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Quality Guarantee

Rowen Barbary are participants in the UFAS and BETA-NOPS programme to ensure that all the products are of the highest standards available for competition use under FEI competition rules.

Key Word Index



	ReadyFibre Mash	Forage 'n' Fibre	Leisure Plus	ReadyMash	Senior Support	Solution Mash	ReadyMash Extra	Stud Mix	Condition & Performance	Pro-Ultra	Muscle Builder	Sumo Original
WORK												
Maintenance	•	•	•	•	•	•		•				•
Light	•	•	•	•	•	•						•
Medium			•	•	•	•	•				•	•
Hard						•	•		•	•	•	
CONDITION												
Underweight					•	•	•		•	•	•	•
Normal			•	•	•	•	•	•				
Overweight	•	•	•	•								
KEYWORDS												
Breeding							•	•			•	
Cereal Free		•				•						•
Dental				•	•	•	•					
EMS		•				•						•
EPSM						•						•
Gut Health		•	•	•	•	•	•		•			
Herbs			•			•			•			
High Fibre	•	•		•		•	•					
High Oil					•	•	•	•	•	•	•	•
Laminitics	•	•				•						•
Low Starch	•	•				•						•
Non-Heating	•	•	•	•	•	•						•
Sparkle									•	•	•	
Stamina					•	•	•		•	•	•	•
Veterans	•				•	•	•					
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FORAGE 'N' FIBRI

- Suitable for horses prone to laminitis
- High fibre



level round scoop = 1.15kg of feed approx



Forage 'n' Fibre

Rowen Barbary Forage 'n' Fibre contains a natural blend of forages and fibres providing the horse with all the necessary nutrients required for overall health and vitality whilst keeping energy levels low.

For horses at maintenance or in low levels of work, and good doers who are often put on restricted grazing Rowen Barbary Forage 'n' Fibre is ideal to use to balance the forage given supplying all the essential vitamins and minerals whilst keeping energy and calories to a minimum. As it contains no cereals and is very low in starch and sugars it is well suited to horses and ponies that are prone to laminitis and Cushing's syndrome, along with those prone to excitable and unpredictable behaviour. With high fibre levels this helps ensure slow rates of digestion throughout the hind gut and helps to maintain gut health.

Fully balanced in essential vitamins, minerals and trace elements and with a touch of Soya Oil for skin and coat condition Rowen Barbary Forage 'n' Fibre will help support overall health and vitality, providing all the daily nutrients your horse needs.

Feed To:

- Good doers, prone to weight gain.
- Horses susceptible to laminitis and Cushing's syndrome.
- All types of horses at maintenance & in low levels of work.
- Horse prone to nervous and excitable behaviour.
- Horses prone to EGUS.

Key Points:

- Cereal free.
- Very low in starch and sugar.
- High fibre blend of natural forages and fibres.
- Designed to provide low energy levels.
- Fully balanced in essential nutrients for overall health and vitality.

Additives (per kg)

Oatfeed Pellets, Grass Nuts, Lucerne Pellets, Soya Hulls, Dried Grass, Molasses, Soya Oil.

Composition

Vitamins: 3a672a Vitamin A: 10,000iu; 3a671 Vitamin D3: 2,000iu.

Trace Elements: Copper (3b405/Copper (II) Copper Sulphate
Pentahydrate) 25mg, Manganese (3b502/Manganous (II) Oxide)
50mg, Zinc (3b603/Zinc Oxide) 50mg, Iodine (3b202/Calcium lodate Anhydrous) 7.50mg, Sodium Selenium (3b801), 0.375mg.



Nutritional Analysis

Digestible Energy (MJ/Kg)	8.00
Dil (%)	4.00
rotein (%)	8
ibre (%)	24.00
sh (%)	8
Calcium (%)	0.82
hosphorus (%)	0.41
odium (%)	0.44
/lagnesium (%)	0.30
ysine (%)	0.35
Methionine (%)	
itamin E (iu/Kg)	100
tarch (%)	
ugar (%)	5.50

Leisure Plus

Containing a blend of high quality ingredients Rowen Barbary Leisure Plus is the ultimate high fibre feed for horses and ponies in light to moderate work.

Low energy levels are obtained through a balance of highly digestible fibre sources and cooked flaked cereals, ideal for horses and ponies requiring a non-heating diet. Combining Linseed and Soya Oil Rowen Barbary Leisure Plus helps to provide a source of slow release energy for stamina and will help ensure excellent overall skin and coat condition.

To help ensure good gut health Leisure Plus also contains Calcareous Marine Algae designed to act as a buffer to help reduce acidity. Natural herbs Chamomile Flower, Spearmint and Nettle are included to help promote overall health and well being with dehydrated Carrots also added to help create an extremely appetizing feed that is equally delicious fed dry or soaked.

Leisure Plus is well balanced in essential vitamins, minerals and trace element to help keep your horse in peak condition.

Extremely appetizing Beneficial to gut health

Feed To:

- All types of horses at maintenance or in light to medium work.
- \bullet Horses requiring an improvement in skin & coat condition.
- Leisure horses requiring a reduced starch diet.
- Horses requiring a non-heating diet.
- Fussy feeders.

Key Points:

- High in digestible fibre to support hind gut health.
- A blend of Linseed & Soya Oil, alongside key antioxidants.
- Calcareous Marine Algae acts as a buffer to reduce acidity for gut health.
- Fully balanced in essential nutrients for overall health and vitality.
- Plus Chamomile Flowers, Spearmint, Nettle & Carrots.

Borbary LEISURE PLUS LEISURE PLUS

- High fibre
- Added herbs
- Extremely appetizing



1 level round scoop = 1.30kg of feed approx

Nutritional Analysis

•	
Digestible Energy (MJ/Kg)	10.00
Oil (%)	5.00
Protein (%)	10.00
Fibre (%)	20.00
Ash (%)	8.70
Calcium (%)	0.90
Phosphorus (%)	0.45
Sodium (%)	0.40
Magnesium (%)	0.30
Lysine (%)	0.50
Methionine (%)	0.15
Vitamin E (iu/Kg)	100
Starch (%)	11.50
Sugar (%)	5.00

Additives (per kg)

Vitamins: 3a672a Vitamin A: 10,000iu; 3a671 Vitamin D3: 2,000iu.

Trace Elements: Copper (3b405/Copper (II) Copper Sulphate
Pentahydrate) 25mg, Manganese (3b502/Manganous (II) Oxide)
50mg, Zinc (3b603/Zinc Oxide) 50mg, Iodine (3b202/Calcium Iodate Anhydrous) 7.50mg, Sodium Selenium (3b801), 0.375mg.

Composition

Oatfeed Pellets, Grass Nuts, Lucerne Pellets, Soya Hulls, Micronized Full Fat Soya, Micronized Flaked Maize, Micronized Flaked Peas, Micronized Flaked Barley, Molasses, Soya Oil, Dried Grass, Micronized Linseed, Calcareous Marine Algae, Chamomile Flower, Spearmint, Nettle, Dehydrated Carrots.

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Senior Support

SENIOR SUPPORT

- Joint care
- Digestive enhancers
- High oil



1 level round scoop = 1.15kg of feed approx

Rowen Barbary Senior Support contains a high fibre formula, with the added benefits of RB KeepWell, designed to help provide all the necessary nutrients required to help promote overall health and wellness in the older horse.

Containing a blend of Linseed and Soya Oil, supported by key antioxidants, Rowen Barbary Senior Support helps to provide the extra calories required by the older horse to help ensure excellent overall condition is maintained, benefiting skin and coat health.

Special attention has been given to help improve joint health, with every 1 kg containing 2.5g of Glucosamine and 2.5g of MSM added to help restore joint function and improve mobility, alongside 5g of Turmeric and Cracked Black Pepper to aid bio-availability. By providing controlled levels of starch alongside a high fibre content Rowen Barbary Senior Support produces an excellent form of slow release energy.

Yeasacc 1026 is added to help ensure efficient fibre and mineral digestion, alongside a full complement of vitamins, minerals and trace elements to help benefit overall health and vitality in the older horse.

Feed To:

- Horses over 16 years old.
- Poor doers requiring an improvement in condition.
- Horses that need joint care & support.
- Working horses that need a non-heating diet.
- All types of horses at maintenance, or in light to medium work.

Key Points:

- Equal ratio of Glucosamine & MSM for joint health.
- Turmeric and Cracked Black Pepper for bio-availability.
- Linseed and Soya Oil, plus key antioxidants, for condition.
- High in digestible fibre to support hind gut health.
- Fully balanced in essential nutrients for overall health and vitality.

Additives (per kg)

Vitamins: 3a672a Vitamin A: 10,000iu; 3a671 Vitamin D3: 2,000iu.

