



Specialising in moist  
and liquid feeds



## *Unlock your farm potential*

Reduce sorting, increase intake, and manage costs  
with highly palatable nutritious animal feeds

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Consistent and reliable supply of  
locally produced New York feeds

Trusted partner to farmers since 1859



*Manage costs, animal nutrition and herd performance using Moist and Liquid Feeds from Specialist Nutrition*

## Challenges

Are you looking to:

- > Reduce sorting
- > Increase intakes
- > Manage feed costs
- > Secure consistency in quality and supply of animal feeds
- > Increase herd performance
- > Get a highly palatable feed
- > Have easier handling and feeding
- > Secure locally produced animal feed

## Manage costs, animal nutrition and herd performance while adding moisture to your feeds with **Fultongold** and **Fultonsyrup**

### Features

- > Contains good quality protein and energy
- > Improves rumen fermentation
- > Excellent feed for ruminants
- > Enhances dry matter intakes
- > Ideally suited for milk production helping maintain rumen function
- > Easily stored and incorporated into many feeding systems
- > Quality assured product

**FULTONGOLD** and **FULTONSYRUP** are nutritious co-products from the ethanol industry. Produced in Fulton, NY, these products are quality assured and delivered fresh daily to ensure you are getting the maximum nutritional value.

**FULTONGOLD** is ideally suited to add moisture to animal feed; it is a nutrient-rich moist feed co-product, produced from pressed residual corn grains.



**FULTONSYRUP** is ideally suited to add moisture and sugar content to animal feed; it is a nutrient-rich liquid, produced after the ethanol is extracted, and the residual material evaporated to increase dry matter concentration.



### TYPICAL ANALYSIS

(Dry matter basis except for DM)

### NUTRITIONAL VALUES

#### **FULTONGOLD**

Dry Matter 32%  
Crude Protein 35%  
NDF 38%  
Starch 2%  
Crude Fat 12%  
pH 4.11  
ME MCAL per Ib 1.01

#### **FULTONSYRUP**

Dry Matter 33%  
Crude Protein 20%  
NDF 5%  
Starch 2.5%  
Crude Fat 3.3%  
pH 4.13  
ME MCAL per Ib 0.82



**FULTONGOLD** and **FULTONSYRUP** are rich in protein, minerals and fiber and can be fed to livestock in a wide range of feeding situations, as part of a total mixed ration (TMR), or to replace part of the concentrate fraction of a simple feed regime. Both products can also be used as part of the forage replacement strategy.



### **FEEDING RATES for FULTONGOLD and FULTONSYRUP**

#### **Dairy Cows**

Up to 5Lbs DM per head per day

#### **Beef Cattle**

Up to 5 Lbs of DM per head per day for adult cattle. Can be fed higher in simple diets with just corn and silage

#### **Swine**

Up to 11lb of dry matter per head per day, per adult pig per day (FULTONSYRUP only)

#### **Sheep**

Unless specifically recommended, it should not be used in sheep diets

Our experienced technical team use their knowledge in animal nutrition along with the latest nutritional research to work as partners to our farmers to Unlock Farm Potential.

Moist feeds are quality co-products that originate from the food, beverage and ethanol industries. These include wet distillers' grains (WDG) and condensed distillers' syrup (CDS). As moist feeds, these products have had excess water removed but have not been through a drying process. This maximizes the products' nutritional value and delivers the best value to the farmer.

Moist and liquid feeds are available in a consistent and reliable supply to New York dairy farmers and can change the way their cows are fed.

We deliver our moist feeds, **FULTONGOLD** and **FULTONSYRUP**, direct from the production site in Fulton, New York making them accessible to a large number of farms.

## Storage and Handling Guide for **FULTONSYRUP** liquid feed



FULTONSYRUP is delivered in bulk loads up to 35 tons, approximately 8500 gallons. Tanks should be built to hold and dispatch bulk liquids, with at least 40 tons capacity to take in the load while there is still some product in the tank.

Loads are pumped from the delivery truck, either by using the top door or by pumping in through the outlet pipe. If your tank is underground, the top door is adequate. However, if your tank is free standing in your yard, then the outlet pipe must be used for delivery. If your tank is underground, it is important that the pump can handle sufficient quantities of the product. The fittings on the outlet of your tank must match those on the delivery vehicles. Please talk to us in advance if you need any further details.

