

INFORMATIONAL HANDBOOK



PREMIUM CULTURED ALFALFA



TABLE OF CONTENTS

WHAT IS CHAFFHAYE?	2
MISSION & VISION	3
HISTORY OF CHAFFHAYE	4
ALL ABOUT CHAFFHAYE	5
CHAFFHAYE BENEFITS	6
PREMIUM-QUALITY ALFALFA	7
WHY DELL CITY, TX?	8
HOW IT'S MADE	9
MOLASSES	10
FROM GREEN TO GOLD	11
ACTIVE FORAGE	12
CULTURING PROCESS	13
NUTRITIONAL ANALYSIS	14
STORAGE	15
CHAFFHAYE LIFESTYLES	16
HORSES	17
<i>Digestive Health</i>	18
<i>Equine Gastrointestinal (GI) Tract Structure and Function</i>	19
<i>Senior Horses</i>	20
<i>Equine Nutritional Benefits</i>	21
<i>Athletes</i>	22
RUMINANTS	23
<i>Physiological Benefits</i>	24
<i>Weaning & Fibrous Mat</i>	26
<i>Cattle</i>	27
<i>Goats</i>	28
<i>Sheep</i>	29
CAMELIDS	30
DEER & EXOTICS	32
CHICKENS	34
RABBITS	36
SMALL FRIENDS	38
CONTACT INFORMATION	40



WHAT IS CHAFFHAYE?

Plain and simple, **CHAFFHAYE** is a freshly chopped, premium bagged forage sold in 20 oz, 20lb, and 50lb bags that captures the key characteristics of fresh pasture while offering a guaranteed level of nutrition. It's ideal for ensuring maximum health and well-being for all classes of horse, ruminant, deer, camelid, chicken, rabbit, and other exotic animals.

Most animal feeds go through a drying process that removes a majority of the naturally occurring plant juice from the forage. This essentially drains life from the feed. We process **CHAFFHAYE** to retain its natural plant juice, preserving the natural probiotics of the feed. By keeping the plant juice, **CHAFFHAYE** becomes the closest product you can buy to fresh, natural pasture.





MISSION

Through education and innovation, **CHAFFHAYE** is reshaping the way we feed forage. With a natural blueprint and science as our guide, we have discovered a process that adjusts our forage composition to unlock the total digestible nutrients (TDN), as nature intended. Together, we make a difference in the lives of animals that make a difference in ours. You know in your gut that you can count on them; their gut counts on you.



VISION

We're committed to educating people about the importance of proper gut health in animals. Our goal is to reshape the industry standard by going back to how nature intended - Simple, natural, and extraordinary. When your animal feels better, it performs better. Together we feed your dreams.



HISTORY OF CHAFFHAYE

In the 1920s, British Royalty sent many horses around the world. In those days, the horses were fed each host country's local feed, sometimes wreaking havoc on the animals' respiratory and digestive systems. After one particularly bad episode, nutritionists were commissioned to develop a consistent feed product that could accommodate the horses' rigorous travel schedule.

Nearly 25 years ago, an operation was established in the United States to grow and package dust-free, premium-grade forage called **CHAFFHAYE**. The developers of **CHAFFHAYE** located its pastures near the remote high desert town of Dell City, Texas. With its combination of ideal climate, an abundance of water, and fertile soil, it became one of the premier growing regions of forage in America.

Today, we're proud to operate a family-owned, state-of-the-art facility that has become the leading producer of premium fresh chopped, bagged forage in the U.S. Our goal is to cultivate and produce the finest all-natural forage product on the market, elevating horses, ruminants, and other grazers' performance and well-being.

ALL ABOUT CHAFFHAYE

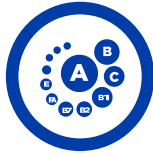
Also known as “Lucerne,” alfalfa is a perennial flowering legume related to the bean family. The earliest recorded use of alfalfa is by the Persians almost 3,000 years ago to sustain horses over long military campaigns.

Today, alfalfa is still recognized as providing the highest feed value of all the common hay crops for both horses and livestock. Thus, It’s called the “Queen of Forage.” The alfalfa plant is quite different from grass. It’s loaded with small, clover-like leaves and has a dense stand.

Alfalfa is a rich source of protein and nutrients because it has a unique ability to sequester nitrogen from the air and convert it into a protein with the aid of specialty microbes at its roots. With roots that can grow 20-feet deep, the alfalfa plant is very good at soaking up trace minerals and elements. These minerals are then stored in the plant leaves, making it easier to digest by the animal.



CHAFFHAYE BENEFITS



An Excellent Source of Calcium, Vitamins and Minerals

Alfalfa is a rich source of important vitamins and minerals, including vitamins A, B, and E, thiamin, riboflavin, biotin, and folic acid. It's also an excellent source of calcium, which promotes growth and development in bones and hooves. Alfalfa has more than double the calcium of grass and is easily absorbed into the body. If you or your nutritionist are concerned with achieving optimum calcium to phosphorus ratio of 2:1, add a small amount of oats, which are low in calcium and high in phosphorus, to round out your animal's diet.



An Excellent Source of Protein

All grazers and browsers need protein, especially those that are growing, lactating, or adults in high-performance work. Protein also plays an essential function in building muscle tone. Animals that do not receive sufficient levels of protein can experience stunted growth and development. The culturing process in **CHAFFHAYE** actually enhances the quality of protein found in alfalfa.



