The benefits:

- 25% crude fibre
- Rich in vitamin C
- Prepared with selected Timothy hay
- 16% protein
- Lower energy content
- No need to limit intake, although weight should be monitored
- Rich in long fibre
- Encourages extended feeding time
- Promotes dental wear
- A nutritionally complete and balanced diet
- Wheat and gluten free
- No artificial colours or flavours
- Zero added sugar
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References

Multi-Modal Formula also contains cranberries oil and lens - both are excellent sources of omega-3 fatty acids. Omega-3 fatty acids are known to help differentiate inflammatory response.  One 1000 g of cranberries oil and lens was used (found) reduced signs of urolithiasis in guinea pigs. If up to 20 per cent. Although the benefit of all of these is fairly well established it was less clear which other cranberries oil improved the same effects but the study has shown that they have a number of significant benefits. The benefits of cranberries oil are increasingly being talked about in relation to a whole host of conditions including urinary disorders.

Dandelion, Nettle – Natural Diuretics

Dandelion is highly nutritious and one of the richest sources of vitamin A and kantex caroten, as well as being an excellent source of fibre, proteins, iron, calcium, magnesium, phosphorus and the B vitamins, thiamine and riboflavin, and niacin.  Dandelion leaves are used as a diuretic to stimulate the increase of urines and to support kidney function, whilst the flowers are used for mild pain relief and.html, anti-oxidant properties.10 Aplege and Lutério flavonoid glucosides may be responsible for the diuretic effect. Dandelion has been used throughout the ages to stimulate the kidneys through inhibition of recuit osi production and CDSK expression. Nettle is also a diuretic, and it may be supportive in urinary tract infections and inflammations.11

Echinacea

Echinacea has also been included in the Multi-Modal Formula. A 1994 systematic review of 26 controlled clinical trials concluded that most studies were not methodologically rigorous, but there was enough evidence to support that echinacea was an effective immune-stimulator.12

Behaviour

Key aspects

High fibre – Long fibre – Extended chewing time

Guinea pigs are especially prone to developing behavioural problems related to boredom – these include high paced running, biting or barracuring (hair chewing) of sage-rane or stereotypic repetition, digging behaviors.

High fibre diets that require extended chewing time are more stimulating and time occupying activity. More needs to be eaten to meet calorie requirements, making feeding more a stimulating and time occupying activity. The guinea pig is still eating, offering a food rich in vitamin C. To achieve optimal weight gain can be hard to assess in the guinea pig due to the relatively blocky body shape. In general, an animal is classified as obese when the ribcage is not visible, the bones of the chest are barely palpable, and the body weight is considerably more than is normal for the type of animal. Where there is evidence of concurrent urinary problems it may also be beneficial to feed a diet with lower energy density. High fibre diets are well accepted by guinea pigs and may influence satiety. Feeding hay may appear to be a valid strategy but the vitamin content can be low. Guinea pigs also require relatively more protein than rabbits and a hay only diet being rich in minerals and acidity may not meet the requirements. This situation can be exacerbated by a reduction in food intake. In these circumstances it is worth considering administering supplemental vitamin C. Where the guinea pig is still eating, offering a food rich in vitamin C.

Weight Management

Key BENEFITS

• High fibre
• Long fibre
• 16% protein

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VetCarePlus Multi-Modal Formula for guinea pigs

KEY BENEFITS

• High fibre
• Long fibre
• Natural herbs

KEY BENEFITS

• Low calcium
• High omega-3 fatty acids
• Cranberries
• Natural herbs

Probiotic bacteria – Weight control, through higher fibre levels

Low calcium

Like rabbits, guinea pigs also require calcium absorption from the gut – the amount absorbed is directly proportional to the amount consumed. Bones absorptions calcium is increased through the urinary tract. A predisposition to urolithiasis can occur if high levels of calcium levels are being consumed in the diet has significant volume and provides a substrate for gut microbes to produce volatile fatty acids as an energy source.

Non Specific Stress/ Reluctance to Feed

Key BENEFITS

• Rich in vitamin C
• Natural herbs
• High quality ingredients for palatability

Diabetes is highly nutritious and one of the richest sources of vitamin A and beta caroten, as well as being an excellent source of fibre, proteins, iron, calcium, magnesium, phosphorus and the B vitamins, thiamine and riboflavin, and niacin.  Dandelion leaves are used as a diuretic to stimulate the increase of urines and to support kidney function, whilst the flowers are used for mild pain relief and.html, anti-oxidant properties.10 Aplege and Lutério flavonoid glucosides may be responsible for the diuretic effect. Dandelion has been used throughout the ages to stimulate the kidneys through inhibition of recuit osi production and CDSK expression. Nettle is also a diuretic, and it may be supportive in urinary tract infections and inflammations.

Vitamin C

Vitamin C is to be provided in the diet of guinea pigs as they are unable to synthesise their own supply due to a lack of the enzyme L-glutathione reductase in the glucose-succinic acid pathway. Vitamin C is a water soluble vitamin and therefore rapidly becomes depleted in guinea pigs. Vitamin C will also help the maintenance of collagen. The requirement for vitamin C is also increased in certain situations: growth, pregnancy and lactation, as well as temperatures and humidity, can affect vitamin C, as well as stress due to handling, infections, catastrophe, disease, or stress. Thereby increase the requirement. This situation can be exacerbated by a reduction in food intake. In these circumstances it is worth considering administering supplemental vitamin C, or where the guinea pig is still eating, offering a food rich in vitamin C.

Urineal Tract Disorders

KEY BENEFITS

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• High omega-3 fatty acids
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Probiotic aspects – Weight control, through higher fibre levels

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