Storage tanks should be well maintained and cleaned out regularly, typically monthly, to prevent any build-up of sediment.

The tank should be angled towards the outlet to stop sediment build up and for ease of cleaning. Some tanks come with self-cleaning systems, but most tanks need to be washed with an approved disinfectant and a power hose.

Make sure you follow appropriate safety procedures for cleaning and have suitable safety equipment to hand.

If you are putting up your tank outside, then it must be insulated, have an agitator, and be sufficiently raised so that the diet feeder can get under the outlet. FULTONSYRUP is delivered hot so be careful around the tank directly after it's delivered.

# Handling and Storage Guide for Fultongold Moist Feed

Whether feeding fresh or ensiling, it is important to follow these simple steps to minimise any wastage and maintain the products nutritional value.



## Storing moist feeds

Correct storage and good preservation can be achieved by following the guidelines below:

### 1 Select the right storage site

Moist feeds are delivered in bulk and tipped in loads of approximately 35 tons. The selected storage site should be clean with a firm level surface, preferably concrete as it makes handling and feeding out easier.

### 2 Best storage practice

Moist feeds should ideally be stored in a three-walled bunk as this structure is easier to manage. A long narrow three walled bunk is best, as it allows the farmer to work across the feeding face quicker and therefore reduce the time the product is exposed to air.

### 3 Allow to cool and cover within 24 hours

Moist feeds are delivered straight from the point of production and can be hot on arrival. It is best to let the load cool down for 6-12 hours before ensiling and covering within 24hrs.

Do not leave it stand longer than 24hrs as the air gets in quickly, and the soilage process starts. For multiple loads; get them into the bunk as soon as possible and if necessary, cover your bunk temporarily for the night and open the following day again.

### 4 Ensure an airtight seal

To preserve the feed, correct compaction, covering and sealing is important. To exclude all air, use the loader bucket to compact and smooth the surface of the feed in the bunk.

### 5 Bunks must be covered correctly

The exclusion of air is essential when covering a bunk silo. Make sure the top of the bunk silo is smooth and even. Cover with a clean high-grade plastic sheet and weight down the sides and top appropriately. Lastly, make sure the cover does not get damaged.



### **It is NOT recommended to drive onto fresh, moist feed.**

Once compaction is complete, seal the bunk with clean, high quality polytene sheets. This should then be covered with mats, truck tires or sandbags to ensure close contact between the top layer of the feed and the bunk cover. This will provide an even airtight seal throughout the entire bunk. Lighter car tires or pallets should be avoided as they may not provide a sufficient seal.



### **Mixing moist feeds**

To give the bunk added structure and allow the bunk to be piled higher while complimenting the feed's nutritional content, moist feeds can be ensiled with other products such as beet pulp, soy hulls, hay and straw.

If mixing moist feeds with other products for storage, it is important to ensure the pitting mix does not exceed 65% dry matter content as it cannot be adequately compacted.



### **Feeding out moist feeds**

Once properly bunked, moist feeds can be fed immediately and included within the cattle or dairy cow diet. When feeding from the bunk, it is important to keep the face as clean as possible.



Ideally, the exposed bunk face should allow the farmer to work back 18" per day in the bunk. If using a loading bucket, it is important not to push in at the bottom and lift; as this disturbs the face greatly. Instead, the bucket should be used to cut down from the top, with the material then scooped away. Any loose material should then be pushed together to ensure that it is used next.



In all activities, Specialist Nutrition adheres to the highest standard of health and safety procedures and environmental compliance. We recommend all our customers to review farm practices to ensure they operate in a safe and compliant manner.

Always store FULTONGOLD in a clean and dry environment. Whether fed fresh or ensiled, the feed should be bunked, the air excluded, consolidated and covered with a secure, clean airtight sheet. Contact our team for any additional handling & storage advice.

Specialist Nutrition has an experienced nutritional team who are available to advise you on your diet specification, and the storage of distillers grains (DWGS) feeds.

**If you would like to talk to a member of our team, please contact us.**

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**Disclaimer:**

Errors and Omissions Excepted. All sales are subject to terms and conditions - copy available on request. Please consult our qualified agricultural advisors. Suggested feeding rates are produced as a guide only and many other factors may have an overriding effect on animal response; no performance guarantee can be given. Rations should be carefully balanced for energy and protein, contain sufficient forage to maintain rumen function and be fortified with an appropriate vitamin and mineral supplement. Animals must have constant access to clean water.