Energy for Performance

Alfalfa, an excellent source of high quality fiber, delivers slow release energy to meet animal light duty daily nutritional requirements. The cultivation in **CHAFFHAYE** delivers live cultures (probiotics) in the forage. Nutritionists may further benefit your animal with directed therapies to improve nutrient absorption and performance.



Low Starch and Sugar Content

The **CHAFFHAYE** process further reduces sugar content through a culturing process that converts sugars into beneficial lactic acid. The level of simple sugars in **CHAFFHAYE** falls below 5%, lower than the sugar level of most growing pasture or so-called "low sugar" commercial feeds. **CHAFFHAYE's** glycemic index level is 43, which means lower glucose than dried alfalfa hay. This makes **CHAFFHAYE** safe for horses that are laminitic or prone to any metabolic issues.



Probiotics and Natural Enzymes

CHAFFHAYE preserves its natural plant juice, which helps maintain natural probiotics in the feed. Probiotics are live bacteria and yeasts that are good for animal digestive systems. Probiotics improve digestion and provide nutritional benefits, such as the production of B-vitamins necessary for metabolism. Natural probiotics maintain an optimal digestive pH, eliminating ailments arising from stress and hauling.

THE 3 KEYS TO PRODUCING PREMIUM-QUALITY ALFALFA



LOCATION

Location, location, location. Proper growing climate is crucial. Unpredictable weather can cause inconsistencies in forage.



MOISTURE

Moisture content helps determine the number of nutrients preserved during cultivation. CHAFFHAYE is ALWAYS bagged at the optimal moisture content level.



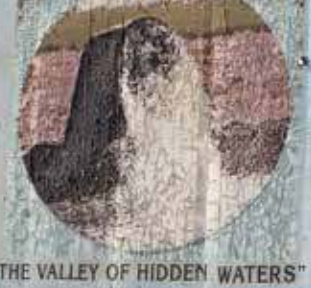
TIMING

Harvesting too early or too late can make a difference between premium- quality and poor-quality forage.



DELL CITY

A GROWING COMMUNITY



WHY DELL CITY, TX?

Many times, weather plays a factor in the timing of harvesting. The farmer plans to harvest at peak optimal time, but rain forces a delay. Fortunately, forage for **CHAFFHAYE** is grown in the dry, high desert of West Texas, making delays in our harvest a rare occurrence. In a rare significant rain delay, which pushes the harvest date past the optimal point, we will bale hay instead of harvesting it for **CHAFFHAYE**. We ensure that only our highest-quality forage cut at its nutritional peak ends up as **CHAFFHAYE**.

Advantages of Dell City, TX.

- **Low Annual Rainfall and Plenty of Ground Water:** This allows us to control all watering and harvest aspects.
- **Hot Days and Cool Nights:** Dell City has the perfect climate for alfalfa to thrive.
- **No Blister Beetles:** These toxic beetles aren't native to our area.

HOW IT'S MADE

1



We Start with the Best

Premium, NON-GMO alfalfa is harvested at optimal plant maturity to maximize nutrient levels and palatability while eliminating the dust and airborne mold found in baled hay.

2



Chopped Green and Bagged Fresh

While still fresh, the crop is chopped, lightly misted with molasses, then packed into 20oz, 20lb, and 50lb air-tight packages that lock in freshness.

3



Anaerobic Culturing

The bag is sealed, and all outside oxygen is cut off from the product. The beneficial bacteria use oxygen in the bag to create an anaerobic environment. Acids produced by the beneficial bacteria reduce the pH of **CHAFFHAYE** to below 5, which prevents the growth of harmful molds.

The beneficial bacteria break down plant matter in the alfalfa, similar to what takes place in the cecum of a horse or rumen in ruminants. Ultimately, the nutrients and the probiotics generated from the culturing process are perfectly preserved, giving **CHAFFHAYE** a long shelf-life.

MOLASSES



Two tablespoons of molasses are drizzled over freshly chopped hay while it moves along our production conveyor. Two tablespoons per 50lb bag may seem like an insignificant amount for a large animal; however, it's actually intended for the microscopic bacteria that are naturally living in the fresh forage. Molasses provides the bacteria its initial food source. The beneficial bacteria break down the molasses sugar (along with the alfalfa sugar) into lactic acid, which lowers the overall bag pH level. This process is called anaerobic fermentation, which locks in natural freshness.

Upon opening a bag of **CHAFFHAYE**, there's no longer any molasses remaining, just the sweet-smelling (and tasting) reminder of its former existence. What does remain is a forage that's been 50% broken down and teeming with beneficial bacteria ready to help your animal in their digestion. When consuming this highly digestible forage, your animal introduces all these "good bugs", which aid in digestion.

Raw Ingredient Composition:
(99%) Lucerne (alfalfa) and (<1%) cured molasses

FROM GREEN TO GOLD



Fresh Cut Alfalfa



Cultured Alfalfa

Fresh-cut alfalfa may instinctively look more beneficial; however, our proprietary culturing process unlocks nature's total digestible nutrients (TDN) for greater animal health. Kissed with a hint of molasses and packed with beneficial yeast colonies, **CHAFFHAYE** is more cultured than your average alfalfa.

ACTIVE FORAGE



CHAFFHAYE's superior digestibility and palatability arise from its unique, naturally induced anaerobic cultivation which occurs in the package.

