

# EXPRESS® SOYBEAN MEAL

Backed by over 45 years of university & independent research, Insta-Pro International® provides innovative processing solutions for various applications focusing on oilseeds, specifically soybeans. Coupling High Shear Dry Extrusion with continuous mechanical oil pressing, ExPress® effectively separates natural oil from soybeans. This results in high quality ExPress® soybean meal with improved digestibility and energy for use in livestock feed, poultry, pet food & fish feed.

## BENEFITS

- Ability to replace other ingredients
- Ideal for Organic, Non-GMO and Identity Preserved
- Chemical-free, environmentally friendly
- Higher metabolizable energy value
- Improved digestibility and by-pass value
- Achieve case weight 6 weeks sooner
- Produce 1 liter more of milk/head/day
- 4%+ improvement in feed:gain for turkeys



## SUCCESS STORIES

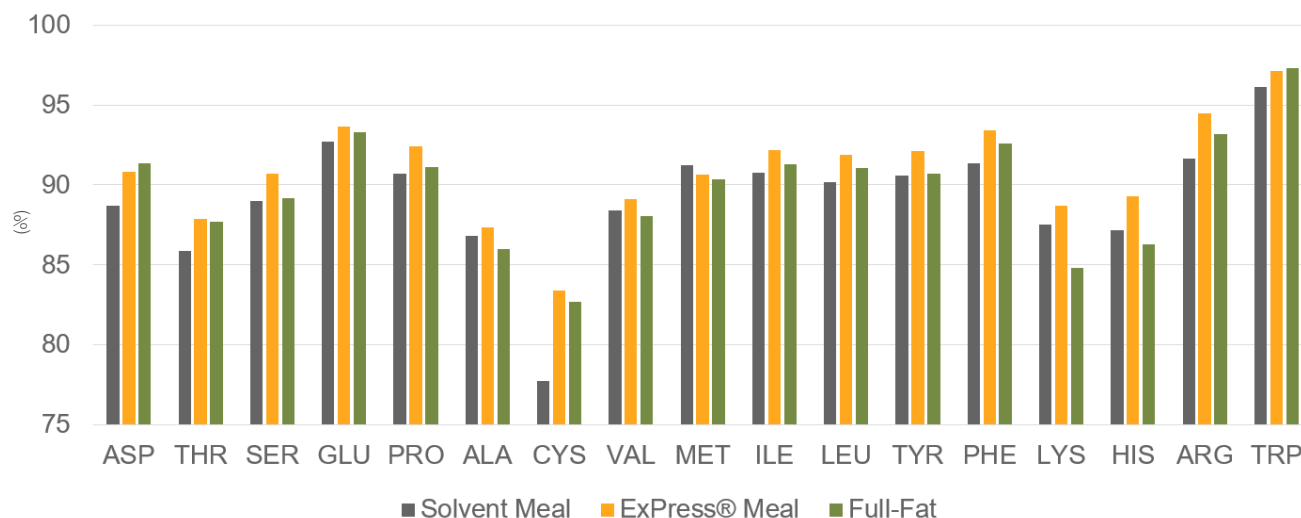
CASE STUDY	RESULTS
ExPress® System Owner & ExPress® Soybean Meal User 1700 Head Dairy	<ul style="list-style-type: none"> <li>• Reduced feed costs by \$.20/head/day while improving milk production by 3 lbs/head/day</li> <li>• Diet was simplified by removing solvent soybean meal, distillers grain, roasted beans &amp; by-pass meal</li> <li>• Improved herd health</li> <li>• Resulted in \$337k improvement/year on own herd</li> <li>• Generated substantial revenue from sale of ExPress® soybean meal &amp; oil to other users</li> </ul>
ExPress® System Owner & ExPress® Soybean Meal User Laying Hens - 450,000 Birds Flock Size of 80,000 each	<ul style="list-style-type: none"> <li>• 45 lb. case weight achieved by 6th - 7th week of production, while soybean meal fed flock required 10-13 weeks</li> <li>• 47 lb. case weight achieved during 9th week of production, while the soybean meal fed required &gt; 15 weeks</li> <li>• Achieved a consistent feed consumption level earlier vs. other flocks &amp; maintained a lower consumption level through the 25th week of production</li> <li>• Reached consistent feed/dozen level earlier vs. other flocks</li> <li>• 9-16% more egg revenue, over the first 25 weeks of production</li> </ul>
ExPress® Soybean Meal User Commercial Turkey Operation Solvent-Extracted Soybean Meal vs. ExPress® Meal	<ul style="list-style-type: none"> <li>• Feed to gain ratio over 6 weeks of feeding turkey flock ExPress® soybean meal was 1.60</li> <li>• Feed to gain ratio over 6 weeks of feeding turkey flock solvent-extracted soybean meal was 1.67</li> <li>• Feeding ExPress® soybean meal has a 4.2% advantage over feeding solvent-extracted soy meal</li> </ul>



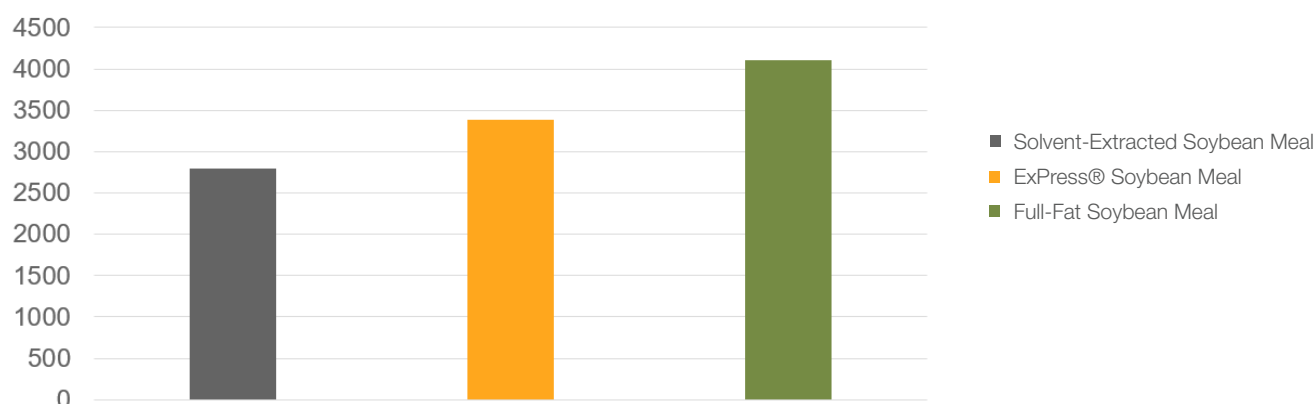
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## TRUE AMINO ACID DIGESTIBILITY IN BROILERS



## TRUE METABOLIZABLE ENERGY (KCAL/KG DM)



## QUALITY CONTROL OF EXTRUDED SOY MEAL FROM INSTA-PRO EXPRESS® PROCESS

