

DIVERSE APPLICATIONS



SWINE Sorghum use in swine diets reduces feed costs and requires less supplemental inorganic phosphorus than corn. Sorghum has a successful track record in swine diets bound for international marketplaces. It has also shown no adverse effect on meat quality.



POULTRY In poultry diets, sorghum can be used as the primary ingredient with few changes in other ingredients. Research trials showed digestibility of crude protein in sorghum was higher than corn. Processing sorghum can also improve availability of nutrients.



BEEF/DAIRY Sorghum has longstanding use in cattle production. Studies indicate similar production performance when sorghum is processed properly and comparable energy content to other feed ingredients. Forage sorghum is also a valuable and highly utilized feed ingredient.



RENEWABLES Sorghum maintains similar ethanol yields to other feedstocks and can qualify as an advanced biofuel feedstock. As a renewable feedstock, sorghum also provides high quality distillers grains for the livestock industry.



PET FOOD Nutritionally, sorghum compares well to corn with a higher protein content and slightly lower fat content. Fecal scores from diets containing sorghum are within ideal Waltham Fecal Scoring System range. Today there are more than 130 pet food products containing sorghum.



CONSUMER FOOD Whole grain sorghum is an excellent source of fiber, phosphorus and vitamin B6. It is also a good source of protein magnesium, iron, potassium and selenium. Sorghum can be used in various forms such as whole and pearled grain, flour, syrup, popped, bran, flaked and more.



ALCOHOL & SPIRITS In alcohol production, sorghum provides ease of distillation and fermentation while providing unique tastes. Sorghum diversifies into a number of alcohols including whiskey, vodka, beer and more.



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AQUACULTURE In previous studies, sorghum was found to have comparable starch content to corn and cassava. Studies showed no difference between sources of starch on growth performance, pellet color or physical properties of feed pellets. U.S. sorghum contains low to no tannins and higher protein and amino acids than other feed ingredients.



DUCK (MEAT/LAYER) Feeding trials showed meat ducks fed with a ration where sorghum was the main energy source had highest weight gain efficiency and lowest feed cost. In layer duck rations, sorghum shaved egg weight and productivity were maintained.



INDUSTRIAL Sorghum can be used in the creation of packing peanuts, loose fill insulation, cat litter and other products. Around the world, sorghum is already used for building materials like fencing, a plywood-like product and as a binder in wallboard.



FOOD AID Sorghum is the fifth most important cereal grain in the world and is a valuable source for food aid due to the fact it contains proteins, carbohydrates, vitamins and minerals, and performs well as a blended food ingredient. In fact, sorghum is the second most utilized grain in foreign countries suffering from food insecurities. Two sorghum food-aid blends have proven successful on a trial basis in Tanzania, Africa.