From cultivation, **CHAFFHAYE** becomes rich in yeast, enzymes, and beneficial microorganisms that exert health and physiological benefits to the animal beyond the forage's basic nutrition.

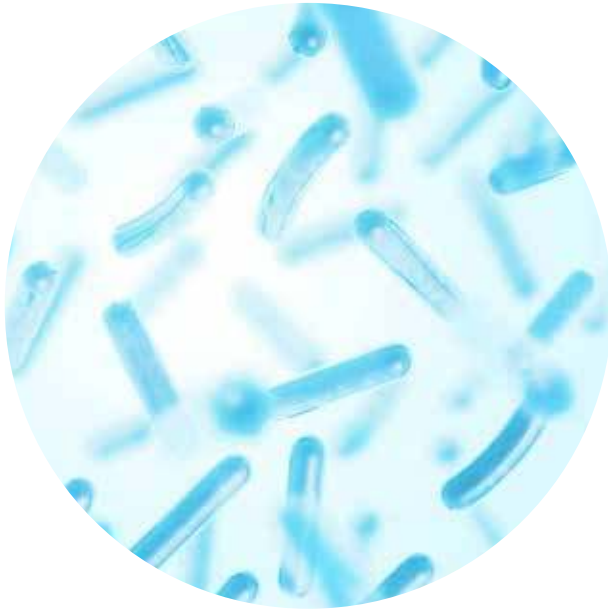
The most important of these health-promoting organisms in **CHAFFHAYE** is lactic-acid-producing bacteria (LAB) and yeast.

Lactic-Acid Producing Bacteria (LAB)

Since the early 1900s scientists have observed longer life expectancies in humans that consumed higher amounts of cultured food, like yogurt, the key organisms identified in these foods were lactic-acid-bacteria (LAB).

Over the last 30 years, scientific interest has grown to understand how lactic acid-producing bacteria impact animal digestive systems. While rich in LAB, **CHAFFHAYE** helps maintain LAB dominance in the intestinal tract while supporting optimal digestion and, ultimately, immunity against disease. Additionally, the LAB's acids reduce the pH of **CHAFFHAYE** to the point that harmful molds cannot grow.

CULTURING PROCESS



Through its natural culturing process, **CHAFFHAYE** is a rich source of all-natural, live (viable) yeast. In some cases, when opening a new bag of **CHAFFHAYE**, you may notice small patches of yeast that appear as a white, milky substance usually formed in a circle. Do not be alarmed! In fact, it's a beneficial yeast colony, which sets us apart from our competitors.

Whether yeast proliferates fast enough to form a visible colony of white substance appearing on the surface of **CHAFFHAYE**, is a randomly occurring event; if one does form, it's **SAFE TO FEED** to animals. When yeast cultures are present, they have a slight sweet smell or no smell at all.

Today, there's a significant body of scientific research that supports these long-held views about the beneficial function of yeast in animal diets.

Industry professionals are increasingly using yeast to improve livestock performance, especially when animals are under stress and in situations of frequent travel or high activity.



NUTRITIONAL ANALYSIS

NUTRIENTS	AS FED FROM BAG	DRY FORM	BENEFITS
Crude Fiber	9.50%	22.45%	Required for proper gut motility and digestion. High fiber intake reduces the incidence of diarrhea, colic, and laminitis.
Crude Protein	9.41%	22.41%	A building material for the body. Improves growth, endurance, reproduction, and performance in animals (lactation, fleece, horn, hooves, etc.)
Available Protein	8.70%	20.85%	
Starch	1.21%	2.89%	Animals use a polysaccharide as an energy source.
Ethanol-Soluble Carbohydrates (ESC)	1.58%	3.73%	A subset of WSC includes sugars primarily digested in the small intestine and gives a true glycemic response in horses.
Water Soluble Carbohydrates (WSC)	2.46%	5.94%	Simple sugars and fructans. Fructans digest in the large intestine of a horse. Excessive amounts can upset the microbial populations leading to colic or laminitis.
Crude Fat	1.63%	3.93%	Increases energy. Improves palatability.
Total Fatty Acids	6.96%	2.27%	Fatty acids are crucial components of the immune system, providing the structural basis of all cell membranes, acting as signaling molecules, and providing a significant substrate for energy production.
Total Digestible Nutrients (TDN)	26.09%	62.55%	Indicates premium to supreme grade alfalfa.
Calcium	0.65%	1.52%	Required for bone development and strength. Important muscle contraction, metabolism, blood clotting, activation of enzymes.
Phosphorus	0.11%	0.27%	Metabolizes fat, carbohydrates, calcium, and sugar—important in bone growth, energy production, and proper utilization of vitamins.
Magnesium	0.19%	0.45%	Remarkably improves the digestibility of feed.
Potassium	1.07%	2.54%	Required for proper muscle development. It also is essential for good heart function.
Sodium	0.22%	0.44%	Contributes to the maintenance of cellular membrane electrochemical gradient (known as membrane potential). They are also involved in digestion (HCl in the stomach), absorption (Na), and transportation of nutrients from the intestines into the bloodstream.
Lysine	0.38%	0.92%	An essential amino acid for growth and constitutes a percentage of muscle mass.
pH	4.06	N/A	Chaffhaye maintains optimal gut pH and allows the animal to extract energy and nutrition from forage better.
Yeast Count, cfu/g	80.00	N/A	Through its natural culturing process, Chaffhaye is a rich source of all-natural, live (viable) yeast.
Moisture	57.93%	N/A	Dust-Free Chaffhaye retains natural plant moisture.