Trace Elements: Copper (3b405/Copper (II) Copper Sulphate Pentahydrate) 25mg, Manganese (3b502/Manganous (II) Oxide) 50mg, Zinc (3b603/Zinc Oxide) 50mg, Iodine (3b202/Calcium Iodate Anhydrous) 7.50mg, Selenium (3b801/Sodium Selenite),

Digestibility Enhancers: 4a1704 YEA-SACC, Preparation of Saccharomyces Cerevisiae CBS 493.94. 2,500mg

Plus Vitamins: B1, B2, B6, B12, C, Nicotinic Acid, Pantothenic Acid, Folic, Acid, Biotin, Choline.



Nutritional Analysis

Digestible Energy (MJ/Kg)	10.00
Oil (%)	6.00
Protein (%)	9.00
Fibre (%)	20.00
Ash (%)	
Calcium (%)	1.00
Phosphorus (%)	0.50
Sodium (%)	
Magnesium (%)	0.30
Lysine (%)	0.45
Methionine (%)	0.15
Vitamin E (iu/Kg)	100
Starch (%)	11.50
Sugar (%)	4 50



Micronised Barley, Molasses, Soya Oil, Dried Grass, Micronized Linseed, Micronised Full Fat Soya, Turmeric,

Composition

1026, Cracked Black Pepper.

Oatfeed Pellets, Lucerne Pellets,

Grass Nuts, Soya Hulls, Micronized

Glucosamine HCL, MSM, Yea-Sacc

Flaked Maize, Micronized Flaked Peas,

Slow release energy

Beneficial to gut health



1 level round scoop = 1.30kg of feed approx

Micronised Barley, Oatfeed Pellets,

Flaked Maize, Molasses, Lucerne

Micronised Full Fat Soya, Micronized

Pellets, Soya Hulls, Soya Oil, Micronized

Linseed, Dried Grass, Brewers Yeast,

Seaweed Meal, Calcareous Marine

Algae, Spearmint, Garlic.

Composition



Condition & Performance

A high oil formula designed to provide a balance of energy sources that are so important for condition and performance, while supplying a high specification of nutrients to promote overall health.

Containing a blend of Linseed and Soya Oil, supported by key antioxidants, Rowen Barbary Condition & Performance helps to provide an extremely beneficial source of slow release energy to help promote stamina and condition in horses and ponies requiring a higher calorie feed. This will help encourage weight gain and an improvement in topline ensuring excellent overall condition is maintained throughout the season.

To help promote overall well-being Rowen Barbary Condition & Performance contains Calcareous Marine Algae designed to act as a buffer to help reduce acidity, benefiting gut health. Supplying a natural source of B Vitamins and Amino Acids, Brewers Yeast is also added along with Seaweed and Garlic to help benefit overall health and vitality. This highly appetizing feed also contains Spearmint to help tempt fussy feeders and is well balanced in essential vitamins, minerals and trace elements to help keep your horse in peak condition.

Feed To:

- Poor doers, requiring an improvement in condition and topline.
- · Horses in moderate to hard work .
- Horses requiring increased stamina for sustained performance.
- Performance horses requiring a reduced starch diet.

Key Points:

- Contains a high oil blend of Linseed and Soya Oil, alongside key antioxidants.
- Calcareous Marine Algae acts as a buffer to reduce acidity for gut health.
- Brewers Yeast helps to supply a natural source of B vitamins and Amino acids.
- Plus Seaweed, Spearmint and Garlic.

Additives (per kg)

Vitamins: 3a672a Vitamin A: 10,000iu; 3a671 Vitamin D3: 2,000iu.

Trace Elements: Copper (3b405/Copper (II) Copper Sulphate Pentahydrate) 25mg, Manganese (3b502/Manganous (II) Oxide) 50mg, Zinc (3b603/Zinc Oxide) 50mg, Iodine (3b202/Calcium Iodate Anhydrous) 7.50mg, Sodium Selenium (3b801), 0.375mg.



Nutritional Analysis

13.00
8.50
12.00
12.00
1.00
0.50
0.35
0.30
0.60
0.18
200
22.50
4.80

Pro Ultra

A highly palatable, nutrient dense mix containing a combination of energy sources designed to meet the requirement for horses in hard work whilst supplying nutrients and ingredients beneficial to good gut health.

Containing a blend of highly digestible, cooked flakes cereals Rowen Barbary Pro Ultra is designed to help provide instant, fast release energy ideal for horses undertaking short, sharp bursts of work and for those that require more sparkle. A full complement of B Group Vitamins are also added to help reinvigorate horses feeling run down.

Linseed and Soya Oil, supported by key antioxidants, help supply an excellent source of slow release energy to support stamina in the hard working horse and combined with quality protein sources help to encourage overall muscle tone and development, ensuring excellent overall condition.

To help ensure good gut health Pro Ultra also contains Calcareous Marine Algae and Yeasacc 1026 to ensure optimum fibre and mineral digestion and is fully balanced in essential vitamins, minerals and trace elements to promote overall health and vitality.

Linseed & soya oil B group vitamins

Feed To:

- Horses in moderate to hard work.
- Performance horses requiring more energy and stamina.
- Laid back horses needing more sparkle.
- Poor doers, requiring an improvement in condition and topline.

Key Points:

- Contains highly digestible cooked cereals for instant, fast release energy.
- B Group Vitamins to help reinvigorate horses feeling run down.
- Calcareous Marine Algae and Yeasacc 1026 to help support gut health.
- Quality protein sources to help promote overall muscle tone.



- Nutrient dense
- Quality protein sources
- Beneficial to gut health



1 level round scoop = 1.20kg of feed approx

Nutritional Analysis

Nuti itional Analysis	
Digestible Energy (MJ/Kg)	13.5
Oil (%)	7.00
Protein (%)	15.0
Fibre (%)	9.50
Ash (%)	8.50
Calcium (%)	1.10
Phosphorus (%)	0.55
Sodium (%)	
Magnesium (%)	0.30
Lysine (%)	0.82
Methionine (%)	0.28
Vitamin E (iu/Kg)	500
Starch (%)	25.5
Sugar (%)	5.50

Additives (per kg)

Vitamins: 3a672a Vitamin A: 10,000iu; 3a671 Vitamin D3: 2,000iu.

Trace Elements: Copper (3b407 Chelate of Protein Hydrolysates) 10mg, Copper (3b405/Copper (II) Copper Sulphate Pentahydrate) 15mg, Manganese (3b502/Manganous (II) Oxide) 40mg, Zinc (3b612 Chelate of Protein Hydrolysates) 40mg, Iodine (3b202/Calcium Iodate Anhydrous) 2.50mg, Sodium Selenium (3b801) Organic Form of Selenium Produced by Saccharomyces Cerevisiae CNCM 1-3060 0.30mg.

Digestibility Enhancers: 4a1704 YEA-SACC, Preparation of Saccharomyces Cerevisiae CBS 493.94. 1,000mg

Plus Vitamins: K, B1, B2, B6, B12, C, Folic, Biotin, Niacin, Pantothenic Acid, Choline.

Composition

Micronised Barley, Micronised Full Fat Soya, Naked Oats, Micronised Flaked Maize, Grass Nuts, Lucerne Pellets, Molasses, Micronised Flaked Peas, Oatfeed Pellets, Dried Grass, Soya Oil, Micronised Linseed, Calcareous Marine Algae.

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Stud Mix

Rowen Barbary Stud Mix is a highly palatable, nutrient dense mix designed to meet the extra requirements of foals, youngstock, broodmares and stallions that is ideal to use as a multipurpose stud ration on any stud farm.

Using highly digestible ingredients with the correct proportions of energy, protein, calcium, phosphorus and magnesium Rowen Barbary Stud Mix will help to deliver key nutritional support to all breeding and youngstock. High levels of oils are achieved from Soya and Linseed, supported by antioxidants, to help supply an excellent source of slow release energy to support condition and weight gain, with quality protein sources helping to ensure overall development.

Supplying a natural source of B Vitamins and Amino Acids, Brewers Yeast is also added along with a full compliment of essential vitamins, minerals and trace elements to help ensure overall health and vitality.



Feed To:

- In-foal mares.
- Lactating mares.
- Growing youngstock of all ages.
- Covering stallions.

Key Points:

- Versatile all-round stud feed.
- Nutrient dense blend of highly digestible ingredients.
- High oil blend of Linseed & Soya Oil, alongside key antioxidants.
- Fully balanced in essential nutrients for overall health and vitality.
- Plus Brewers Yeast.



- All-round stud feed
- Nutrient dense
- High oil



1 level round scoop = 1.10kg of feed approx

Nutritional Analysis

Auti Itional Analysis	
Digestible Energy (MJ/Kg)	12.20
Dil (%)	5.75
rotein (%)	16.00
ibre (%)	13.50
sh (%)	9.00
Calcium (%)	1.10
hosphorus (%)	0.55
odium (%)	0.35
1agnesium (%)	0.30
ysine (%)	0.90
1ethionine (%)	0.25
itamin E (iu/Kg)	100
tarch (%)	16.75
ugar (%)	6.00

Additives (per kg)

Vitamins: 3a672a Vitamin A: 10,000iu; 3a671 Vitamin D3: 2,000iu. **Trace Elements:** Copper (3b405/Copper (II) Copper Sulphate Pentahydrate) 25mg, Manganese (3b502/Manganous (II) Oxide) 50mg, Zinc (3b603/Zinc Oxide) 50mg, Iodine (3b202/Calcium lodate Anhydrous) 7.50mg, Sodium Selenium (3b801), 0.375mg.

