Amanda Stumbo

Global Demand & Market Trends

Alltech®

Agri-Food Outlook | 2025

Alltech's Agri-Food Outlook

- Assesses annual global feed production by region and by species
- Offers a holistic look at the state of the industry and an analysis of future trends and dynamics

Global feed production **INCREASED slightly in 2024**

The world produced
1.396 billion metric tons
(mt) of feed in 2024

*An **increase** of 1.2% from 2023*

Strong Growth in Feed Demand Despite Significant Challenges

Production costs | Geopolitical tensions | Changing consumer behaviors | ESG policies | Adverse weather conditions | Disease

Feed tonnage by region

Region	2024 feed tonnage (million mt)	2023 feed tonnage (million mt) — updated*	Growth (million mt)	Growth (%)
Africa	57.787	53.895	3.893	7.2%
Asia-Pacific	533.137	537.251	(4.114)	-0.8%
Europe	276.761	260.779	6.982	2.7%
Latin America	198.376	191.490	6.886	3.6%
Middle East	37.682	36.657	1.025	2.8%
North America	290.724	288.957	1.767	0.6%
Oceania	10.972	10.706	0.266	2.5%
Grand Total	**1,396.438**	**1,379.734**	**16.705**	**1.2%**

**Figures used in Alltech's Agri-Food Outlook are updated throughout the year as official feed tonnage information becomes available. Our 2023 data has been adjusted to reflect final figures.*

Feed production **increased** in:

Latin America
by 3.6%

North America
by 1.0%

Europe
by 2.2%

Middle East
by 2.8%

Africa
by **7.2%**

Oceania
by 2.5%

Feed production **decreased** in:

Asia by 0.8%

Top 10 countries for feed production

Top countries	2024 feed tonnage (million mt)	2023 feed tonnage (million mt) — updated	Growth (million mt)	Growth %	Rank, 2024	Rank, 2023
China	315.030	321.548	-6.518	-2.03%	1	1
U.S.	269.620	267.787	1.834	0.68%	2	2
Brazil	86.636	84.581	2.055	2.43%	3	3
India	55.243	52.834	2.409	4.56%	4	4
Mexico	41.401	40.837	0.564	1.38%	5	5
Russia	38.481	35.456	3.025	8.53%	6	6
Spain	35.972	35.455	0.517	1.46%	7	7
Vietnam	25.850	24.997	0.853	3.41%	8	8
Türkiye	24.502	23.374	1.128	4.83%	9	10
Japan	24.297	24.264	0.033	0.14%	10	9

Half of the world's global feed production is concentrated in four countries:

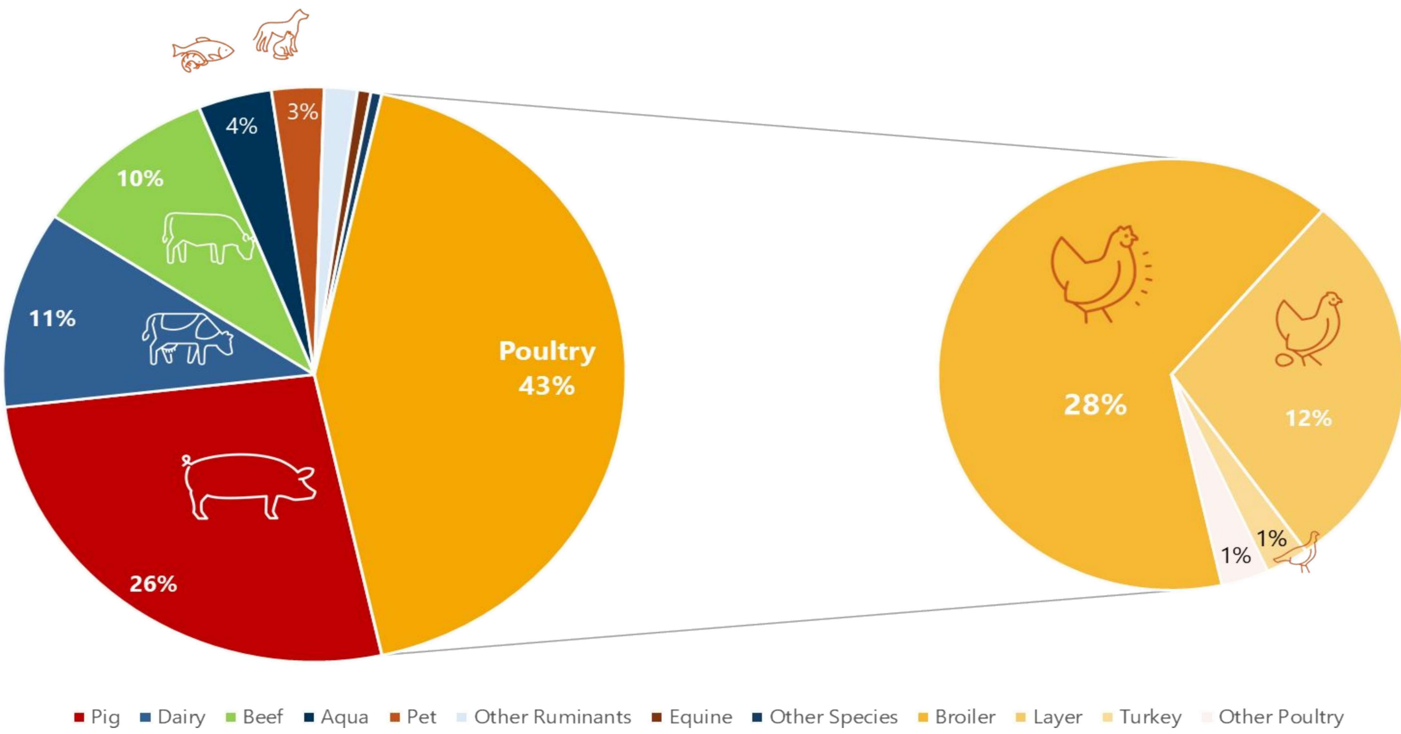
China | U.S. | Brazil | India

The feed industry has seen

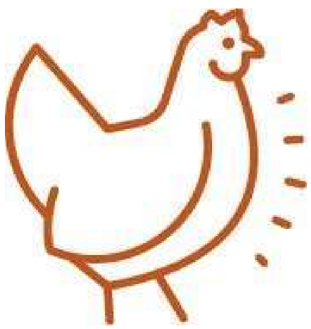
3.8% average annual growth over the past 10 years