All feeds are made up of two basic factors: water (moisture) and dry matter (everything else). The dry matter is composed of nutrients such as protein, carbohydrates, minerals, etc. As a result, the dry matter composition will determine the nutrient contribution to your animals' diet.

Forage dry matter is important because it reveals actual amounts of various nutrients available to the animal consuming the feed. **As fed** (chart above) represents the feed or forage as it's fed to the animal including the nutritional juices (moisture).

STORAGE

Once opened, **CHAFFHAYE** acts like any fresh product. By opening the bag, the forage becomes exposed to oxygen and begins to lose its freshness. As a guide, **CHAFFHAYE** will remain fresh for 7 to 10 days, depending on weather conditions. For this reason, an opened bag should be stored in a cool, dry environment and re-closed to prolong freshness. Follow these three steps to ensure your **CHAFFHAYE** stays as fresh as possible.

The Best Method

The **CHAFFHAYE** bag is specifically engineered to extend the forage shelf life. For that reason, we recommend always storing your **CHAFFHAYE** inside the original bag.

For best results, do not place inside containers as this can unnecessarily heat the product.



STEP 1

Open the bag. Use a knife, box opener, or scissors to cut along the top seam of the bag.



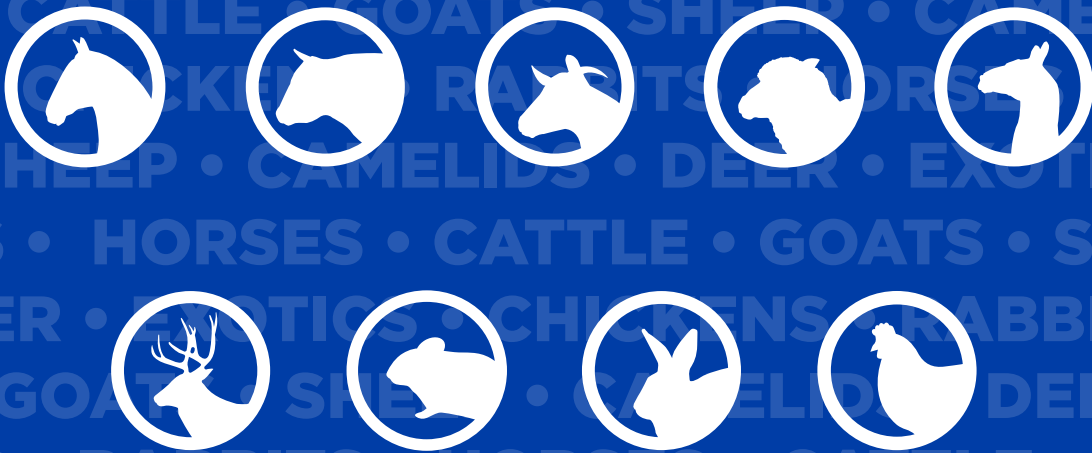
STEP 2

After removing the serving, roll the top back down and press out all air. **DO NOT TRANSFER PRODUCT INTO ANOTHER CONTAINER** - this will reintroduce oxygen and shorten the shelf life.



STEP 3

Tape the top down, place a heavy object, or use a clip to keep the top rolled down. Store in a cool place. If storing for longer than one week, you may remove the product to place in individual freezer bags and freeze to maintain freshness.