Composition

Oatfeed Pellets, Micronised Flaked Barley, Micronised Flaked Full Fat Soya, Grass Nuts, Lucerne Pellets, Micronised Flaked Maize, Micronised Flaked Peas, Molasses, Hi Pro Soya, Dried Grass, Micronised Linseed, Brewers Yeast, Soya Oil.

- Low in starch and sugar
- Ideal to use as a hay replacer
- Suitable for horses prone to laminitis



1 level round scoop = 1.40kg of feed approx

Soaking Guide: Soak for 5 minutes with a minimum of equal volumes of dry feed and water or to your preferred consistency.

• Designed to provide low energy levels. • 5 minutes soaking time.

Composition

Soya Hulls, Molasses, Sova Oil, Salt.





ReadyFibre Mash

Made up of 100% high digestible fibre Rowen Barbary Ready Fibre Mash is a versatile, highly palatable product. With a very low starch and sugar content and no cereals it is suitable for horses that suffer from laminitis, for good doers and those that need a low energy diet.

It is ideal to use as a hay replacer for horses that are stabled for long periods of time or those that have difficulty eating long stem fibres. The high fibre content helps to encourage slow rates of digestion throughout the hind gut and is particularly valuable for horses requiring a diet that is sympathetic on the digestive system. The super fibres also have an excellent water holding capactity to help improve fluid intake.

For horses on a higher cereal ration Rowen Barbary ReadyFibre Mash is ideal to use to help improve the fibre levels of the ration, and containing just four ingredients without any cereals, alfalfa, barley or wheat it is a very useful feed for horses that suffer from intolerances.

Feed To:

- Good doers, prone to weight gain.
- Horses requiring a fibre replacer.
- Horses susceptible to laminitis & Cushing's syndrome.
- Veterans with poor teeth and horses with dental problems.
- Horses prone to EGUS.

Key Points:

- · Cereal free.
- Very low in starch and sugar.
- 100% highly digestible fibre to help support hind gut health.

Nutritional Analysis

Digestible Energy (MJ/Kg)	.7.50
Oil (%)	.3.00
Protein (%)	.11.00
Fibre (%)	.32.50
Ash (%)	.5.50
Calcium (%)	.0.40
Phosphorus (%)	.0.20
Sodium (%)	.0.45
Magnesium (%)	.0.20
Lysine (%)	.0.68
Methionine (%)	.0.15
Starch (%)	.5.00
Sugar (%)	.2.50

Solution Mash

A palatable mash designed specifically for horses requiring a specialist diet, Rowen Barbary Solution Mash is suitable for horses that need a higher calorie diet for conditioning and controlled weight gain whilst being ideal for those that suffer from a starch and sugar intolerance.

With no cereals and a very low starch and sugar content (under 1 % total sugar) it is suitable for horses and ponies that suffer from laminitis and Cushing's syndrome. High levels of oils, alongside key antioxidants, provide an excellent source of slow release energy whilst helping horses to achieve the required body condition. The high fibre content helps to encourage slow rates of digestion througout the hind gut providing an excellent source of slow release energy from the structured fibre. This is particularly valuable for horses requiring a diet that is sympathetic on the digestive system. The super fibres also have an excellent water holding capacitity to help improve fluid intake.

Yeasacc 1026 is added for optimum fibre and mineral digestion within the hindgut along with herbs garlic, spearment and fenugreek to help promote overall health and vitality. Rowen Barbary Solution Mash is also fully balanced in all the essential vitamins, minerals and trace elements.

Feed To:

- Horses susceptible to laminitis & Cushing's syndrome.
- Poor doers, requiring an improvement in condition and topline.
- Performance horses requiring increased stamina for sustained performance.
- Horses prone to nervous and excitable behaviour.

Key Points:

- Cereal & molasses free with under 1% total sugar.
- High levels of oils, alongside key antioxidants, for overall condition.
- High digestible fibre to support hind gut health.
- Yeasacc 1026 for optimum fibre & mineral digestion.
- Fully balanced in essential nutrients for overall health and vitality.

Mash

- Condition and weight gain
- Beneficial to gut health
- Suitable for horses prone to laminitis



1 level round scoop = 1.45kg of feed approx

Soaking Guide: Soak for 60 minutes with 1 part dry feed to 2 parts water, or to your preferred consistency.

Nutritional Analysis

Digestible Energy (MJ/Kg	11.00
Oil (%)	15.00
Protein (%)	10.00
Fibre (%)	28.50
Ash (%)	7.00
Calcium (%)	0.90
Phosphorus (%)	0.45
Sodium (%)	0.45
Magnesium (%)	0.30
Lysine (%)	0.64
Methionine (%)	0.20
Vitamin E (iu/Kg)	500
Starch (%)	4.50
Sugar (%)	1 10

Additives (per kg)

Vitamins: 3a672a Vitamin A: 10,000iu; 3a671 Vitamin D3: 2,000iu.

Trace Elements: Copper (3b407 Chelate of Protein Hydrolysates) 10mg, Copper (3b405/Copper (II) Copper Sulphate Pentahydrate) 15mg, Manganese (3b502/Manganous (II) Oxide) 40mg, Zinc (3b612 Chelate of Protein Hydrolysates) 40mg, Iodine (3b202/ Calcium Iodate Anhydrous) 2.50mg, Sodium Selenium (3b801) Organic Form of Selenium Produced by Saccharomyces Cerevisiaw CNCM 1-3060 0.30mg.

Digestibility Enhancers 4a1704 YEA-SACC, Preparation of Saccharomyces Cerevisiae CBS 493.94. 2,500mg

Plus Vitamins: K, B1, B2, B6, B12, Folic, Biotin, Niacin, Pantothenic Acid, Choline.

Composition

Soya Hulls, Soya Oil, Dried Grass, Yea-Sacc, Spearmint, Garlic, Fenugreek.

ReadyMash

A fully balanced mash suitable for horses requiring a high fibre, low energy diet.

Rowen Barbary ReadyMash provides all the essential vitamins, minerals and trace elements required for overall health and vitality whilst helping keep energy levels to a minimum and is suitable for feeding horses & ponies at all ages and activity levels.

The high fibre content helps to encourage slow rates of digestion through out the hind gut providing an excellent source of slow release energy from the structured fibre. This is particularly valuable for horses requiring a diet that is sympathetic on the digestive system. The super fibres also have an excellent water holding capacity to help improve fluid intake.

Fully balanced in essential vitamins, minerals and trace elements and with a touch of Soya Oil for skin and coat condition Rowen Barbary ReadyMash will help support overall health and vitality, providing all the daily nutrients your horse needs.

Low energy

High fibre

Beneficial to gut health

ReadyMash

1 level round scoop = 1.15kg of feed approx

Soaking Guide: Soak for 5 minutes with a minimum of equal volumes of dry feed and water or to your preferred consistency.

Soya Hulls, Porridge Oats, Micronised

Flaked Maize, Micronised Flaked Barley.

Composition

Molasses, Soya Oil.

Feed To:

- Horses at all ages, from youngsters through to veterans.
- All types of horses at maintenance or in light to medium work.
- Horses requiring a non-heating diet.
- Veterans with poor teeth and horses with dental problems.
- Horses prone to weight gain.

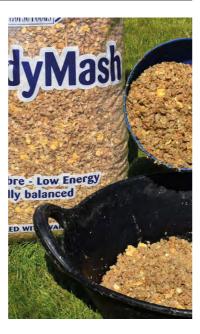
Key Points:

- Designed to provide low energy levels.
- Highly digestible fibre to help support hind gut health.
- Fully balanced in essential nutrients for overall health and vitality.
- With a touch of Soya Oil for skin & coat condition.
- 5 minutes soaking time.

Additives (per kg)

Vitamins: 3a672a Vitamin A: 10,000iu; 3a671 Vitamin D3: 2,000iu. Trace Elements: Copper (3b405/Copper (II) Copper Sulphate

Pentahydrate) 25mg, Manganese (3b502/Manganous (II) Oxide) 50mg, Zinc (3b603/Zinc Oxide) 50mg, Iodine (3b202/Calcium lodate Anhydrous) 7.50mg, Sodium Selenium (3b801), 0.375mg.



