



## High Rumen Bypass Soybean Meal



*A high quality, consistent ingredient for balancing protein and amino acids in dairy diets.*

*beyond bypass.*

- *Improve efficiency of protein utilization*
- *Optimize dietary RUP:RDP ratios*
- *Reduce dietary protein levels*
- *Reduce nitrogen in wastes*



**FEATURES & BENEFITS**

## Intestinal Digestibility

In the manufacturing of plant-based bypass proteins, the increases in the rumen bypass characteristics can sometimes result in decreased intestinal digestibility of the bypass portion. The SoyPlus manufacturing process is designed to optimize the relationship between ruminal bypass and intestinal digestibility.

Years of university research and third-party laboratory testing verify that both the ruminal bypass and intestinal digestibility of the proteins in SoyPlus have been maximized.

## Higher Energy and Essential Fatty Acids

SoyPlus is higher in energy than solvent extracted products. SoyPlus contains essential fatty acids which can replace some of the supplemental fat sources that may be added separately to the ration. With a fat percentage of roughly 6%, SoyPlus provides higher energy content than solvent-extracted products providing average fat of 1-2%.

## Supports Rumen Microbial Growth

Even the small portion of protein that is ruminally degradable still makes valuable contributions to the metabolizable protein supply to the animal.

The rumen degradable protein in SoyPlus exists as both quickly-metabolized soluble protein and more slowly degraded proteins to provide a steady supply of nitrogen necessary for sustained ruminal microbial protein synthesis. SoyPlus contains a good mix of sugars, starches, and highly digestible soluble fiber. Together, the degradable protein and energy sources drive rumen microbial growth and enhance rumen microbial digestion of the entire ration.

## Palatability

SoyPlus has a pleasant roasted aroma. The higher fat content contributes flavor and dust control resulting in high dry matter intake and more milk production.

Cows love it!

## All Natural

Unlike solvent extracted soybean meal, some of which is made with hexane, SoyPlus is made without added chemicals. It is entirely plant derived.

Our soybeans are cracked, heated, and squeezed. This removes much of the oil while increasing the RUP content and preserving the integrity of the raw ingredient.

## Research Proven

Your decision on which protein products will best supply the metabolizable protein and essential amino acids your cows need while supplying energy and supporting microbial protein production should be based on a review of controlled research data. SoyPlus has been extensively researched at major universities throughout the USA. Using SoyPlus to balance degradable and undegradable protein ratios and supply limiting amino acids allows for lower total protein diets to reduce feed costs while maintaining or improving milk production and components.

## Consistency

Consistency in feed ingredients matters, and the rigorous testing applied to SoyPlus ensures that what we claim our product to be is what you actually get. SoyPlus is routinely subjected to not just one, but two protein analytical procedures. The RUP content is verified via ongoing in situ testing as well as being subjected to additional evaluation using the "Ross" in vitro method. SoyPlus is ISO and HACCP certified.



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