CHAFFHAYE

LIFESTYLES

HORSES





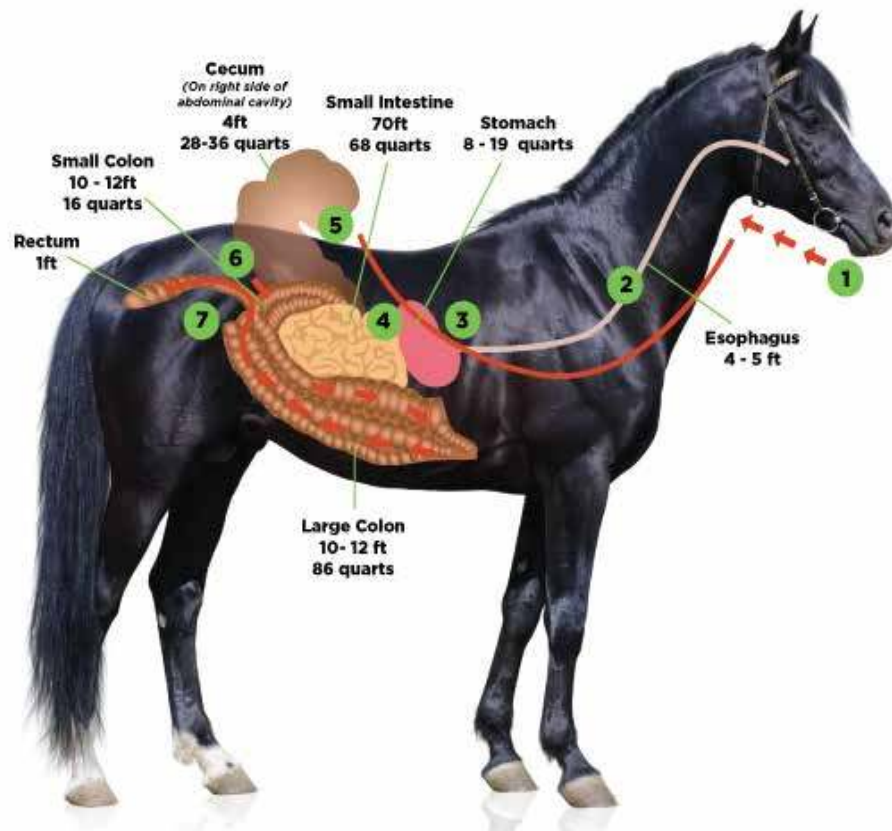
DIGESTIVE HEALTH

We process **CHAFFHAYE** to retain its natural plant juice, preserving the natural probiotics of the feed. By retaining the plant juice, **CHAFFHAYE** becomes the closest product you can buy to fresh, natural pasture. Hence, we call it "premium cultured alfalfa, from green to gold."

The "predigestion" inside the **CHAFFHAYE** bag allows the horse to absorb more nutrients in the foregut with less spilling over to the hindgut.

With **CHAFFHAYE**, you will notice reduced manure and very little undigested plant matter. With a bit of examination, one can quickly prove that a higher level of nutrient absorption occurs with **CHAFFHAYE** than baled hay.

EQUINE GASTROINTESTINAL (GI) TRACT STRUCTURE AND FUNCTION



1. Chewing breaks down food particles at the mouth. Horses form a bolus of food with the teeth and tongue, then swallow.

2. Bolus travels through the esophagus and into the stomach. Feedstuffs that are not broken down well can get stuck here, known as choke.

3. Feedstuffs enter the stomach where the digesta is broken down further by lactic acid-producing bacteria and acid. The stomach is small, roughly 10% of the digestive tract and food moves quickly through the organ.

4. Digesta then enters the small intestine where fats, proteins, and non-structural carbohydrates are broken down to their simplest form, then absorbed for the

horse's energy use. Even though the small intestine is 70 ft long in an adult horse, the digesta passes quickly through this organ as well.

5. Food leaves the small intestine and enters the hindgut of the horse. At this point, ideally, the foregut would have digested and absorbed all of the fat, protein, and non-structural carbohydrates in the diet. Products of digested nutrients are not capable of being absorbed across the walls of the hindgut. Significant amounts of some of these nutrients in the hindgut can cause digestive upset and colic.

6. The cecum is the first organ of the hindgut and holds around 30 quarts of digestive matter.

Microorganisms digest structural carbohydrates (fiber) into useful nutrients for the bacteria colonies, Volatile Fatty Acids, and B-vitamins that can be absorbed across the cecal wall and utilized by the horse.

7. Digesta can stay in the cecum for over 24 hrs, then moves on to the large and small colon. The majority of water in the digesta is absorbed in the colon. Because of the colon's extensive curvature, impaction colic is likely here if the digesta is too bulky or too dry.

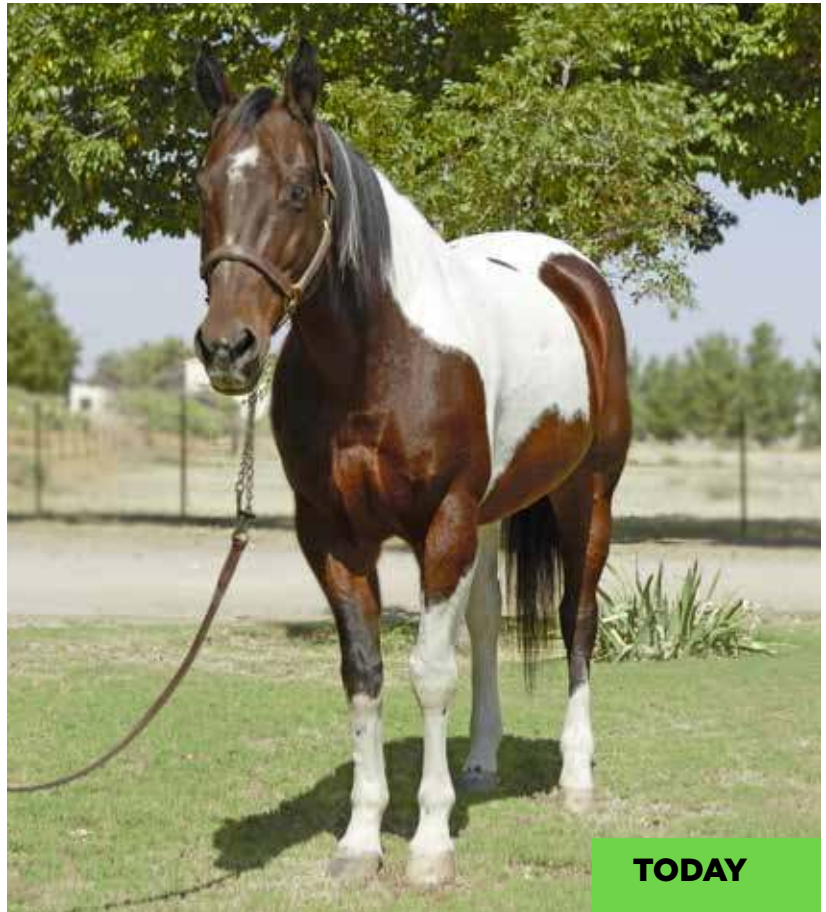
8. Finally, what remains of the digesta should be an indigestible matter when it enters the rectum, where manure balls are formed and excreted.