Nutritional Analysis

ideliterorial / trial y 515	
igestible Energy (MJ/Kg)	10.00
il (%)	4.00
rotein (%)	10.75
ibre (%)	22.50
sh (%)	6.50
alcium (%)	
hosphorus (%)	0.40
odium (%)	0.40
lagnesium (%)	0.30
/sine (%)	
lethionine (%)	0.15
itamin E (iu/kg)	100
tarch (%)	19.00
ugar (%)	2.50

A palatable mash designed for horses that need a higher calorie diet for conditioning and controlled weight gain.whilst providing an excellent source of slow release energy from the

With high levels of essential oils and milk powders Rowen Barbary ReadyMash Extra is designed to help horses achieve the required body condition, whilst ensuring a great coat bloom. The high fibre content helps to encourage slow rates of digestion throughout the hind gut and is particularly valuable for horses requiring a diet that is sympathetic on the digestive system.

The super fibres also have an excellent water holding capacity to help improve fluid intake and together with the inclusion of glucose powders help to maintain electrolyte balance, aiding reduced recovery time after strenuous work or any illness.

Fully balanced in essential vitamins, mineals and trace elements to help support overall health and vitality, Rowen Barbary ReadyMash Extra provides all the daily nutrients your horse needs.



ReadyMash Extra

structured fibre.

Feed To:

- · Poor doers, requiring condition and weight gain.
- Horses at all activity levels, including broodmares and youngstock.
- Horses requiring increased stamina for sustained performance.
- Veterans with poor teeth and horses with dental problems.
- Sick or convalescing horses.

Key Points:

- Contains essential oils enhanced by milk powders
- Highly digestible fibre to help support hind gut health.
- Glucose powders for electrolyte balance.
- Fully balanced in essential nutrients for overall health and vitality.

SOFT 'N' SO4 ReadyMash Extra

- Added milk powders
- Condition and weight gain
- Beneficial to gut health



1 level round scoop = 1.15kg of feed approx

Soaking Guide: Soak for 5 minutes with a minimum of equal volumes of dry feed and water or to your preferred consistency. .

Nutritional Analysis

,	
Digestible Energy (MJ/Kg	.11.30
Oil (%)	5.25
Protein (%)	.11.75
Fibre (%)	18.50
Ash (%)	6.70
Calcium (%)	.0.88
Phosphorus (%)	0.44
Sodium (%)	.0.38
Magnesium (%)	.0.25
ysine (%)	0.65
Methionine (%)	0.16
/itamin E (iu/Kg)	100
Starch (%)	18.00
Sugar (%)	

Additives (per kg)

Vitamins: 3a672a Vitamin A: 10,000iu; 3a671 Vitamin D3: 2,000iu. Trace Elements: Copper (3b405/Copper (II) Copper Sulphate Pentahydrate) 25mg, Manganese (3b502/Manganous (II) Oxide) 50mg, Zinc (3b603/Zinc Oxide) 50mg, Iodine (3b202/Calcium lodate Anhydrous) 7.50mg, Sodium Selenium (3b801), 0.375mg.

Composition

Soya Hulls, Porridge Oats, Micronised Flaked Maize, Micronised Flaked Barley, Milk Powder, Micronised Flaked Full Fat Soya, Molasses, Glucose, Soya Oil.

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Treats

- A great way to help improve fluid intake.
- Use post training, when travelling or at competitions.
- · Dehydrated for better storage and travel.









Carrot Mash

Carrot Mash is a soft textured mash that contains plenty of nutrients that are beneficial to your horses health. The Carrots are high in fibre and a good source of Vitamins A, C, K and calcium which are great for supporting the immune system and bone strength. It is palatable function and relaxation which for horses struggling to chew and digest.

Many horses regularly enjoy Carrots and by feeding healthy treats that taste good to your horse will ensure that positive behaviour is rewarded without any detrimental effect.

Banana Mash

Bananas are both nutritious. palatable and soft for horses. Bananas contain Potassium, Magnesium, Vitamin B6, B12, C and D. Potassium is an electrolyte essential for muscle contraction and relaxation. Magnesium supports muscle supports recovery which is ideal for post training. Bananas also contain B Vitamins which helps convert carbohydrates and fats into energy. Vitamin C supports the immune system and helps with tissue repair. Vitamin D for strong bones and teeth in the absorption of calcium and phosphorus.

Beetroot Mash

The soft textured Beetroot Mash offers many nutritional benefits. The vegetable contains a number of antioxidant pigments including polyphenols, such as resveratrol and quercetin. The main red pigment is known to be a betanin, a natural antioxidant. A combination of minerals in beetroot help to support oxygen transportation by helping with the production of haemoglobin. The vitamins help to support cell regeneration, anti-oxidant properties and anti-bacterial properties. Overall, the root vegetable helps support cardiovascular health, the bodies natural anti-inflammatory response and bone strength.

Herbal Health Mash

Herbal Health Mash is a soft textured mash that contains a soothing blend of herbs on a high fibre base, designed to be fed as a healthy treat to horses prone to Laminitis. The mash contains Seaweed which is a natural source of vitamins, minerals and trace elements. It also supports absorption of protein and nutrients. Nettle is high in iron and Vitamin C which supports circulatory health. Chamomile flowers which aids digestion and relieves anxiety. Turmeric has anti-inflammatory qualities and supports gastric disorders, arthritis and itchy skin.

With seaweed, nettle, chamomile flowers and turmeric

With real carrot flakes

With banana flakes

With beetroot flakes





Rowen Barbary Sprinkles is a delicious blend of fruit and vegetables that can be fed as a treat or sprinkled on top of a feed to help stimulate appetite. All ingredients are 100% natural, rich in anti-oxidants with no additives. The combination of Sprinkles include Apple pieces, Banana Chips, Beetroot Flakes, Carrot Flakes and Dried Grass that your horse and pony will enjoy.



Our horse is a picky eater, but luckily she loves

appetite when she has gone off her food. I love

the notes that the staff put in with the order.

A really nice personal touch.

Photo credit: Jay Photos

the carrot mash. It has helped to boost her



Added coconut oil

Condition and weight gain

MUSCLE BUILDER





• High oil formula

- Very low in strach and sugar
- Suitable for horses prone to laminitis



Muscle Builder

Rowen Barbary Muscle Builder contains a unique blend of milk powders, breakfast cereals, highly digestible protein sources, glucose, oils, vitamins, minerals and trace elements to help encourage overall muscle tone and development.

By using good quality protein sources that provide essential amino acids, as well as additional Lysine and Methionine for optimal protein balance Rowen Barbary Muscle Builder helps support the formation and repair of muscle tissue, encouraging overall muscle tone and development and helping improve topline.

Providing an extermely beneficial source of slow release energy Rowen Barbary Muscle Builder helps support increased stamina for sustained performance in horses working hard.

Nutritional Analysis

Crude Oils & Fats	11.00
Crude Protein (%)	20.00
Crude Fibre (%)	1.50
Crude Ash (%)	8.00
Digestible Energy (MJ/Kg)	17.50
Calcium (%)	1.10

Feed To:

- Poor doers requiring weight gain and condition.
- Horses that need an improvement in muscle tone and development.
- Horses in moderate to hard work.
- Performance horses requiring stamina.
- Horses with a limited appetite.

Key Points:

- Good quality protein sources.
- Provides essential amino acids to help support overall muscle tone.
- Additional Lysine & Methionine for optimal protein balance.
- Coconut oil for skin & coat condition.
- Fully balanced in essential nutrients.

Phosphorus (%)	0.80
Sodium (%)	
Magnesium (%)	0.30
Lysine (%)	2.00
Methionine	0.40
Vitamin E (iu/Kg)	180
Starch (%)	20.00

Sumo Original

With a 50% oil content Rowen Barbary Sumo Original is an extremely valuable feed for all horses from youngsters to veterans, especially when trying to perfect condition and enrich the bloom in the coat.

Providing super high levels of oils and fatty acids alongside the necessary nutrients, specifically antioxidants, Vitamin E and C along with Selenium and Zinc, helps ensure excellent overall condition, encouraging weight gain and an improvement in topline.

As it is cereal and molasses free it is also extremely useful to feed to horses requiring a diet that is low in both starch and sugar, providing a safe source of calories in an energy dense form, suited also to horses with a limited appetite. This also helps make Rowen Barbary Sumo Original ideal for feeding to horses that are prone to nervous and excitable behaviour needing a non-heating diet.

Sumo Original also helps supply a beneficial source of slow release energy for improved stamina, providing twice the amount of energy as carbohydrates from more traditional cereals.

Feed To:

- Poor doers requiring an improvement in condition and topline.
- Horses that need healthier skin and coat condition.
- Performance horses requiring stamina.
- Horses with a limited appetite.
- Horses susceptible to EMS, EGUS and Tying-Up/PSSM.

Key Points:

- Vitamin E and C along with Selenium and Zinc.
- Cereal & molasses free.
- Added Garlic

Nutritional Analysis

Digestible Energy (MJ/Kg)	24.00
Oil (%)	50.00
Protein (%)	4.50
Fibre (%)	13.50
Selenium (mg/Kg)	2.00
Vitamin E (iu/Kg)	1000
Starch (%)	2.00
Sugar (%)	0.50



Vitel 2000E

Containing a unique blend of Soya Bean Oil and Vitamin E, Rowen Barbary Vitel 2000E helps supply a good source of Omega fatty acids, including linoleic acid and Omega 6 fatty acids to help promote good skin and coat condition, supporting overall health.

