

Mazuri® Diets and the 2005 Giraffe Workshop Recommendations

| Nutrient | Giraffe Nutrition Workshop 2005 DM basis | 5ZF1 Wild Herbivore | | 5ZK4 Wild Herbivore Plus | | 5648 ADF-16 | |
|-------------------------|---|---------------------|----------|--------------------------|----------|-------------|----------|
| | | As fed | DM basis | As fed | DM basis | As fed | DM basis |
| PROTEIN % | 10-14 | 12.50 | 13.98 | 14.90 | 16.70 | 17.00 | 19.52 |
| FAT % | 2-5 | 3.00 | 3.36 | 8.50 | 9.60 | 3.18 | 3.66 |
| Omega-6 fatty acids (%) | | 1.36 | 1.52 | 3.85 | 4.35 | 1.56 | 1.79 |
| Omega-3 fatty acids (%) | | 0.41 | 0.46 | 0.87 | 0.98 | 0.26 | 0.30 |
| n3:n6 ratio | | | 0.30 | | 0.23 | | 0.17 |
| ACID DET. FIBER % | 25-30 (minimum) | 34.59 | 38.69 | 23.50 | 26.50 | 15.00 | 17.23 |
| CALCIUM % | 0.65-1 | 0.85 | 0.95 | 1.10 | 1.23 | 0.80 | 0.92 |
| PHOSPHORUS % | 0.35-0.5 (max) | 0.35 | 0.39 | 0.53 | 0.59 | 0.60 | 0.69 |
| VIT A (IU/KG) | 3898.4 | 5000.60 | 5593.51 | 7634.00 | 8532.47 | 6591.86 | 7569.89 |
| MAGNESIUM % | 0.3 (min) | 0.33 | 0.37 | 0.39 | 0.45 | 0.29 | 0.33 |
| COPPER (ppm) | 15 | 20.85 | 23.32 | 28.00 | 31.00 | 21.00 | 24.11 |
| VIT D3 (IU/KG) | 750 | 1320.00 | 1476.51 | 1540.00 | 1721.25 | 1200.00 | 1378.04 |
| VIT E (IU/KG) | 60 | 380.00 | 425.06 | 445.33 | 497.74 | 327.10 | 375.63 |
| Starch % | <10% | <4 | <4 | <4 | <4 | 23.29 | 26.74 |
| October, 2007 | | | | | | | |