BEFORE CHAFFHAYE



6-8 WEEKS ON CHAFFHAYE



TODAY

SENIOR HORSES

CHAFFHAYE is the perfect feed for older horses. The two leading causes of body condition losses in older horses are poor teeth and reduced digestive ability.

As a naturally moist forage, **CHAFFHAYE** makes it easy for horses with few or no teeth to handle. Most importantly, **CHAFFHAYE** undergoes a sort of “predigestion” thus, when your senior horse eats **CHAFFHAYE**, it will absorb a significantly higher amount of nutrition.

We’re confident that **CHAFFHAYE** will improve the quality of life for every animal.

“I have owned my mare Kady since she was 18. In May 2019, she sustained a large laceration to her barrel which resulted in her losing a lot of weight. I tried for months to get her to regain the lost weight and in November 2019, she was no longer skinny but had a massive hay belly, her coat was dull, and she was not developing muscle. In February 2020, it was suggested I start Kady on **CHAFFHAYE**. Within three weeks, I started noticing changes, and by three to four months, she was a completely different horse! Her shoulders and hips filled out with muscle, her coat began to shine, her hay belly disappeared, and she got a more even fat coverage over her entire body. Her mane and tail began to grow and thicken and her farrier even noticed a change in the strength and quality of her hooves. I have noticed an improvement in her performance due to overall health.— Sarah Loman, Las Cruces, NM

EQUINE NUTRITIONAL BENEFITS

Probiotic Forage

Beneficial bacteria and yeast cultures for optimum gut health



Less Than 4% NSC

Lowest sugar and starch content on the market. Glycemic index estimation is 43, which means lower glucose than dried alfalfa hay



Free of Airborne Dust, Mold-Spores & Allergens

Eliminates respiratory ailments and allergies



Less Manure

More nutrient absorption means less manure



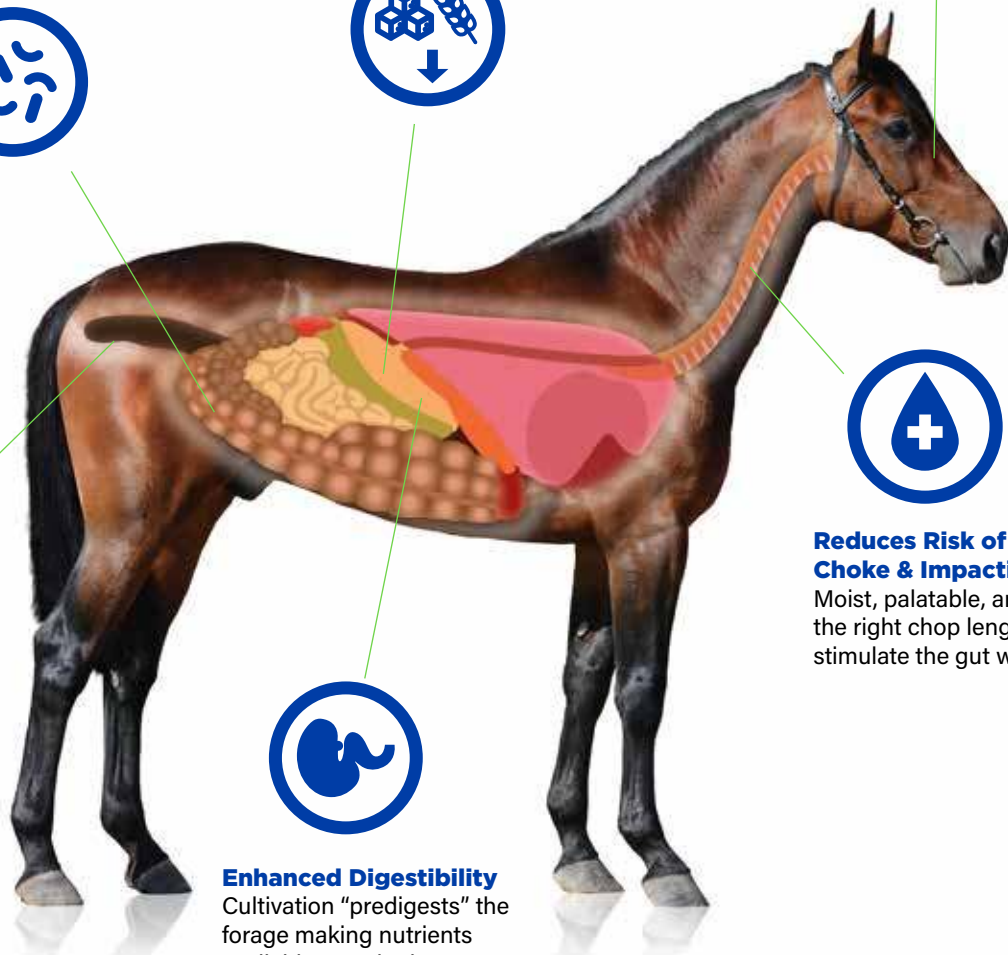
Reduces Risk of Choke & Impaction

Moist, palatable, and just the right chop length to stimulate the gut walls



Enhanced Digestibility

Cultivation "predigests" the forage making nutrients available even in the foregut



ATHLETES

- **CHAFFHAYE for Athletes**

Fuel your athlete: loaded with all the nutrients and energy your athlete needs to reach their full potential.