By providing the antioxidant Vitamin E in the correct quantities Rowen Barbary Vitel 2000E will help to stabilise oil storage in cellular tissue, encouraging efficient oil utilisation that is vital for horses on high oil diets. Adding Rowen Barbary Vitel 2000E to the diet will also help to provide an extremely beneficial source of slow release energy for performance horses requiring improved stamina.

Suitable for feeding to all horses and ponies that require a healthy coat shine including those that suffer from EGUS & Tying-Up/PSSM, it is also especially useful to use on laminitics that need a safe way to gain weight and condition.



- Healthy coat shine
- Suitable for horses prone to laminitis

Feed To:

- Poor doers requiring an improvement in condition.
- Performance horses requiring improved stamina.
- Horses with a limited appetite.
- · Horses susceptible to EMS, EGUS & Tying Up/ PSSM.

Key Points:

- Unique high oil formula.
- Vitamin E.
- Omega-6 essential fatty acids.

Nutritional Analysis

Digestible Energy (MJ/Kg)	39.85
Oil (%)	99.50
Vitamin E (iu/Kg)	2000







Keep Well

The ultimate all in one supplement Rowen Barbary Keep Well provides a unique nutritional combination that supports joint, digestive, skin and coat and overall health.

This high specification formula contains a well-balanced ratio of Glucosamine and MSM, vital ingredients to help support joint health and improve mobility, alongside Turmeric and Cracked Black Pepper to aid bio-availability. High in Omega 3, 6 and 9 fatty acids, alongside antioxidants, Vitamin E and C this helps to ensure good skin and coat condition. Yeasacc 1026 is included to help ensure efficient fibre and mineral digestion along with Cinnamon. Keep Well is also fully balanced in essential vitamins, minerals and trace elements to support overall health and vitality.

Ideal for horses prone to weight gain that need a low calorie diet, Keep Well is also cereal and molasses free with a very low starch and sugar content it safely be fed to horses prone to laminitis.

Feed To:

- Horses that need joint care and support.
- Good doers prone to weight gain.
- Horses fed reduced amounts of concentrates.
- Horses susceptible to Laminitis and Cushing's Syndrome.
- All types of horses at maintenance or in light to medium work

Key Points:

- Equal ratio of Glucosamine and MSM for joint health.
- Turmeric and Cracked Black Pepper for bio-availability.
- Designed to enhance the vitamins and mineral balance of the diet.
- Linseed for skin and coat condition.
- Added Yeasacc 1026 and Cinnamon for gut health.



Composition

Vitamins, Minerals, Linseed Meal, Turmeric, Glucosamine, MSM, Yeasac 1026, Cinnamon, Vitamin C, Vitamin E, Biotin, Black Pepper.

Additives (per kg)

Vitamins: 3a672a Vitamin A: 160,000iu; 3a671 Vitamin D3: 32,000iu

Trace Elements: Copper (3b405/Copper (II) Copper Sulphate Pentahydrate) 400mg, Manganese (3b502/Manganous (II) Oxide) 800mg, Zinc (3b603/Zinc Oxide) 800mg, Iodine (3b202/Calcium Iodate Anhydrous) 120mg, Selenium (3b801/Sodium Selenite), 6mg.

Digestibility Enhancers: 4a1704 YEA-SACC, Preparation of Saccharomyces Cerevisiae CBS 493.94. 40,000mg

Plus Vitamins: B1, B2, B6, B12, C, NicotinicAcid, PantothenicAcid, FolicAcid, Biotin, Choline.

Nutritional Analysis

Digestible Energy (MJ/Kg)	7.50
Oil (%)	12.00
Protein (%)	800
Fibre (%)	3.00
Ash (%)	37.00
Calcium (%)	
Phosphorus (%)	3.50
Sodium (%)	
Magnesium (%)	2.10
Lysine (%)	
Methionine (%)	
Vitamin E	
Starch (%)	2.40
Sugar (%)	



Supple

Supple contains a specifically balanced ratio of the four most highly effective ingredients associated with improving joint mobility and aiding recovery from injury. Fed daily at maintenance level to the competition horse subject to extreme athletic demand Supple will help ensure optimum health and flexibility. For older horses it will help support mobility, and when fed at the full recommended rate promotes healing.

Glucosamine Hydrochloride is a fast-acting ingredient that helps to reduce inflammation, heat and swelling which helps to alleviate pain. Glucosamine works alongside Chondroitin and Hyaluronic Acid to lubricate the joint, help with shock absorption and helps to slow the process of deterioration. Chondroitin helps to maintain the viscosity of synovial fluid to provide protection and a building block for cartilage. MSM and Vitamin C supports normal inflammatory responses and helps with the production, formation and maturation of collagen.

Glucosamine is an amino sugar which is highly palatable and supports the production of glycosaminoglycans in synovial fluids that give joint fluid grater elasticity, shock resistance and lubricating powers which also nourishes, conditions and replenishes the cartilage in the joints. This aids the manufacture of collagen, which is the protein portion of a fibrous substance that

Its suitable for long term administration due to it being a key component of the body's natural joint repair and renew process. It's also a great supplement for older horses who are still within an

Feed To:

- Competition horses to help support mobility.
- Veteran horses showing signs of stiffness.
- Horses recovering from injury.

Glucosamine

holds the joints together.

Key Points:

- Glucosamine HCL.
- MSM.
- Chondroitin Sulphate.
- Hyaluronic Acid.
- Vitamin C.



Joint health

Joint health

100% active ingredients

Guaranteed purity of 99.3%

Feed To:

• Aging horses displaying signs of stiffness.

intense workload as it aids maintenance and recovery of joint tissue.

- Competition horses working hard.
- Convalescing horses.

Key Points:

• Glucosamine HCL.

Nutritional Analysis

Glucosamine HCL (%)...... 99.30

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- Soothes and protects
- Reduces anxiety
- Helps control stomach acidity



Acti-Soothe

Specifically formulated to help support digestion and maintain gastric health, Acti-Soothe contains a unique blend of key ingredients that target gastric health and help to reduce anxiety.

To help support optimum digestion and maintain gastric health Acti-Soothe contains lecithin and pectin, along with Calcareous Marine Algae and ActiSaf®. Pectin when added to the horses diet turns into a gel and binds the bile acids, increasing the buffering capacity helping to stabilise the protective mucous in the glandular region in the stomach, protecting the stomach wall from ulceration. Lecithin helps stabilise the natural phospholipid layer of the horse's stomach, building up a barrier between the tissue of the stomach wall and the gastric content, protecting the sensitive mucosa from stomach acidity.

Calcareous Marine Algae is a highy efficient buffer. Its natural honeycombe structure breaks down slowly helping to stabilise the pH, reducing the risk of acidosis and stomach ulceration. ActiSaf® is a probiotic yeast that enables the population of good bacteria in the gut to thrive, this is included in Acti-Soothe in a high concentration to help support optimum fibre digestion.

To help reduce anxiety and nervousness Acti-Soothe also contains a calming blend of herbs including Matricaria Chamomilla, Melissa Officinalis and Withania Somnifera. Matricaria Chamomilla (Chamomile Powder) is well known for its calming effects on horses and also helps to improve appetite. Melissa Officinalis (lemon balm) is a gentle calmer that helps soothe the gut and Withania Somnifera (ashwagandha) is also commonly used for its relaxing effect. Combined this blend of herbs will help reduce nervousness and excitability.

These key ingredients are all combined on a ground alfalfa base, which itself helps neutralise the stomach acid and lessen the risk of ulcers developing.

Feed To:

- Horses prone to equine gastric ulcer syndrome.
- To help reduce anxiety in horses prone to stress.
- Competition horses on high cereal diets.
- Horses prone to digestive upsets.

Key Points:

- Soothes and protects the stomach lining.
- Reduces anxiety in horses prone to stree.
- Helps lesson the risk of ulcers developing.

Composition

Alfalfa, Lecithin 50%, Calcareous Marine Algae, ActiSaf, Pectin, Alusil Et Sodium Alumin, Matricaria Chamomilla (Chamomile), Soya Oil, Melissa Officinalis (Lemon Balm), Withania Somnifera (Ashwagandha).



