

1/4 inch Hay Pellets

1/4 inch hay pellets have no binders, molasses, vitamins, minerals, or salt added. This gives the customer the option of adding supplements as they see fit.

1/4 inch Suncured Alfalfa Pellets

Crude Protein: 14% min.
Crude Fat: 1.5% min.
Crude Fiber: 30% max.

1/4 inch Bermuda Pellets

These pellets are made from premium Bermuda Grass grown in the Parker Valley in Arizona.
Crude Protein: 7% min.
Crude Fat: 1.5% min.
Crude Fiber: 33% max.

1/4 inch Oat Pellets

The pellets are made from irrigated Oat Hay that has been cut before the grain has matured. These pellets are low in starch (< 1.0%).
Crude Protein: 7% min.
Crude Fat: 1.5% min.
Crude Fiber: 32% max.

1/4 inch Timothy Pellets

Crude Protein: 10% min.
Crude Fat: 1% min.
Crude Fiber: 32% max.

1/4 inch Alfalfa/Timothy Pellets

Crude Protein: 12% min.
Crude Fat: 1.5% min.
Crude Fiber: 31% max.

1/4 inch Orchard Pellets

Crude Protein: 9% min.
Crude Fat: 1.5% min.
Crude Fiber: 39% max

3/8 inch Hay Pellets

3/8 inch hay pellets are an alfalfa based pellet with added molasses, vitamins, and minerals, plus salt, to provide all the nutritional requirements for your horse.

Alfalfa Hay Pellets

Crude Protein: 14% min.
Crude Fat: 1% min.
Crude Fiber: 30% max.

Alfalfa Bermuda Hay Pellets

The most popular hay pellet choice among horse owners. Varies between 60% alfalfa, 40% bermuda grass and 70% alfalfa, 30% bermuda grass.
Crude Protein: 11% min.
Crude Fat: 1% min.
Crude Fiber: 32% max.

Alfalfa Oat Hay Pellets

This pellet is a lower energy pellet. The irrigated Oat Hay used in this pellet is low in starch (<1.0%) due to being harvested before grain maturity. 70% alfalfa, 30% oat.

Crude Protein: 12% min.
Crude Fat: 1% min.
Crude Fiber: 30% max.

Hay & Grain Pellets

This pellet has 10% ground yellow corn added and is a good choice for working horses that require more energy. Ground corn is digested better by your horse compared to rolled or cracked corn. 90% alfalfa, 10% grain.

Crude Protein: 12.5% min.
Crude Fat: 1.5% min.
Crude Fiber: 28% max.



Star Complete Horse Pellet

Star Complete Horse Pellet is a high fiber, balanced, 5/32 inch pellet formulated for adult horses.
Crude Protein: 13.25% min.
Crude Fat: 3% min.
Crude Fiber: 26% max.

Main Ingredients

Suncured Alfalfa Meal, Wheat Bran, Ground Barley, Ground Oats, Cane Molasses, Canola Oil, Vitamins, Minerals

Daily Feeding Directions

This table provides general feeding directions. Feed with a quality forage and water. Amounts fed per day should be divided into at least 2 meals and adjusted to meet the individual horse's needs.

	800 lbs.	900 lbs.	1000 lbs.	1100 lbs.	1200 lbs.
Star Complete	Up to 10 lbs.	Up to 11¼ lbs.	Up to 12½ lbs.	Up to 13¾ lbs.	Up to 15 lbs.
Long Stem Hay	At least 4 lbs.	At least 4½ lbs.	At least 5 lbs.	At least 5½ lbs.	At least 6 lbs.

Advantages of Feeding Hay Pellets

- Reduces dust consumed or inhaled. This can limit exposure to potential allergens for horses with sensitivities.
- Older horses and horses with bad teeth thrive on pellets. Pellets can be soaked, to an oatmeal consistency, which makes them easier to chew and digest.
- All pellets comply with US Forest Service weed free standards.

Hay & Hay Pellet Feeding Guidelines

It is recommended that hay pellets should not exceed more than 50% of the horse's total forage portion of the diet. Eating long-stem forage (hay) requires the horse to drink more water, and also provides the fiber needed for healthy gut movements.

Horses with dental issues that can no longer chew hay can be fed pelleted forages soaked with water to create an oatmeal consistency.

Minimum Forage Intake - For most adult horses, feed a minimum of 1.4 - 1.5% of body weight per day.