- **No “Hay-Belly”**

Less intestinal fill means a better fitting saddle and better performing athlete.

- **Dust and Airborne Mold-Spore Free**

Guaranteed dust and airborne mold-spore free.

- **Convenient Packaging**

Compressed 50lb bale engineered for easy handling. **CHAFFHAYE** takes up less than 1/3 of the space required for baled hay and can be stored inside or outside.

- **Reduces Stress-Related Ailments**

Natural probiotics maintain an optimal digestive pH, eliminating ailments caused by travel and stress.



“I have been feeding **CHAFFHAYE** to two of my show horses for the past 5 weeks and am very impressed with the results. Both of these AQHA performance horses show better definition of their top-line. They seem to be more relaxed when working and in general show a better “bloom” than before I began with the **CHAFFHAYE.**” — Ruth Dismuke-Blakely, Skyline Therapy Services, Edgewood, NM

RUMINANTS



PHYSIOLOGICAL BENEFITS

There are unique biological aspects to **CHAFFHAYE** that exert health and physiological benefits beyond the forage's nutrition. **CHAFFHAYE** undergoes an all-natural cultivation process in the package that enlivens the feed with yeast, enzymes, and beneficial microflora. **CHAFFHAYE's** beneficial microflora, or fiber-digesting bacteria, closely resembles those found in the early fiber-digestion process in the rumen of ruminants. In essence, **CHAFFHAYE** "predigests" the forage in the bag. Once consumed, more nutrients can be assimilated (absorbed) in the body, leading to more significant nutritional benefits.





Higher Weight Gain and Milk Production

Increased nutrient absorption and microbial-based protein production make **CHAFFHAYE** great for both meat and milk operations.



Probiotic Forage

Beneficial bacteria and yeast cultures create optimum digestive health.



Zero Waste

Soft and palatable, your animals will eat every bit, no stems left behind.



Dust, Allergen and Airborne Mold-Spore Free

Reduces respiratory ailments and allergies.



Less Manure

More nutrient absorption means less manure.

WEANING

Young calves and kids will begin chewing on straw, hay, or other fibrous materials at a very young age. It's a natural instinct for ruminants to seek out this fiber and begin the development of their rumen. After six weeks, ruminants weaned on forage like **CHAFFHAYE** have been shown to have a 50% larger and more developed rumen. More surface area means a greater ability to absorb nutrients and, in turn, maximize their genetic growth potential.



FIBROUS MAT



A fibrous mat at the bottom of the rumen is necessary to retain and cultivate beneficial bacteria in the digestive tract. **CHAFFHAYE** is the perfect chop-length to create this fibrous mat.

CATTLE



It's not always easy to keep your livestock's digestive system correctly functioning while also meeting a large percentage of your animal's daily nutrient requirements at a reasonable cost. **CHAFFHAYE** provides a solution as a superior alternative to baled hay and processed feeds for your cattle.



BENEFITS FOR CATTLE

How an animal nutritionally utilizes their feed is just as important as what is in that feed. A feed can have all the nutrition in the world, but if the animal cannot absorb that nutrition, it's lost in manure. An animal's ability to absorb a feed is known as its "biological response" to the feed. With **CHAFFHAYE**, your cattle will achieve one of the highest possible biological responses.

GOATS

When raising goats, one must consider their nutritional needs. Whether raising goats for meat, dairy, or sustainable living, goats need high-quality feed to thrive. The better your goats are fed, the better return on your investment.

Unlike its counterparts, **CHAFFHAYE** provides more energy, vitamins, and minerals than dried hay. **CHAFFHAYE** captures key characteristics of fresh pasture, while also offering a guaranteed level of nutrition for goats.



BENEFITS FOR BOER/MEAT GOATS

- Used as a “top dressing”
- Supplements for much-needed source of fiber
- Offers a safe protein content without the burnout of traditional alfalfa
- Reduces “hay belly” look
- Drops the flank and increases fill
- Increases muscle and tone with protein
- Decreases “choke”
- Creates cover and finish

BENEFITS FOR DAIRY GOATS

- Can be used as the primary feed
- Supports full growth and development for all ages of dairy goat
- Increases milk yield
- Reduces “hay belly” look
- Increases muscle tone
- Creates cover and finish
- Decreases the probability of toxoplasmosis for breeding does

“We have been using **CHAFFHAYE** for our goats since we were introduced to it at our ADGA National show in 2016. My goats absolutely loved it. We noticed an improvement in their body condition and milk production. We have been feeding it to them ever since our local feed store started carrying it. We also found it to be more cost-effective as there is less waste. We have been more than pleased with this product. When anyone asks us what we feed, the first thing I mention is that we feed **CHAFFHAYE.**” — **Jessica Taylor, Thompsettown, PA**

SHEEP



As a sheep owner, you've probably faced the difficult challenge of finding quality forage on a consistent basis. It's not always easy to keep the digestive system of your sheep properly functioning while also meeting a large percentage of your animals' daily nutrient requirements at a reasonable cost. **CHAFFHAYE** provides a solution as a superior alternative to baled hay and processed feeds.