Nutritional Analysis

4.00
4.00
5.00
7.50
18.00
6.00
0.10
0.50
0.20
1.20





Analytical Constituents

,	
Oil (%)	6.00
Protein (%)	17.00
Fibre (%)	9.00
Vitamin A	1,000,000 iu/Kg
Vitamin D3	200,000 iu/Kg
Vitamin E	50,000 iu/Kg
Vitamin K	200mg/Kg
Vitamin B1	1,000mg/Kg
Vitamin B2	1,000mg/Kg
Vitamin B6	600mg/Kg
Vitamin B12	50mg/Kg
Folic Acid	2,000mg/Kg
Biotin	40mg/Kg
Nicotinic Acid	2,000mg/Kg
Pantothenic Acid	1,000mg/Kg
Choline	15,000mg/Kg
Manganese	4,000mg/Kg
Copper	1,000mg/Kg
Zinc	4,000mg/Kg
lodine	250mg/Kg
Selenium	30mg/kg
Lysine	50g/Kg
Methionine	50g/Kg
Yeasacc 1026	100g/Kg



Power

Designed to help improve the performance of the hard working equine athlete, Rowen Barbary Power contains a specifically formulated blend of micro nutrients to enable your horse to perform at its best.

With a full complement of B group vitamins Rowen Barbary Power is particular beneficial to the performance horse and horses with poor appetites, but it will also help to reinvigorate any horses feeling run down. B vitamins play a vital part in the metabolism of a horses energy and are naturally produced as a result of fibre digestion in the hind gut, therefore any horses fed on a low fibre diet will benefit from being fed Rowen Barbary Power.

Increasing athletic work can cause free radical production to flourish, so Rowen Barbary Power contains a high specification of antioxidants alongside performance nutrients to help attract and bind free radicals. This will help improve stamina in the performance horse as well as helping to reduce exercise induced muscle damage strengthening the immune response helping the horse to remain healthier in times of stress.

Rowen Barbary Power also contains essential amino acids which are the building blocks of protein. To help support a healthy digestive system Yeasacc 1026 is also included which will help support optimum fibre and mineral digestion within the hind gut and help to maintain gut health in the performance horse.

Feed To:

- Horses in moderate to hard work.
- Performance horses that are feeling run down.
- Horses that require an improvement in energy.
- Horses with a limited appetite.
- Horses susceptible to EGUS and Tying-Up/PSSM.

Key Points:

- Full complement of B Group Vitamins.
- High specification of antioxidants and performance nutrients.
- Provides essential amino acids.
- Added Yeasacc 1026 for gut health.



 To maintain fluid and electrolyte balance

Nutritional Analysis

Glucose (%)20	%
Chloride (%)22.5	%
Magnesium (%)0.6	%
Sodium (%)20	%
Potassium (%)8	%

Re-Hydrate

When horses undergo prolonged sweating for example during strenuous exercise or whilst travelling essential minerals are lost through sweat and can cause fatigue, decreased performance, dehydration, muscle cramping and other problems.

Rowen Barbary Re-Hydrate is designed to help maintain fluid and electrolyte balance providing all the necessary minerals including Potassium, Magnesium and Sodum Chloride on a palatable, readily absorbed, water soluble Glucose base to aid recovery for optimum performance.

Designed to be fed according to intensity of work and can be fed whenever the horse sweats, on an ongoing basis or before, during and after competition days.

Feed To:

 Any horse prone to sweating during training, competing or travelling.

Key Points:

- Helps to maintain fluid and electrolyte balance.
- Water soluble glucose base.



Hoof Complex

By providing all the necessary nutrients Hoof Complex will help promote sound healthy hoof growth.

Biotin is added at the recommended dosage of 20mg for improvement of hoof health (NRC 1989). This will help with the production and deposition of keratin to help lessen hoof cracks and reduce the crumbling of the hoof horn and improve the condition of the white line area.

As horses need more than biotin alone to promote hoof health amino acids Methionine & Lysine are added which are vital for strong hoof growth, along with Calcium which is important for holding the keratinised cells of the hoof wall together.

Trace minerals Zinc and Copper are provided in a protected form for improved availability which are essential for keratin and collagen production to help sustain healthy hooves. Vitamin C is also added for collagen formation.

Feed To:

- Horses with cracked, weak and crumbly hooves.
- Horses that have difficulty holding a shoe.
- Horses prone to hoof bruising.

Key Points:

- Advanced formula.
- Designed to promote healthy hoof growth.
- Contains Biotin, Methionine, Lysine, Calcium and Bioplex minerals.
- Added Vitamin C.



Analytical Constituents per 100g

Oil	12.5g
Protein	40g
Fibre	4g
Ash	6g
Calcium	800mg
Phosphorus	400mg
Copper	100mg
Zinc	
Vitamin C	1,300mg
Biotin	20mg
Choline	520mg
Lysine	2,300mg
Methionine	4,700mg
Glycine	1,665mg
Proline	2,120mg
Tvrosine	1.700mg





Herbs

A range of herbal feed supplements for horses & ponies which are 100% natural, and packed in our own UK mill which is quality assured, UFAS and NOPS certified.



Ashwagandha

Ashwagandha is commonly used for its relaxing effects on the muscles and mind. It also helps boost the immune system.



Lemon Balm

Lemon Balm is a gentle calmer that helps soothe the gut and can be added to feed to help encourage appetite. It is also well known for its anti-oxidant and anti-inflammatory properties.



Chamomile

Chamomile is a calming herb for horses which helps relieve anxiety and restlessness. It also is a key ingredient to helping horses with digestive issues by using its healing properties



Seaweed

Seaweed is a natural high source of minerals, vitamins and trace elements which supports and maintains peak condition. It helps to enable efficient absorption of protein and nutrients from their diet.



Cinnamon

Cinnamon helps increase palatability with its sweet smell with having properties which helps with digestion and metabolic maintenance and support. It also helps to promote insulin activity.



Spearmint

Spearmint is loved by all horses due to its fresh minty smell and flavour. Its best added to feeds to support digestion and entice fussy eaters.



Fenugreek

Fenugreek is ideal for fussy eaters and encourages appetite. Rich in vitamins it supports and strengthens hoof growth and adds shine to your horses coats. It also can be used to support lactating mares and encourage milk production.



Spirulina

Spirulina is a natural source of antihistamine, anti-inflammatory and helps supports the immune system. Ideally for feeding to horses with seasonal allergies and for those that are affected by dust and mould.



Garlic

Garlic can be fed all year round to help support general health and wellbeing, but is especially useful over the summer months to help to repel flies. It is also very useful to help tempt fussy feeders.



Turmeric

Turmeric is a pleasantly scented spice promoting overall health and is well known for its anti-inflammatory qualities. It is commonly fed to help support the immune system, joint stiffness, itchy skin conditions and the respiratory system.





Equine Metabolic Syndrome (EMS) is a term used to describe a condition in horses that is essentially caused by insulin resistance. Horses with EMS, which includes horses with Cushing's disease (also known as PPID) are especially prone to laminitis.

With the exception of horses suffering from PPID, most horses with EMS are normally overweight and are usually described as easy keepers, that gain or maintain weight with very little feed. They require a low energy diet that is carefully managed to help prevent any additional weight gain, and to hopefully encourage some weight loss. A high fibre diet should be fed choosing stalkier hay that offers a lower nutritional value and it is a good idea to consider soaking it before feeding as it has been found that soaking hay for up to an hour can eliminate 56% of its watersoluble carbohydrates.

Spring can cause a significant problem for EMS horses when we see a flush of grass growth, and if a lot of grass is available strip grazing will help limit the horses total grass intake as will periods of turnout in a grazing muzzle. A diet that contains non-structural carbohydrates (NSC), which include the sugar and starch content in horse feeds, of less than 12% on average per feed is recommended to control the blood insulin levels and help prevent the risk of laminitis developing.

For good doers who are often put on restricted grazing Rowen Barbary Forage 'n' Fibre is ideal to use to help balance the forage given supplying all the essential vitamins and minerals whilst keeping energy and calories to a minimum. As it contains no cereals and is very low in starch and sugars it is recommended for horses with EMS.

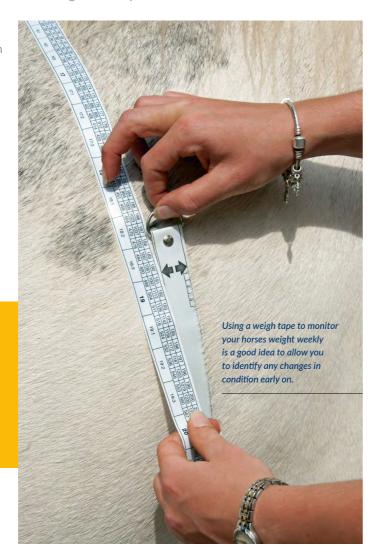
Where fibre alone is not sufficient to meet the energy requirements oils and fats should be added to the diet to help encourage weight gain. When feeding oil in large quantities it is important





Grazing Muzzle - Periods of turnout in a grazing muzzle will help limit grass intake.

to further supplement the horses diet with antioxidants to meet the horses increased requirements. Cereal and molasses free with under 1% sugar Rowen Barbary Solution Mash has been specifically formulated for horses that need a higher calorie diet for conditioning and controlled weight gain, whilst being suitable for feeding to horses prone to EMS.



