

Natural Extrusion/ Expeller Pressed Meal vs Solvent Chemically Extracted Soy Meal

Current Vision of Understanding

- 1 All Soy is Similar
- 2 Crude Nutrition determines value

This understanding is partly correct but limited in truth

These things also matter

- 1 Usefulness of those crude components (Digestibility--is it needed-- health-- biological need, etc.)
- 2 Other supporting nutrition (some nutrients work better in natural balance)
- 3 Toxins, molds, etc.
- 4 Anti-nutritional factors (to numerous to cover all--Trypsin, protease inhibitors, lectins, etc)

Understanding Benefits and Purpose of Using JSP Soy

- 1 Extrusion is best when process is correct (JSP process is proven & tested best)
- 2 Improves Palability and Intakes (Improved gains, health, ect)
- 3 Eliminates Free radical damage (Lecithin Reduces deaths and treatments)
- 4 Reduced anti-nutritional inhibitors (Health and performance improved)
- 5 Extra Nutritional elements (Health & Reproduction improved)
- 6 More Digestibility (Lowered cost / Improved profits)
- 7 More Nutrition per truckload (Less greight and handling)
- 8 Oil Included (Reduced airborne diseases & clean air in feed mills and barns)

Two different Formulation methods can be considered:

1 Formulate for Least Cost

Least cost ration formulation is the most used method of ration formulation, and usually only protein and energy is evaluated in this model, when Jasper Soy products are used, it is possible to do so. Sometimes, performance of livestock is higher or lower than expected using this model. (90 lbs. of CandiSoy and 11 lbs. of corn replaces 100 lbs. of Hi-Pro Soy and 11 lbs. of fat) In least cost formulations. (32.31 tons of freight costs are replaced with only 26 ton of freight cost)

2 Formulate for Most Benefits

Using this method takes advantage of added nutrition resulting in improved health, improved gains, improved efficiencies, lower deaths, improved meat, milk, or egg quality, etc.; Usually all the added nutritional benefits are taken advantage of, and the ration is intensified by added density. This results in higher cost ration formulation, however, the net result is higher performance resulting in higher net profits than least cost formulations.

Note: The JSP goal is to achieve improved and more successful results, that you understand equally. Improvements usually add costs to diets, your JSP representative tries hard to get these results without unnecessary cost addition if possible.

Thank you for trusting in our help.