BENEFITS FOR SHEEP

- Acts as a clean and stable feed source
- Can be used as a supplement, top dressing, and fiber option
- Can be used as a primary feed source in breeding stock
- Offers a safe protein content without the burnout of traditional alfalfa
- Reduces "hay belly" look
- Drops the flank and increases fill
- Increases muscle and tone with protein
- Decreases "choke"
- Helps produce long fiber
- Safe levels of copper



CAMELIDS





BENEFICIAL **MICROORGANISMS**

CHAFFHAYE is a safe choice for feeding high-quality forage on a consistent basis, as well as providing live beneficial microorganisms that establish and maintain a healthy microbial balance in your camelid.

BENEFITS FOR CAMELIDS

- Maximizes potential for growth of crias
- Aids at providing energy to nursing camelids
- Great for senior animals due to its moisture
- Reduces risk of “choke”
- Helps with fleece quality and softness

“Two months of **CHAFFHAYE** makes a noticeable difference — the alpaca’s gums look much better, and their teeth benefit from healthy gums — pink not white anymore! Their toenails become strong again, and they stop cracking. This helps them walk better and stand better. I know **CHAFFHAYE** is strengthening their bone density because they start standing straight again. Of course, this includes the hundreds of bones in their necks. **CHAFFHAYE** helps these former broken down animals hold their heads high again!”— *Cynthia Masters, Alpacas of Inspiration Acres, Hempstead, TX*

DEER & EXOTICS





High Pristine Protein



Probiotic Forage



Zero Waste



“Scratch Factor”



Highly Digestible



“We have been feeding **CHAFFHAYE** to our breeder deer and pasture deer for well over five years now. We have noticed so many great things since we started feeding **CHAFFHAYE!** Our deer are heavier, healthier, and their antlers are larger. The thing we’re the most excited about is their overall look and body condition. Our deer are just downright beautiful. We have whitetail, axis, and red deer, and all three species LOVE the **CHAFFHAYE.**”— *Crazy Bone Hunting, Uvalde, TX*

MAXIMUM GROWTH

There are a variety of interests in promoting healthy deer and elk populations. These interests include promoting wildlife preservation and welfare, increasing enjoyment of ownership, and maximizing quality stock for venison, antlers, and hunting. Regardless of the objective, the most significant barrier to healthy herd development is a lack of quality nutrition. In fact, most experts consider malnutrition as the most common disease among antlered herds.

Malnutrition is especially acute during late winter and early spring when many herds become overwhelmed by extreme habitat change, forage quality fluctuation, and high mortality. If optimal animal health and maximum antler production are your goals, then **CHAFFHAYE** is your answer. By starting with superior quality alfalfa and enhancing digestibility through a natural cultivation process, your deer herd will have a better feed. **CHAFFHAYE** represents a viable feed solution for antlered animals with its balance of digestible fiber, high-quality protein, energy, and essential vitamins and minerals.

CHICKENS



CHAFFHAYE ADVANTAGE

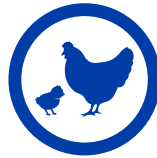
The **CHAFFHAYE** process utilizes cool lacto-cultivation to breakdown the phytic acid and protective enzymes, essentially “unlocking” the nutrition in the forage and making every last bit available to your flock.

The culturing process creates a forage ideal for chickens. Along with the increased digestibility, the cultivation produces several highly beneficial vitamins and enzymes not typically found in the average forage.

Additionally, the beneficial microorganisms in **CHAFFHAYE** help establish a healthy gut and create an environment unsuitable for pathogens like E.coli and Salmonella. This makes for a healthier chicken and, in turn, a healthier you.



Increased Egg Size and Shell Thickness



Increased Feed Uptake and Growth



Reduces Pathogens in the Digestive Tract



RABBITS



BIOAVAILABILITY



CHAFFHAYE has an excellent level of protein and fiber for rabbits. The culturing process that **CHAFFHAYE** undergoes makes it much more digestible and bioavailable to rabbits. Too many sugars and starches can unbalance a rabbit's digestive system. Our fermentation process reduces sugars and starches, making it a healthy choice.

BENEFITS FOR RABBITS

- Improves finish and coat condition (velvety feeling)
- Provides much-needed fiber in their diet
- Acts as a natural source of probiotics
- Improves muscle structure over the saddle and loin for meat rabbits
- Great for lactating does
- Lower digestible protein

“CHAFFHAYE is an absolute must for anyone raising show animals. My son's show rabbits have been on **CHAFFHAYE** for 10 months, and what a difference. Our breeding stock look and feel great and our meat pens, WOW! At this year's county show the judge made several comments on the coat finish of each rabbit in our meat pen. Wish we would have had our rabbits on this hay a long time ago” —
Mike Suarez, Wholly Cow Farm and Ranch, Kingsville, TX



SMALL FRIENDS



LITTLE WONDERS

CHAFFHAYE is an excellent forage for many small animals, including guinea pigs, hamsters, and many more. **CHAFFHAYE** is available in a convenient 20oz bag for your little forager.





300+

DEALER LOCATIONS



FIND THE ONE CLOSEST TO YOU

ALL OVER THE U.S.



PUERTO RICO



JAPAN



QUESTIONS OR CONCERNS

Call 915.964.2406 • chaffhaye.com



PIVOTAL
AMERICAN GROWN

FOLLOW US



#feedit

chaffhaye.com

