

Intelligent Forage Feeding Product Information



Science
Kitchen®

FORAGE GRAINS

The small size and palatability of this formulated feed make it especially suited for foraging. By maintaining a proper balance of nutrients, animals can be allowed to forage without creating a dietary imbalance.

INGREDIENTS:

Ground soybean hulls, corn flour, ground oats, corn gluten meal, sucrose, dehulled soybean meal, brewers grains, dicalcium phosphate, soybean oil, dried whey, salt, calcium carbonate, brewers dried yeast, L-ascorbyl-2-polyphosphate, DL-methionine, pyridoxine hydrochloride, choline chloride, menadione dimethylprimidinol bisulfite, L-lysine, d-alpha tocopheryl acetate, folic acid, cholecalciferol.

FEEDING DIRECTIONS:

Scatter pellets in the cage, in bedding and/or foraging surfaces (eg. "Astro Turf"), whenever a high-fiber foraging food is appropriate.

STORAGE:

Perishable, store in a cool dry place.

PACK SIZE:

Pack sizes available on request.

NUTRITIONAL PROFILE: ¹

Protein, %	15.2
Arginine, %	0.63
Histidine, %	0.42
Isoleucine, %	0.71
Leucine, %	1.60
Lysine, %	0.75
Methionine, %	0.40
Cystine, %	0.22
Phenylalanine, %	0.97
Tyrosine, %	0.79
Threonine, %	0.55
Tryptophan, %	0.18
Valine, %	0.96
Alanine, %	1.08
Aspartic Acid, %	1.63
Glutamic Acid, %	3.43
Glycine, %	0.40
Proline, %	1.26
Serine, %	0.85
Taurine, %	0.00

Fat (ether extract), %	5.0
Fat (acid hydrolysis), %	6.1
Cholesterol, ppm	0.00
Linoleic Acid, %	2.65
Linolenic Acid, %	0.34
Arachidonic Acid, %	0.00
Omega-3 Fatty Acids, %	0.34
Total Saturated Fatty Acids, %	0.85
Total Monounsaturated Fatty Acids, %	1.12
Polyunsaturated Fatty Acids, %	1.91

Fiber (max), %	15.0
Neutral Detergent Fiber ² , %	30.3
Acid Detergent Fiber ³ , %	18.0

Nitrogen-Free Extract (by difference), %	48.9
Starch, %	22.87
Glucose, %	0.16
Fructose, %	0.16
Sucrose, %	6.27
Lactose, %	0.67
Total Digestible Nutrients, %	78.1

Energy (kcal/g)⁴	3.02	
From:	Kcal	%
Protein	0.608	20.2
Fat (ether extract)	0.450	14.9
Carbohydrates	1.958	64.9

Minerals

Ash, %	5.8
Calcium, %	0.90
Phosphorus, %	0.53
Phosphorus (available), %	0.40
Potassium, %	0.77
Magnesium, %	0.16
Sulfur, %	0.18
Sodium, %	0.35
Chlorine, %	0.53
Fluorine, ppm	27.4
Iron, ppm	581
Zinc, ppm	146
Manganese, ppm	98
Copper, ppm	31
Cobalt, ppm	0.99
Iodine, ppm	1.99
Chromium, ppm	1.72
Selenium, ppm	0.59

Vitamins

Carotene, ppm	1.4
Vitamin A, IU/g	20
Vitamin D-3 (added), IU/g	3.5
Vitamin E, IU/g	287
Vitamin K, ppm	2.5
Thiamin Hydrochloride, ppm	14
Riboflavin, ppm	14.0
Niacin, ppm	106
Pantothenic Acid, ppm	70
Folic Acid, ppm	11.1
Pyridoxine, ppm	16.70
Biotin, ppm	0.4
Vitamin B-12, mcg/kg	70
Choline Chloride, ppm	1,230
Ascorbic Acid, ppm	500.1

1. Formulation based on calculated values from the latest ingredient analysis information. Since nutrient composition of natural ingredients varies and some nutrient loss will occur due to manufacturing processes, analysis will differ accordingly. Nutrients expressed as percent of ration on an As-Fed basis except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.
2. NDF = approximately cellulose, hemi-cellulose and lignin.
3. ADF = approximately cellulose and lignin.
4. Energy (kcal/gm) = Sum of decimal fractions of protein, fat and carbohydrate x 4,9,4 kcal/gm respectively.



We are continuously developing and adding to our Science Kitchen® range - please contact us for the latest information on additional products not listed here: science.kitchen@ipsltd.biz

Science Kitchen is for foraging use only and is not intended to be used as a complete feed.

Innovative Feeding Solutions from

International Product Supplies Limited