Equine Feeding and Maintenance Guidelines

The feeding instructions in this brochure are guidelines for equine nutrition management. All horses' metabolisms are different.

The basic nutrient requirements for a horse are dependent on their level of activity or function. There are 5 general classifications that define nutrient requirements: Gestation, Lactation, Growth, Maintenance, and Work.

Knowing your horse's Body Condition Score and approximate weight is important in determining the correct feed amounts.

Feed by weight, not by volume. As the chart below shows, different amounts of feed will fit into the same size measuring container.

Ace Hi Feed Weight Chart

	Cups per 1 lb.	Lbs. per 8 Qt. Bucket	Lbs. per 3 lb. Coffee Can
Mare & Foal	3	10.7	4
Junior Horse	4	8	3
Equine Aged Diet	3.75	8.5	3.2
Equine Aged Diet (No Molasses)	3.25	9.9	3.7
Oat Base Horse (No Corn)	4	8	3
Performance 606	3	10.7	4
Stock Builder	3	10.7	4

Hay Pellets

1/4 in. Alfalfa	3.25	9.8	3.7
1/4 in. Timothy	3.25	9.8	3.7
1/4 in. Oat	3.5	9.1	3.4
1/4 in. Orchard	4.25	7.5	2.8
3/8 in. Hay Pellets	3.5	9.1	3.4
5/32 in. Star Complete Horse Pellet	3.25	9.8	3.7

Star Milling Co. is a family owned and operated business located in Perris, California. Since 1970, the mill still functions on the principles upon which it was founded.

Bill Cramer, President and Owner of Star Milling Co., says, "It's still family owned, with a personal commitment to quality and good manufacturing practices."



Star Milling Co. is solely a Non-Medicated Feed Manufacturer

Manufactured by

Star Milling Co.®

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Ace Hi Feeds



Horse Rations



The Advantages of Feeding Ace Hi Horse Feed

- All Ace Hi horse feeds are manufactured at Star Milling’s own facility in Perris, CA.
- Star Milling Co. is a medication/drug free facility that does not blend antibiotics, anthelmintics, ionophores, or coccidiostats into any of the feeds it produces.
- Each formula is a fixed formula – the same ingredients go into every bag.
- Ace Hi horse feeds are balanced formulas, and do not require additional supplements.
- Your horse will receive the proper nutrients required for their life stage and workload.

Guidelines for Equine Nutrition Management

- Analyze hay carefully. Look for hay that has a clean odor, fine stems, and good number of leaves, with a minimal amount of seed heads.
- Do not feed hay that is damp and moldy.
- Select the right feed for your horse’s life stage, level of activity, or function.
- Feed equal amounts 2 to 3 times daily at approximately the same times each day.
- Make feed changes gradually over a 5 to 7 day period.
- Feed by weight, not by volume.
- Warm up before and cool down after exercise.
- Provide clean, fresh water at all times. A horse requires at least 1 gallon of water per 100 pounds of body weight per day.
- Keep salt and trace minerals available.
- Observe horses as they eat. Sudden changes in appetite can mean there is a problem.
- Avoid overfeeding or underfeeding.
- Set up a program of regular de-worming, dental care, and vaccinations. Dental care is especially important for young growing horses and older senior horses.

Ace Hi Equine Aged Diet

Ace Hi Equine Aged Diet is a 14% protein feed designed especially for the mature horse’s nutritional needs. A formulation of two different pellets, one composed of fine-ground hay, and the other a pre-cooked extruded grain nugget, makes this feed highly digestible.

AVAILABLE WITH OR WITHOUT MOLASSES.

Crude Protein: 14% min.
Crude Fat: 5.5% min.
Crude Fiber: 20% max.



Main Ingredients

Suncured Alfalfa Meal, Wheat Bran, Soyhull Pellets, Steam Rolled Barley, Canola Oil, Cane Molasses, Wheat Flour, Rice Bran, Soybean Meal, Whole Ground Flaxseed, Dried Saccharomyces cerevisiae, Beet Pulp Shreds, Brewer’s Yeast, Mannan Oligosaccharides, Yeast Culture, Vitamins, Minerals

Daily Feeding Directions

This table provides general feeding directions. Feed with a quality forage and water. Amounts fed per day should be divided into at least 2 meals and adjusted to meet the individual horse’s needs.

