



The National Animal Nutrition Program  
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# Development of Consolidated Feed Composition Tables for Poultry Species

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## Objective

To create an up-to-date and robust nutrient composition database of feedstuffs pertinent to the poultry industry

## Features

- 1) Nutrient composition profiles (>250 analytes) available for 400+ feedstuffs
- 2) Mobile-friendly database permitting customized reports and nutrient conversions
- 3) Ability to filter data and customize reports based on year and data source

## Background

The NANP was established in 2010 as a National Research Support Program (NRSP-9) to provide an integrated approach to collecting, assembling, synthesizing, and disseminating scientific information and educational tools, and developing technologies designed to facilitate high-priority research across agricultural species.

## Benefits

The 11<sup>th</sup> edition of the National Academies of Sciences, Engineering, and Medicine (NASEM) consensus report (aka, the 'Poultry NRC') is slated to be published in 2020. Data derived from the NANP literature review covering ~30,000 peer-reviewed articles (1995-2018) will serve as the basis of consolidated feed composition tables for poultry species, thereby representing a digital/web-based repository of up-to-date nutrient composition data (> 2 million records) for use by poultry nutritionists.

## Focus

The National Animal Nutrition Program (NANP) addresses challenges facing researchers in animal agriculture and filling voids in the research and academic communities.

Scientific and technical support is provided to the animal nutrition community in two areas: 1) development of digital systems for management of feed and ingredient information and 2) modeling support for establishment of nutrient requirements for poultry, swine, and beef and dairy cattle.

The NANP Feed Composition committee collects and organizes feed composition data, evaluates and organizes assays and diet analysis methods, and enables discussions on feeds and feed analysis techniques.



**Soybean meal, solvent extracted** (By-products and others)

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Ingredient: Soybean meal, solvent extracted

AAFCO : 64-61, Soybean meal, solvent extracted  
IFN : 5-04-604, Soybean meal, solvent extracted  
EU : 2-18-3, Soya (bean) meal

Alternate Names:  
Soybean Meal, Low CP, Triticum sp.  
Scientific Name: Triticum sp.

Display Basis:  Dry Matter     As Fed

DM Content (%): 100

Year Start: Year Start    Year End: Year End

Data Type:  Peer Reviewed     Swine  
 Commercial     Poultry  
 Academic     Beef  
 Dairy

Nutritive Values

Definition: By-product resulting from removal of fat of soybean seeds by solvent extraction which has been dried and ground. Average crude protein content > 46% DM

Main Constituents    Carbohydrates    Proteins    Lipids    Minerals    Vitamins

### Main Constituents

Nutrient	N	Mean	SD	CV
Dry Matter (DM%)	259	90.04	1.95	2.16
Crude Protein (CP%)	241	52.28	3.01	5.75
Crude Fiber (CF%)	89	4.68	1.84	37.81
Ether Extract (EE%)	182	2.20	2.00	90.66
Acid Ether Extract (AEE%)	4	3.68	0.71	19.29
Ash (%)	133	6.89	0.82	11.91
Gross Energy (GE kcal/kg)	74	4,681.70	185.98	3.97

Access all NANP resources at [animalnutrition.org](http://animalnutrition.org)