Gastric ulcers are a common and sometimes persistent issues in horses, estimated to affect up to 93% of performance horses. Low forage, high concentrate diets, the stress of training, competing and travelling can all influence the gastrointestinal health of horses.

Symptoms of gastric ulcers vary greatly from horse to horse, and it is important to remember the majority of horses suffering from gastric ulcers do not show any outward symptoms at all. The signs to look out for include poor appetite, weight loss, decreased performance, dull coat, behaviour changes such as grumpiness when girthing or teeth grinding and mild or recurrent colic. Studies have also shown that gastric ulcers can also be a trigger factor to vices such as crib-biting and windsucking.

Performance horse may start to show exercise intolerance, for example a reluctance to gallop or move forwards it often seen, some will have a poor tolerance to lateral work and may also start to pick up more jumping faults. A recent study has also found that a shorter stride length is often the likely consequence of gastric ulcers.

If you are at all worried that your horse may suffer from ulcers, it is important to get your horse examined by your vet who will be able to give you a definitive diagnosis by using an endoscope to observe and evaluate your horses stomach lining. Ulcers can vary in size and severity, and are mostly found in the squamous or non-glandular area of the stomach, graded 0-4.

If your horse is found to have ulcers, your vet will often prescribe medication that is usually administered daily for a number of weeks. As an owner this is also a good time to review your management practices, as prevention is key in helping avoid ulcer re-occurring.

Where possible it is important to allow long periods of grazing, with ad-lib fibre provided in the form of hay or haylage when stabled. Some horses prefer a routine which will help minimise stress and there is also some evidence to support the use of a stable mirrors. High cereal diets should be replaced with diets high in fibre, with energy sourced from oils, fed little and often with the horse having access to a continuous supply of clean, fresh, water. Feeding a handful or two of a chopped fibre before exercise is also a good idea, to help protect the stomach lining from gastric splashing.

Look for products containing high levels of super-fibres, such as Soya Hulls and Sugar Beet. These types of fibre are highly digestible supporting gut health.



Gastric ulcers can affect up to 93% of performance horses

Additives such as Calcareous Marine Algae will help to support optimal pH in the stomach and hindgut, acting as a buffering agent. Yea-Sacc 1026 is also particularly useful for maintenance of a healthy digestive system, and is often included in many feeds to support digestion. Some oral supplements might be also beneficial when administered long term. Supplements containing Pectin, Lecithin and Actisaf have been shown to help support squamous lesion improvement, increasing the digestibility of fibre and helping to maintain normal pH.

Top Tips for Managing Gastric Ulcers in Performance Horses:

- Provide ab-lib forage
- Increase grazing time
- Feed small, but frequent meals
- Ensure clean, fresh water is available at all times
- Reduce the amount of concentrates



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Traditionally many horse owners often think a mash should only be fed to older horses or as a warming feed in winter, however mash based products are incredible versatile and are now becoming more and more popular offering a wide range of nutritional benefits.

Super Fibres

Generally mashes are a good source of fibre, with many containing "super fibres" like soya hulls or sugar beet pulp which are highly digestible and help support hind gut health. This is particularly valuable for any horses requiring a diet that is sympathetic on the digestive tract, helping avoid the possible onset of colic or for competition horses on a higher cereal ration.

Dental

One of the key benefits of feeding a mash is that they are much easier to chew and digest for older horses, and for those that suffer from dental problems such

By providing a horse with a soft textured mash this will often help improve appetite. For horses that have previously suffered an episode of choke the soft textured mash will help improve palatability, aiding chewing and swallowing.

ReadyFibre Mash

ReadyMash Extra

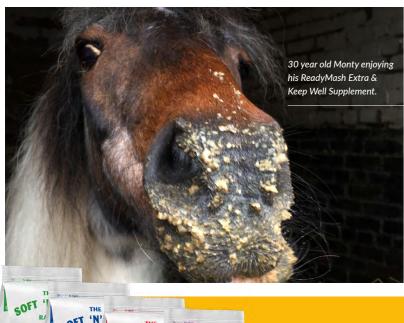
Solution Mash

Ready Mash

Hydration

By feeding a mash you will also help improve fluid intake, which is incredibly useful both during summer months and over winter when horses often tend to drink less. Fed at home or at competitions they are incredibly useful to help ensure a horse is kept hydrated, especially for those that don't like to drink away from home.

A wet mash feed will also help to eliminate irritants being inhaled which may affect the respiratory system for horses that have previously suffered from COPD.







Horses age at different rates with many horses still leading very active lives in their late teens and twenties. It will be a gradual process in most horses and typical signs to look out for as the horse grows older may be weight loss and mobility problems, but as a responsible owner we can manage and alleviate some of the conditions that bring on the aging process.

Just because a horse becomes older does not necessarily mean that its competitive working career is finished, with many older horses still leading very active lives. Regular work combined with every day turnout where possible will help the horse's general health and wellbeing. This work will also help keep their muscles toned and joints supple.

If you have a veteran that shows no specific age related problems and is still enjoying an active life then the main priority is to continue to feed a suitable ration according to bodyweight and workload. If you feel your veteran may benefit from a senior specific feed then there are many specialist feeds on the market which supply elevated nutrients levels to help allivate the symptons that bring on the aging process.

For those veterans that are completely retired or just participate in some light hacking weight has to be carefully monitored, as it can quickly cause concern.

For retired veterans that do lack condition it is important to allow them access to ad-lib forage such as good quality hay, haylage or grass. A high oil feed will help improve overall condition but it is important to remember when feeding a significant amount of oil to support the diet with correct nutrients, specifically antioxidants and vitamin E.

On the other hand a good doers weight will have to be closely monitored. For older horses and ponies that are over weight there are low calorie feeds available that will provide a balanced diet without further promoting weight gain. As long as the availability of the nutrients contained in these feeds is good they can be fed to the older horse or pony.

Dental problems

Impaired chewing ability due to loss of teeth or poor tooth condition is one of the main reasons older horses start to lose weight. Symptoms of teeth problems include laboured chewing. quidding where horses will often drop half chewed food and loss of appetite. If you have noticed that your veteran has any of these symptoms it is important to first get your



37 year old Harley and 42 year old Prince looking fabulous on Solution Mash and

Equine Dental Technician to examine the horse and to introduce fibre replacers into the diet.

The choice and availability of hay replacers has grown significantly over the last few years with advancing technology. There are many options available on the market to help increase the fibre content of the horses diet including short chopped chaffs, sugar beet, grass nuts, alfalfa pellets and specially formulated soaking feeds

Ideally a hay replacer should be divided into several small meals fed throughout the day. These meals can be split between 2 - 3 large buckets and left with the horse to graze with either in the field or stable. If your horse shares a field with a companion it is recommended that the field is sectioned off so only the horse that requires the hay replacers has access to it.

Top Tips for Veterans

- Six month dental check
- Regular flu and tetanus vaccinations
- Light exercise when possible
- Regular worming programme
- Adequate shelter and appropriate rugs
- Annual veterinary examination recommended



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Body condition scoring



Step 1 Calculate Bodyweight

Horses should consume about 2.5% of their bodyweight per day according to their condition and workload, so to find out how much you need to feed your horse the first step is to calculate your horse's bodyweight.

There are a number of ways in which you can do this including using a weigh tape, a horse weigher or by calculating your horses weight using the formula below:

Bodyweight (kg): Heart girth (cm) ² x body length (cm)/11877

To measure the heart girth place a measuring tape at the base of the withers and wrap it around the horse, bringing it just behind his elbows. The length of the horse should be measured from point of shoulder to point of buttock.

The chart below can be used as a rough guide to help estimate a horses bodyweight according to height, but this does not take into account the condition or build of a horse.

Height	Bodyweight
10 - 11.3	150 - 200
12 - 12.3	200 - 250
13 - 13.3	300 - 350
14 - 14.3	400 - 450
15 - 15.3	500 - 550
16 - 16.3	550 - 600
17+	600+

Step 2 Calculate total amount of feed needed per day

Remember, your horse or pony should be fed according to bodyweight not by height.

Now you know your horses bodyweight you are able to calculate the total amount of feed (concentrate and forage) that you horse or pony needs to eat per day using the formula below, remembering that the horse will consume about 2.5% of their bodyweight per day.

Horse Weight x 2.5% = total amount of feed needed per day (kg)

For example a horse weighing 500kg

 $500 \times 2.5\% = 12.5$ kg of total feed needed per day

Step 3 Calculate Ration

Now you know the total amount of feed your horse needs to be eating per day you need to work out what percent of this needs to be concentrate, and what percent forage bearing in mind your horses workload and condition.

A horse of moderate weight should have a condition score of 3 where the neck flows smoothly into the shoulder, the back should be level (no crease or ridge), there should be a layer of fat over the ribs so that they are not visually distinguishable but easily felt and you should not be able to feel the hip bone.

Use the chart below to help you decide the concentrate and forage proportions of your horses diet, bearing in mind at least 50% of your horses diet should be forage.