Workload	800 lbs.	900 lbs.	1000 lbs.	1100 lbs.	1200 lbs.
Maintenance	2-5 lbs.	2½-5½ lbs.	3-6 lbs.	4-7 lbs.	5-8 lbs.
Light Work	3-6 lbs.	3½-6½ lbs.	4-7 lbs.	5-8 lbs.	6-9 lbs.
Moderate Work	4-8 lbs.	4½-7½ lbs.	5-8 lbs.	6-9 lbs.	7-11 lbs.

For horses unable to properly chew and digest long stem hay:

If your horse is unable to chew properly due to poor dentition, introduce a hay pellet. Feed approximately 1 – 1 ½ pounds for 100 pounds of body weight of hay pellets, in addition to the recommend amount of Equine Aged Diet. Feed changes must be gradual. For softer diets, add water to the mix.

Ace Hi Mare & Foal

Ace Hi Mare & Foal is a 16% protein pelleted feed designed to be fed to pregnant mares as well as foals. This feed is specially designed with high-quality protein, probiotics to aid in digestion, chelated trace minerals, vitamins, and the correct energy needed to maintain horses in excellent condition.

Crude Protein: 16% min.
Crude Fat: 3% min.
Crude Fiber: 7% max.



Main Ingredients

Suncured Alfalfa Meal, Wheat Bran, Soyhull Pellets, Steam Rolled Barley, Canola Oil, Cane Molasses, Wheat Flour, Rice Bran, Soybean Meal, Whole Ground Flaxseed, Dried Saccharomyces cerevisiae, Beet Pulp Shreds, Brewer’s Yeast, Mannan Oligosaccharides, Yeast Culture, Vitamins, Minerals

Daily Feeding Directions

This table provides general feeding directions. Feed with a quality forage and water. Amounts fed per day should be divided into at least 2 meals and adjusted to meet the individual horse’s needs.

Life Cycle	800 lbs.	900 lbs.	1000 lbs.	1100 lbs.	1200 lbs.
Pregnancy					
6th to 8th month	2-4 lbs.	2½-4½ lbs.	2½-5 lbs.	3-5½ lbs.	3-6 lbs.
Pregnancy					
9th month to foaling	3-6 lbs.	3½-6½ lbs.	3½-7 lbs.	4½-8 lbs.	4½-8 ½ lbs.
Lactation					
1st to 12th week	4-8 lbs.	4½-9 lbs.	5-9½ lbs.	5½-10½ lbs.	6-11 lbs.
Lactation					
13th week to weaning	3-6 lbs.	3½-6½ lbs.	4-7½ lbs.	4½-8 lbs.	5-8½ lbs.

Creep feeding Feed as early as 1 month of age. Initially feed ¼ pound per meal and increase up to ½ pound per 100 pounds of the foal’s body weight.

Weaning & Yearling Body weight varies during the growing phase. Feed ½ to ¾ pounds per 100 pounds of the weaning’s body weight daily with a quality forage.

Ace Hi Junior Horse

Ace Hi Junior Horse is a 14.5% protein diet specially formulated for weanlings, yearlings, and two year-olds. It is composed of a pre-cooked extruded grain nugget, a fiber pellet made of alfalfa meal, rolled barley, molasses and canola oil. Junior Horse provides easy digestion with pre-cooked grains, probiotics, vitamins and minerals specific for growing horses.

Crude Protein: 14.5% min.
Crude Fat: 4% min.
Crude Fiber: 11% max.

Main Ingredients

Suncured Alfalfa Meal, Ground Yellow Corn, Wheat Bran, Soybean Meal, Cane Molasses, Wheat Flour, Canola Oil, Steam Rolled Barley, Hydrolyzed Vegetable and Animal Fat, Dried Saccharomyces cerevisiae, Vitamins, Minerals

Daily Feeding Directions

This table provides general feeding directions. Feed with a quality forage and water. Amounts fed per day should be divided into at least 2 meals and adjusted to meet the individual horse’s needs.

Life Cycle	
6-12 months	Body weight varies during the growth phase. Feed approximately ½ - 1 pound per 100 pounds of horse’s body weight daily. Younger growth periods compared to later growth periods.
1-2 year old	Feed approximately ½ - ¾ pound per 100 pounds of horse’s body weight daily.
2-4 year old	Feed approximately 1/3 – ½ pound per 100 pounds of horse’s body weight daily.
4 years & older	For working/training horse, feed Ace Hi Performance 606.

