**Changes in Nutrients in following cases of Form**

Q1. Pet's Skin Coat?

* Rough- Nutrient to increase or decrease and by what percentage. Please mention here itself like eg. Linolenic Acid (1.5%)
* Fair

Rough Hair Coat – Vitamin A is increased from 1500 to 2000 IU/Kg, Zinc has been increased from 80 to 100mg/kg of diet, Linoleic acid increased from 0.011 to 0.015% of diet

Fair - Linoleic acid increased from 0.011 to 0.015% of diet, Vitamin A is increased from 1500 to 2000 IU/Kg, Choline increased from 1360 to 1500mg/kg of diet

Q2. Pet's stool consistency?

* Loose - Vitamin A is increased from 1500 to 1800 IU/Kg, Fibre 5% to 3.5% of diet, Fat (0.055 to 0.035)
* Hard – Vitamin E (50IU to 80IU/kg of diet), Vitamin A is increased from 1500 to 1800 IU/Kg, Fibre 5% to 3.5% of diet, Fat (0.055 to 0.1)

Q3. When pet eats unusual substances?

|  |
| --- |
| Grass – increase fibre (5 to 7% of diet), increase vitamin A (1500 Iu to 1800IU) |
| Litter – Increase Thiamine (2.25 to 2.5) Riboflavin (5.2 to 5.5), (Niacin 13.6 to 16.8) (Pyridoxine 1.5 to 1.65) |
| Wood – Increase copper, zinc and folic acid (7.3 to 8, 80 to 90, 0.216 to 0.248) |
| Mud – increase all minerals by 20% of normal |
| Stool – increase al B vitamins (Thiamine, Riboflavin, Pantothenic acid, Niacin, Pyridoxine, Folic acid, B12 and Choline) by 15% |
| Cloth – Increase vitamin A (1500 to 1800), fibre (5% to 6%) |
| Rock – increase potassium (0.006 to 0.0065) chloride (0.0012 to 0.002) |
| Broom Stick - Increase copper, zinc and folic acid (7.3 to 8, 80 to 90, 0.216 to 0.248) |
| Licks Wall & Floor – Increase Calcium (0.005 to 0.006), phosphorus (0.004 to 0.005) and Magnesium (0.0006 to 0.00067) |
| Tissue Paper – Increase vitamin A (1500 to 1800), fibre (5% to 6%) |
| Cow Dung- increase al B vitamins (Thiamine, Riboflavin, Pantothenic acid, Niacin, Pyridoxine, Folic acid, B12 and Choline) by 15% |
| Coal - increase all minerals by 20% of normal |
| Plastic Material - increase potassium (0.006 to 0.0065) chloride (0.0012 to 0.002) |
| Ball - increase potassium (0.006 to 0.0065) chloride (0.0012 to 0.002) |
| Coins – increase zinc (80 to 95) Iron (40 to 60) copper (7.3 to 7.8) |
| Chemical – which chemical? |
| Toys - increase potassium (0.006 to 0.0065) chloride (0.0012 to 0.002) |

|  |  |  |  |
| --- | --- | --- | --- |
| Nutrients | Growth | Adult | Old age |
| Protein of DM | 0.23 | 0.18 | 0.205 |
| Fiber of DM | 0.06 | 0.05 | 0.06 |
| Fat % of DM | 0.12 | 0.055 | 0.045 |
| Linoleic acid of diet | 0.015 | 0.011 | 0.013 |
| Vitamin A/g diet | 1.5 | 1.5 | 1.8 |
| Vitamin D/g of Diet | 0.5 | 0.5 | 0.65 |
| Vitamin E/g of Diet | 0.05 | 0.05 | 0.055 |
| Calcium | 0.012 | 0.005 | 0.01 |
| Phosphorus | 0.01 | 0.004 | 0.008 |
| Potassium | 0.006 | 0.006 | 0.006 |
| Sodium | 0.003 | 0.0008 | 0.0008 |
| Chloride | 0.0045 | 0.0012 | 0.0012 |
| Magnesium | 0.0006 | 0.0006 | 0.0006 |
| Iron (mg/kg) | 88 | 40 | 45 |
| Copper (mg/kg) | 12.4 | 7.3 | 7.5 |
| Manganese (mg/kg) | 7.2 | 5 | 5.8 |
| Zinc (mg/kg) | 100 | 80 | 95 |
| Iodine (mg/kg) | 1 | 1 | 1 |
| Selenium (mg/kg) | 0.35 | 0.35 | 0.35 |
| Thiamine (mg/kg) | 2.25 | 2.25 | 2.4 |
| Riboflavin (mg/kg) | 5.2 | 5.2 | 5.2 |
| Pantothenic Acid (mg/kg) | 12 | 12 | 12 |
| Niacin (mg/kg) | 13.6 | 13.6 | 15 |
| Pyridoxine (mg/kg) | 1.5 | 1.5 | 1.5 |
| Folic Acid (mg/kg) | 0.216 | 0.216 | 0.216 |
| B12 (mg/kg) | 0.028 | 0.028 | 0.028 |
| Choline (mg/kg) | 1360 | 1360 | 1450 |