Fescue, square bales, last cutting 2012

Hay 6: Alfalfa (70%)/orchard grass mix, square bales, second cutting 07.01.2012, drought conditions

Hay 7: Mixed grass, square bales, first cutting 05.27.2013, Central

Hay 8: Mixed grass, square bales, first cutting 06.05.2013, Central

Hay 9: Mixed grass, square bales, first cutting 05.28.2013, Elizabeth

Hay 10: Timothy, square bales, first cutting 06.05.2013, Elizabeth

Hay 11: Purina Hydration Hay Block, mixed grasses, alfalfa, vegetable oil

Hay 12: Mixed grasses, square bales, Champion Horse Pasture, first cutting 06.05.2013

Hay 13: Gamagrass, native warm season grass, first cutting, 08.21.2013

Hay 14: Mixed grass, round bales, second cutting, 08.23.2013

Hay 15: Mixed grass, round bales, first cutting, 08.27.2013

Hay 16: Oat hay, 08.13.2013

Hay 17: Orchard grass/alfalfa (20%) mix, second cutting, 08.13.2013