For example a 15.2hh, 500kg horse in light work that needs a bit more condition should be fed a diet of about 20% concentrate and 80% forage.

Activity	Concentrate (%)	Forage (%)
Maintenance	0 - 5	95 - 100
Breed/Growth	5 - 10	90 -100
Conditioning	10 - 20	80 - 90
Light Work	10 - 20	80 - 90
Medium Work	20 - 30	70 - 80
Heavy Work	40 - 50	50 - 60

By calculating the total amount of feed per day we know he needs a total of 12.5kg of forage and concentrate a day.

So to work out the total amount of concentrate a day:

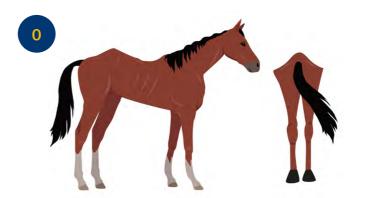
 $12.5 \times 20\% = 2.5 \text{kg}$ of concentrate per day

And to work out the total amount of forage a day:

 $2.5 \times 80\% = 10$ kg of forage per day.

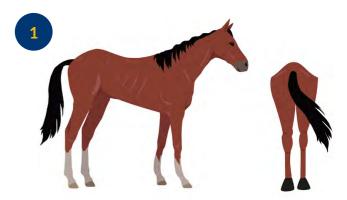
So, a diet of 2.5kg of concentrates and 10kg of forage equals a total amount of 12.5kg of feed per day.

Recommended Diet	



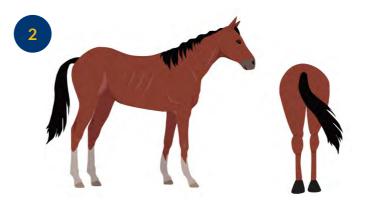
Score 0 - Emaciated

No fatty tissue can be felt; spine, ribs, tailhead, hip joints and lower pelvic bones project prominently. Marked ewe neck and deep cavity under tail with a large gap between thighs.



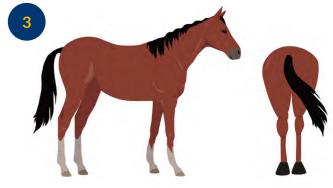
Score 1 - Poor

Very slight fat covering; spine and ribs easily visable, tailhead and hip joints prominent with a sunken rump. Narrow ewe neck with shoulder and neck accentuated.



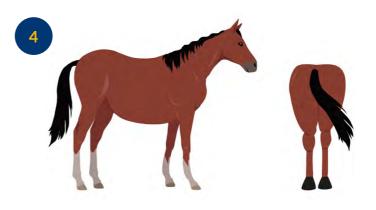
Score 2 - Moderate

Thin layer of fat; slight ridge along back with faint outline of ribs visiable. Hip bones easily visable but rounded. withers, shoulder and neck not obviously thin.



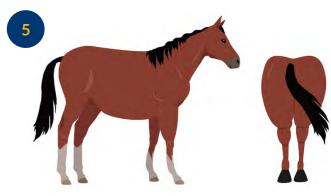
Score 3 - Good

Back is flat, ribs not visable but easily felt with rump beginning to appear rounded and hip bones just visable. Shoulders and neck blend smoothly into body.



Score 4 - Fat

May have slight gutter downback, with ribs and pelvis difficult to feel. Fat beginning to be deposited along withers, behind shoulders and along sides of neck.



Score 5 - Very Fat

Obvious gutter down back, pads of fat over ribs and tailhead with withers and shoulders filled with fat. Thickening of neck, fat deposited along inner thighs.

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Mill care and quality control

We pride ourselves on being able to offer tailored advice to suit the needs of your horse or pony, with their welfare always being paramount.

Based in Shropshire Rowen Barbary Horse Feeds have been supplying quality horse feeds and supplements since 1980, and have a unique ability to control all stages of product development and supply. From designing feed formulations, running trials and sourcing ingredients Rowen Barbary are able to react quickly to customers' demands to supply feeds and supplements at the forefront of nutritional design and implementation.

Today Rowen Barbary are still a family run company which gives the team the ability to react efficiently to customer needs with decisions made quickly. By having a close contact with many of their customers this allows for a greater understanding, and as several of the team are actively involved with horses themselves they know the challenges faced on a daily basis, and they put this experience to good use when dealing with enquiries.

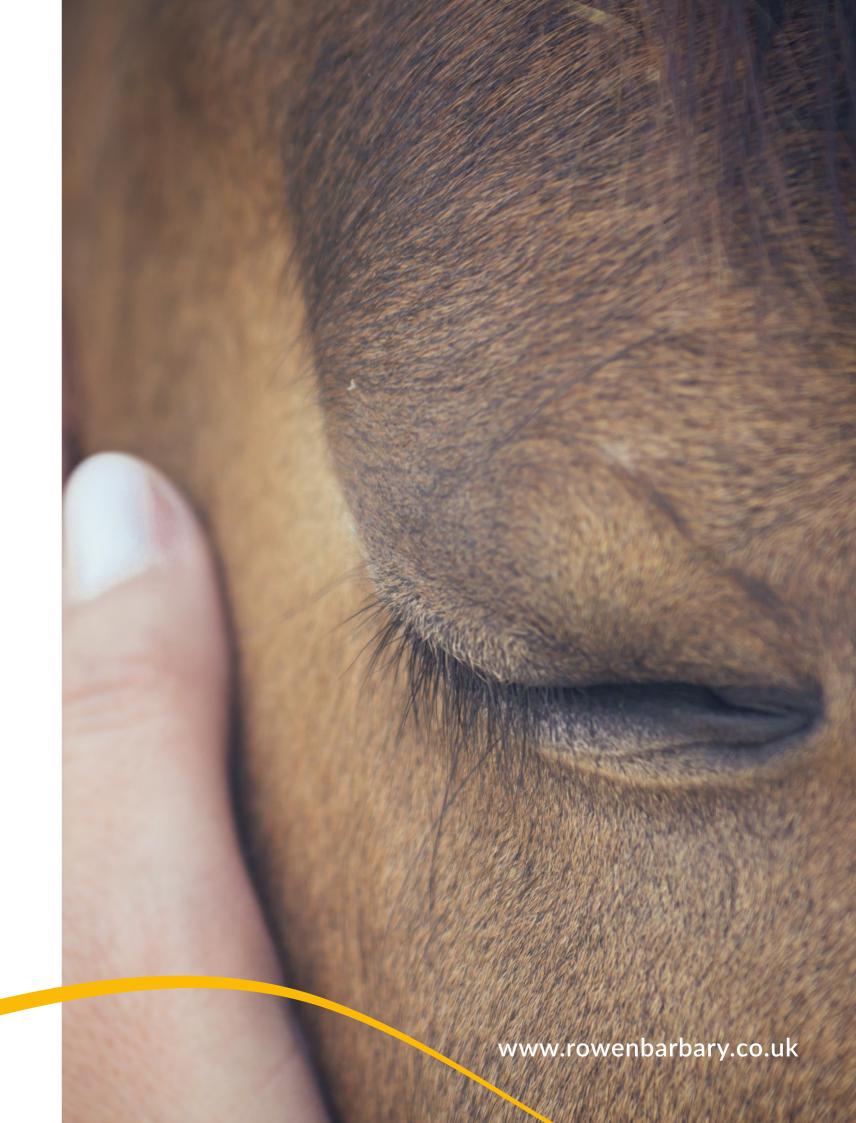
Ingredients are sourced from sustainable sources from local farms, where possible, to help reduce food miles with dietary formulations, manufacturing procedures and quality control meeting the highest UK and European Standards.

To guarantee these high standards all feeds and supplements are manufactured in our own dedicated UFAS audited mill. We monitor for the presence of naturally occurring prohibited substances (NOPS) by regularly laboratory testing raw materials and finished feeds. By adhering to these guidelines we are in line with the established BETA/UFAS NOPS guidelines and the risk of occurrence of such substances are minimised.

Rowen Barbary are also audited and approved under the UK Feed Hygiene Regulations and Veterinary Medicine Regulations and approved to manufacture feeds supplement premixes and supply feed ingredients.

Each of the feeds are manufactured to order in a dedicated manufacturing facility and supervised by a team with experience in manufacturing techniques and quality control. This ensures all feeds and supplements are fresh and palatable with a long shelf life. Each of our feeds and supplements are formulated with your horse in mind, whatever their age, workload, or specific dietary requirements to

Rowen Barbary Horse Feeds packaging is robust polythene sacks or sturdy plastic tubs to ensure freshness is retained and contaminants are excluded. All packaging displays full and honest labelling displayed on the packaging itself or an attached label. Labels will contain full nutritional analysis, list of ingredients in descending order of inclusion. Codes and batch numbers allow for full traceability of each product batch. Further nutritional data and suitability of each feed and supplement is published on the Rowen Barbary site.



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