and 3.9% average annual growth over the past 5 years

Feed production by sector

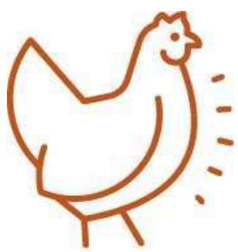


***Grand total includes listed species, as well as calves, other ruminants, turkeys, other poultry and other species.*

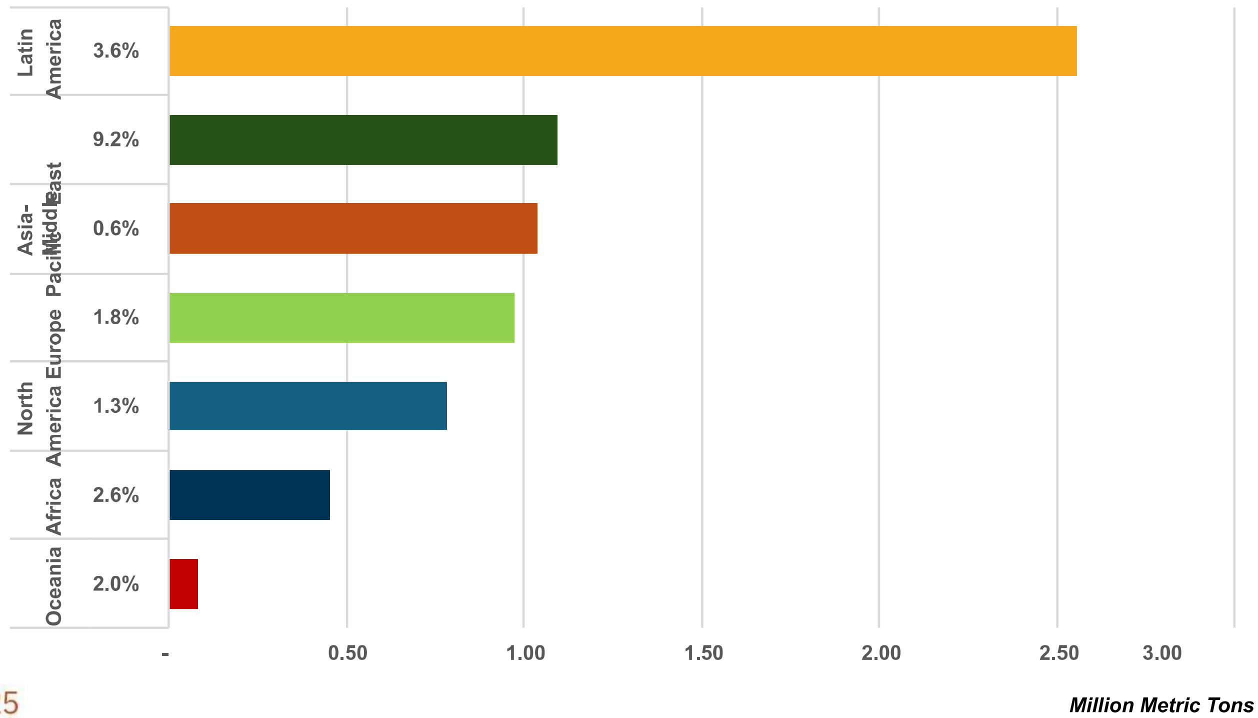


The **broiler** sector had the highest feed production tonnage, with more than 385 million mt.

Broiler production continued to increase



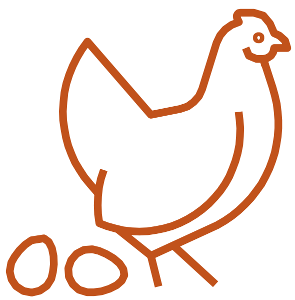
Up **1.8%** globally in 2024



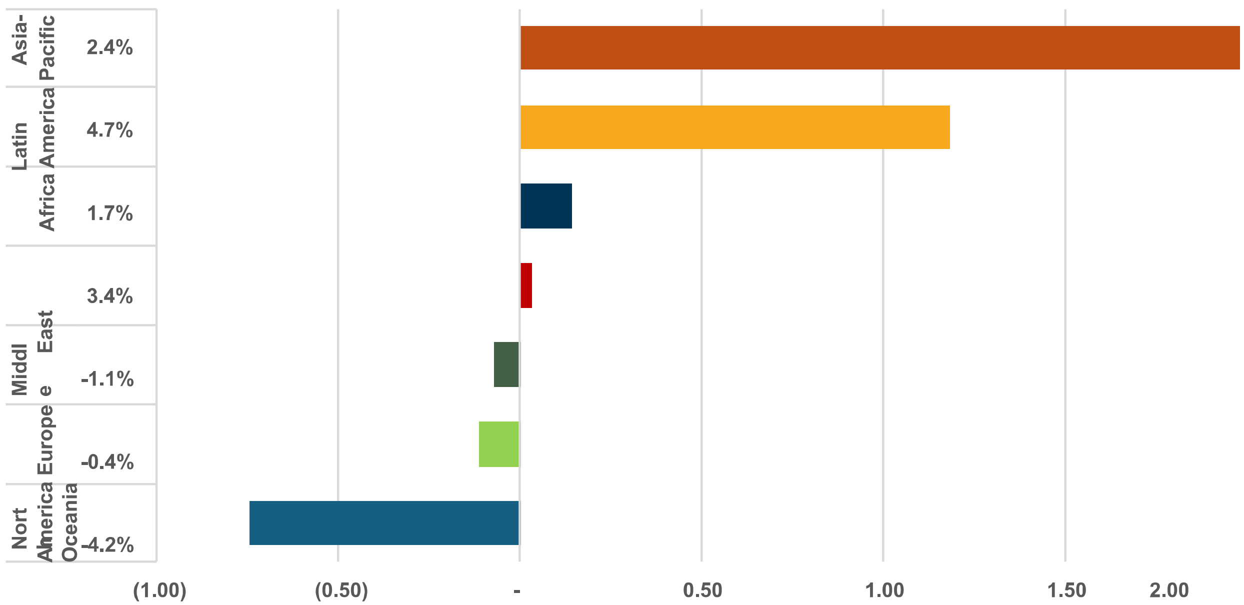
Broilers

- Growth was reported in **all regions.**
- The global broiler feed market outlook for 2025 remains **optimistic** thanks to:
  - Broiler meat's affordability
  - Export opportunities

