



DEHULLED SOYBEAN MEAL

Hi-E™ HIPRO 50 & Hi-E™ HIPRO 47



INNOVATORS IN ANIMAL NUTRITION



Hi-E™ HIPRO 50

PRODUCT CODE: 1770



Hi-E™ HIPRO 47

PRODUCT CODE: 3765



Product Introduction

Soon Soon Hi-E™ Dehulled Soybean based protein meals are produced using a high efficiency processing method which increases energy and amino acids availability by 5-10% compared to soybean meals from other origins. These dehulled products with fiber content less than 3.5% are available with two protein levels. The Hi-E™ HiPro 50 with protein levels close to 50% is more suitable for aqua feeds, pet foods and poultry starter feeds. The Hi-E™ HiPro 47 can be used for all ruminants and non-ruminants animal feeding. The superior performances of these soybean meals has been independently verified in numerous animal feeding trials (see references). It is also well accepted in commercial farms where it has been shown to improve growth performances, reduce mortality and can reduce feeding cost due to its higher available energy and digestible amino acid levels.

Independently proven Benefits (see references):

- ✓ Higher AME
- ✓ Higher Protein Efficiency Ratio
- ✓ Improvement in body weight gain & FCR
- ✓ Improve carcass yield in broilers
- ✓ Increase egg production & egg mass in layers & breeders
- ✓ Reduce mortality especially under disease challenge or heat stress conditions (farm proven)

Specification	Hi-E™ HiPro 50	Hi-E™ HiPro 47
Moisture, % max	12.5	12.5
Protein, % basis	49.0	46.5
Fibre, % basis	3.5	3.5
Urease Activity, Δ pH	< 0.2	< 0.2



SOON SOON™



Please Feel Free to Contact Us:

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NUTRIENT SPECIFICATIONS

Product Name	Hi-E™ HiPro 50	Hi-E™ HiPro 47
Product Code	1770	3765
Crude Protein, %	49.5	46.5
ME Poultry, Kcal/kg	2650	2600
DE Swine, Kcal/kg	3600	2680
ME Swine, Kcal/kg	3300	3350
NE Swine, Kcal/kg	2100	2576
Lysine, %	3.190	3.145
Methionine, %	0.700	0.736
M+C, %	1.420	1.361
Tryptophan, %	0.720	0.603
Threonine, %	1.990	1.919
Arginine, %	4.040	3.462
Isoleucine, %	2.330	2.113
Valine, %	2.640	2.200
Crude Fat, %	1.5	1.5
Crude Fiber, %	3.2	3.5
Calcium, %	0.3	0.30
Available Phosphorus, %	0.24	0.24
Total Phosphorus, %	0.66	0.66
Sodium, %	0.02	0.02
Choline, mg/kg	2860	2860
Chloride, %	0.02	0.02
Digestible Lysine, Poultry %	2.906	2.871
Digestible Methionine, Poultry %	0.650	0.681
Digestible M+C, Poultry %	1.298	1.252
Digestible Tryptophan, Poultry %	0.675	0.546
Digestible Threonine, Poultry %	1.732	1.725
Digestible Arginine, Poultry %	3.585	3.176
Digestible Isoleucine, Poultry %	2.141	1.915
Digestible Valine, Poultry %	2.233	1.998
Digestible Lysine Pigs, %	2.930	2.885
Digestible Methionine Pigs, %	0.659	0.69
Digestible M+C Pigs, %	1.326	1.275
Digestible Tryptophan Pigs, %	0.647	0.539
Digestible Threonine Pigs, %	1.749	1.687
Digestible Isoleucine Pigs, %	2.156	1.166
Digestible Valine Pigs, %	2.293	2.135
Dry Matter, %	88.0	88.0

RECOMMENDED USAGE

Species	Soybean meal (1770 / 3765)
Broiler/ Layer/ Duck	15 - 30%
Swine	15 - 25%
Aquaculture	15 - 30%
Ruminants	5 - 20%

References:

1. Neoh, S.B. and Raghavan V., 2002. A new high efficiency soybean meal significantly improves poultry performance. 7th WPSA APFCB In Conjunction with 12th Australian Poultry and Feed Convention. Conference Proceedings p.239.
2. Neoh, S.B. and Ng, L.E., 2004. The relationship between feed efficiency and viscera weight in broiler. Proceedings of APSS. Vol.16 p.75.
3. Neoh, S.B., 2008. Soon Soon high efficiency soybean meal. Soybean Meal Quality Conference.
4. Creswell, D. and Swick, R.A., 2008. Soybean meals are not all the same! Soybean Meal Quality Conference.
5. Neoh, S.B., Ng, L.E. and Creswell, D., 2011. Protein level is not a determinant of quality for soybean meal. Poultry Feed Quality Conference.