

India DDGS Feed - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The India DDGS Feed Market size is estimated at USD 0.57 million in 2025, and is expected to reach USD 0.96 million by 2030, at a CAGR of 11.1% during the forecast period (2025-2030).

India's Distillers Dried Grains with Soluble (DDGS) production has increased significantly in recent years, primarily due to the expansion of ethanol production from cereals, including rice and maize. The proliferation of grain distilleries across the country has led to increased DDGS production, contributing to market growth. The expanding industrial livestock sector and rising demand for animal products such as meat, eggs, and milk are anticipated to drive market growth as the need for animal feed increases. DDGS's high nutrient concentration and relatively low price make it a cost-effective feed ingredient.

India's substantial livestock industry creates a significant market for DDGS. According to FAOSTATS data for 2022, India is home to over 193.6 million heads of cattle, 111.8 million heads of buffaloes, approximately 150 million heads of goats, and more than 885.7 million heads of poultry. This vast animal population highlights the considerable demand for feed options like DDGS. Rice DDGS has gained popularity due to its high nutrient content, availability, and affordability. The consistent increase in DDGS production is supported by substantial cereal outputs, with India producing approximately 206.8 million metric tons of rice and 34.3 million metric tons of maize in 2022, as reported by USDA.

Madhya Pradesh represents the largest market for DDGS feed in India, attributed to its high livestock and poultry population and farmer adoption. Nepal serves as the primary trade partner for DDGS imports to India. With several favorable factors driving demand across various states, the DDGS market is anticipated to experience steady growth during the forecast period.

Dicing Equipment Market Trends

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Rising Consumption of Rice-based DDGS Feed

The consumption of rice-based Distillers Dried Grains with Soluble (DDGS) is rapidly increasing as it serves as an excellent alternative protein source in animal feed. Rice DDGS is a byproduct of the ethanol production process, where rice is used as a raw material. It is an effective substitute for traditional protein sources like soybean meal, groundnut cake, and mustard meal, offering a cost-effective and nutritious option for poultry, cattle, and aquaculture diets. This makes rice DDGS a versatile ingredient, supporting the protein needs of various livestock sectors.

In cattle feed, rice DDGS accounts for at least 20% of the total feed composition. This inclusion not only maintains milk production levels comparable to traditional feed mixes but may even enhance them. In poultry feed, the addition of 5-8% rice DDGS contributes to excellent meat and egg quality. Furthermore, a conservative inclusion rate of 3% in aquaculture feed significantly reduces the cost of production without compromising feed quality, making it an attractive option for fish farming. The USDA reports that India produced 206.8 million metric tons of rice in 2023, up from 203.6 million metric tons in 2022, ensuring an ample supply of raw material for DDGS production.

Rice DDGS is gaining wide acceptance in the Indian feed industry due to its nutritional benefits. It is an excellent energy source, rich in essential amino acids, and contains high levels of protein while maintaining a low fiber content of around 2-3%. The cost-effectiveness of rice DDGS makes it an appealing choice for farmers, as it reduces feed costs and increases profitability, particularly in poultry farming. Its versatility and nutritional profile have positioned it as a key ingredient in modern livestock feed formulations.

Increasing Demand for DDGS in Poultry Feed

India ranks among the world's major poultry meat producers. The country has experienced a surge in poultry demand, driven by increasing average incomes and urban population growth. According to the Agricultural & Processed Food Products Export Development Authority (APEDA), India's poultry meat consumption reached 4.41 million metric tons in 2023, an increase of 0.16 million metric tons from the previous year. Additionally, the Food and Agriculture Organization (FAO) reports that India produced 138.38 billion eggs during 2022-2023. This rising poultry consumption, combined with high grain and meal prices, is promoting the inclusion of Distillers Dried Grains with Soluble (DDGS) in poultry diets.

The incorporation of DDGS in Indian poultry feed is a relatively recent development. Its inclusion offers multiple benefits, including improved animal health, enhanced performance, and better food product quality. In poultry production, feed constitutes 65-70% of total production costs. Given the significant gap between poultry feed demand and availability in India, industry stakeholders are exploring new, cost-effective feed ingredients. DDGS, a co-product of ethanol production from fermented grains, contains concentrated nutrients such as protein, fat, fiber, vitamins, and minerals, making it a viable and economical alternative for supplementing both protein and energy in feed.

DDGS has been identified as a valuable source of energy, protein, water-soluble vitamins, and minerals for poultry. Studies have shown that incorporating DDGS in diets can improve growth rates, feed conversion, fertility, and hatchability in poultry. Companies like Prodigy Foods, a manufacturer and supplier of poultry animal feed, are focusing on producing high-nutrition and high-quality Rice DDGS or Corn DDGS for the livestock industry, reflecting the growing importance of this feed ingredient in the sector.

Dicing Equipment Market Industry Overview

Indian DDGS Feed market is consolidated, with numerous international and national DDGS suppliers operating in the market

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during the study period. The major players in the market include Archer Daniels Midland, Cargill Incorporated, IFB Agro Industries Limited, SSL Group (Nutrigo Feeds), and Prodigy Foods based on the revenue in 2023. Rising innovations and expansions are the major strategies adopted by the leading companies in the market.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

1 INTRODUCTION

- 1.1 Study Assumptions and Market Definition
- 1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET DYNAMICS

- 4.1 Market Overview
- 4.2 Market Drivers
 - 4.2.1 Rising Demand for Sustainable Solutions
 - 4.2.2 Increasing Livestock and Ethanol Production
 - 4.2.3 Need for Cost Effective Nutrients
- 4.3 Market Restraints
 - 4.3.1 Taxability of DDGS
 - 4.3.2 Effect of Excess Consumption
- 4.4 Porter's Five Force Analysis
 - 4.4.1 Bargaining Power of Suppliers
 - 4.4.2 Bargaining Power of Buyers/Consumers
 - 4.4.3 Threat of New Entrants
 - 4.4.4 Threat of Substitute Products
 - 4.4.5 Intensity of Competitive Rivalry

5 MARKET SEGMENTATION

- 5.1 Type
 - 5.1.1 Corn
 - 5.1.2 Wheat
 - 5.1.3 Rice
 - 5.1.4 Blended Grains
 - 5.1.5 Other Types
- 5.2 Animal Type
 - 5.2.1 Ruminants
 - 5.2.2 Poultry
 - 5.2.3 Swine
 - 5.2.4 Other Animal Types

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6 COMPETITIVE LANDSCAPE

6.1 Most Adopted Strategies

6.2 Market Share Analysis

6.3 Company Profiles

6.3.1 Archer Daniels Midland Company

6.3.2 Cargill Incorporated

6.3.3 IFB Agro Industries Limited

6.3.4 SSL Group (Nutrigo Feeds)

6.3.5 Prodigy Foods

6.3.6 Nugen Feeds

6.3.7 GSK Feeds

6.3.8 Prorich Agro Foods

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

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