Layer feed production slows growth



Up **1.4%** globally in 2024

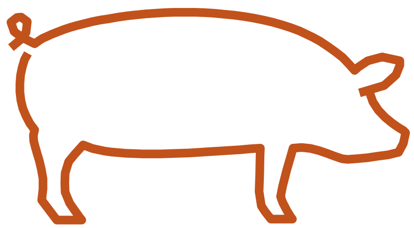


Layers

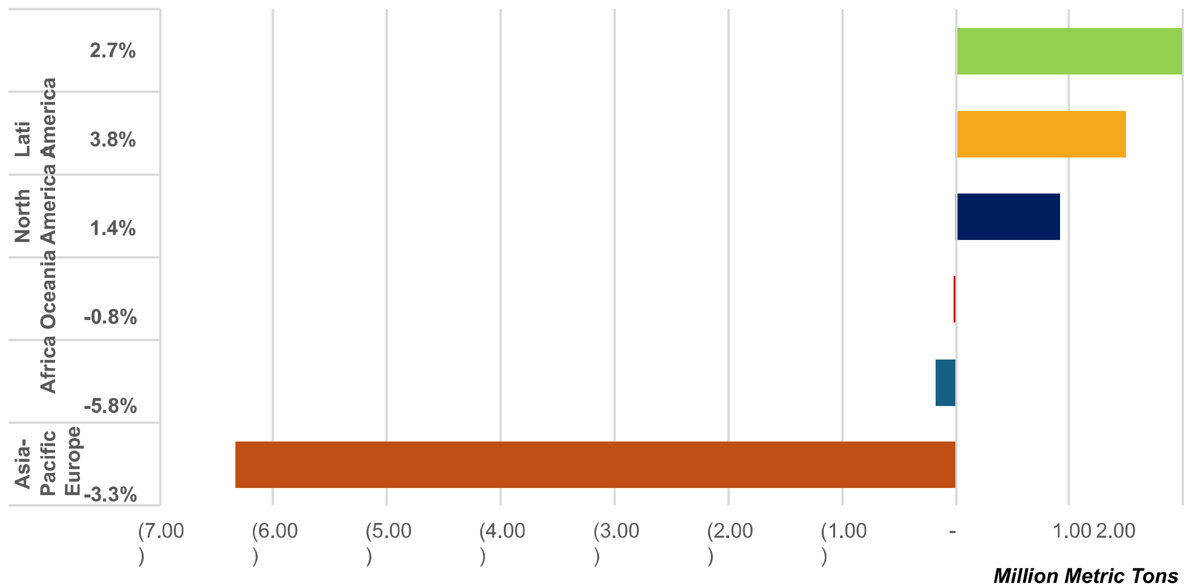
- Disruptions by **avian influenza and oversupply** in some regions were reflected in the overall slow growth rate globally.

- **Steep North America decline:** HPAI's stark impact was on display in North America, where layer feed production decreased by 4.2%. Market trends and changing consumer demand also contributed to this decline, but HPAI was the main culprit, leading to the loss of millions of table-egg-laying hens and pullets.