Apple Smacks Horse Treats

A nutritious apple flavored treat that any horse is sure to love.

Crude Protein: 14% min.
Crude Fat: 3% min.
Crude Fiber: 5% max.

Ace Hi High Oat Base Horse (No Corn)

Ace Hi High Oat Base Horse (No Corn) horse feed is an 11.5% protein ration formulated for those who prefer to feed their horse oats as the basic grain. Formulated with rolled grains and vitamins, it is ideal for horses used in heavy work or training.

Crude Protein: 11.5% min.
Crude Fat: 3% min.
Crude Fiber: 10% max

Main Ingredients

Crimped Oats, Steam Rolled Barley, Cane Molasses, Protein Pellet consisting of: Soybean Meal, Suncured Alfalfa Meal, Wheat Flour, Wheat Bran, Ground Wheat, Dried Saccharomyces Cerevisiae (Diamond V Yeast Culture), Canola Oil, Vitamins, Minerals

Daily Feeding Directions

This table provides general feeding directions. Feed with a quality forage and water. Amounts fed per day should be divided into at least 2 meals and adjusted to meet the individual horse’s needs.

Workload	800 lbs.	900 lbs.	1000 lbs.	1100 lbs.	1200 lbs.
Maintenance	2-4 lbs.	2¼-4½ lbs.	2½-5 lbs.	2¾-5½ lbs.	3-6 lbs.
Light Work	2-4 lbs.	2¼-4½ lbs.	2½-5 lbs.	2¾-5½ lbs.	3-6 lbs.
Moderate Work	4-6 lbs.	4½-6¾ lbs.	5-7½ lbs.	5½-8½ lbs.	6-9 lbs.
Heavy Work	8-10 lbs.	9-11¼ lbs.	10-12½ lbs.	11-13¾ lbs.	12-15 lbs.

Ace Hi Performance 606

Ace Hi Performance 606 is a 15% protein pellet to be fed to growing, working, or training horses.

Crude Protein: 12% min.
Crude Fat: 3% min.
Crude Fiber: 6% max

Main Ingredients

Ground Barley, Wheat Bran, Soybean Meal, Wheat Flour, Cane Molasses, Canola Oil, Dried Saccharomyces cerevisiae, Vitamins, Minerals

Daily Feeding Directions

This table provides general feeding directions. Feed with a quality forage and water. Amounts fed per day should be divided into at least 2 meals and adjusted to meet the individual horse’s needs.

Stock Builder

Stock Builder is a high protein pelleted feed that maximizes performance and production for all levels of activity. Optimal nutrition to add vigor, growth, finish, and bloom.

Crude Protein: 25% min.
Crude Fat: 3% min.
Crude Fiber: 6% max.

Main Ingredients

Soybean Meal, Wheat Bran, Ground Corn, Ground Barley, Whole Dried Whey, Wheat Flour, Brewer’s Yeast, Dried Saccharomyces cerevisiae (Diamond V Yeast), Suncured Alfalfa Meal, Linseed Meal, Canola Oil, Cane Molasses, Vitamins, Minerals

Daily Feeding Directions

This table provides general feeding directions. Feed with a quality forage and water. Top dress Stock Builder Pellets with your current feeding program for additional nutrients.

Life Cycle	Suggested Feeding
Foal	1 lb.
Show Stock	1 lb.
Working Stallion	1 lb.
Pregnant Mare	1 lb.
Lactating Mare	1 lb.

Workload	600-700 lbs.	800 lbs.	900 lbs.	1000 lbs.	1100 lbs.	1200 lbs.
Young Horses (Growing)	4-7 lbs.	4½-7½ lbs.	5-8 lbs.	—	—	—
Light Work (Mature Weight)	—	3-6 lbs.	3½-6½ lbs.	4-7 lbs.	4½-7½ lbs.	5-8 lbs.
Moderate Work (Mature Weight)	—	4-7 lbs.	4½-7½ lbs.	5-8 lbs.	5½-8½ lbs.	6-9 lbs.
Heavy Work (Mature Weight)	—	5-7 lbs.	5½-8½ lbs.	6-9 lbs.	6½-9½ lbs.	7-11 lbs.
Very Heavy Work	—	6-9 lbs.	7-10 lbs.	8-11 lbs.	9-12 lbs.	10-13 lbs.