Pig sector experiences net loss



Down **0.6%** globally in 2024

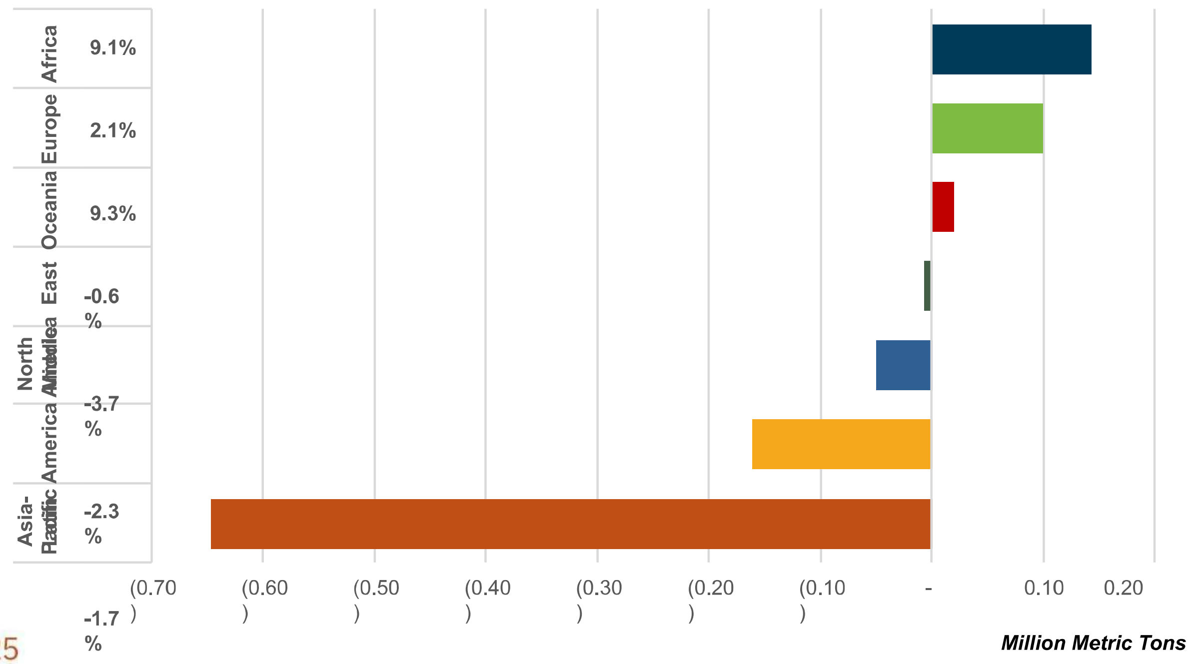


Pigs

- **Latin America** and **Europe** showed significant increases in 2024 thanks in part to increased export demand allowing them to reclaim lost ground.
- **Stablized breeding herds and heavier hog weights** paved the way for an increase in feed production in North America after two years of declines.
- **Lingering effects of ASF**, among other local challenges, contributed to the decrease in feed production – especially for Africa and the Middle East and Asia-Pacific regions.

Aquaculture feed production was down for the 2nd year

Down **1.1%** globally in 2024

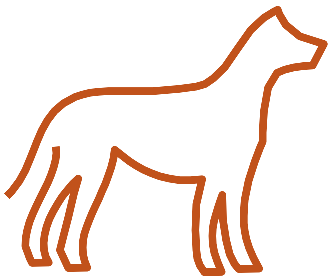


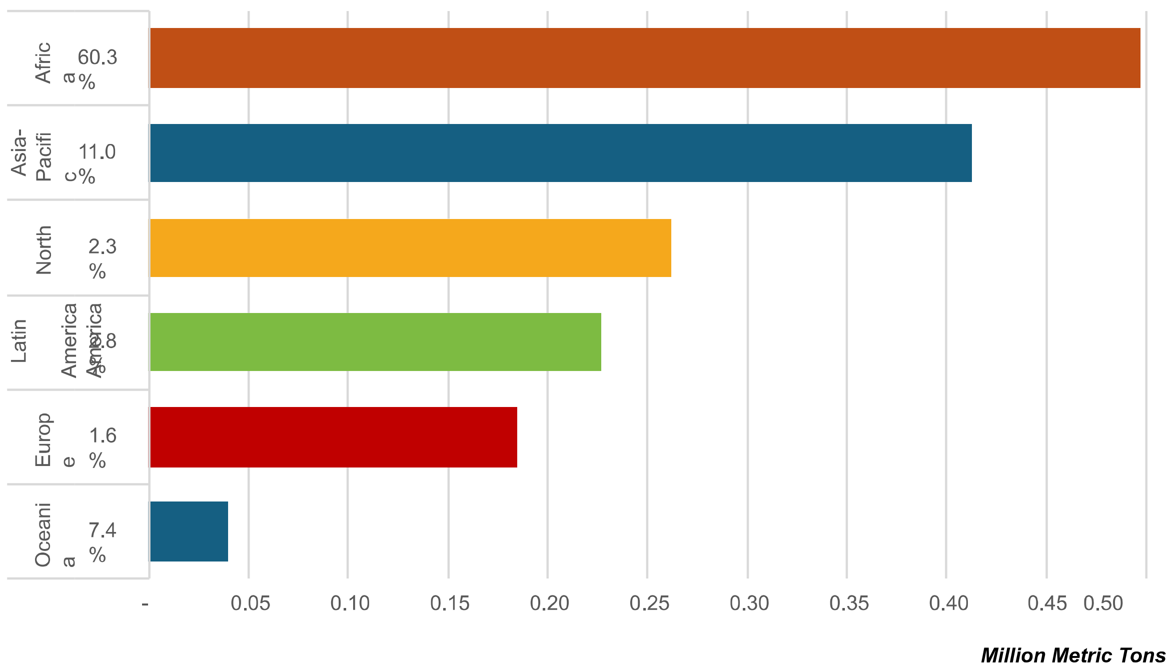
Aquaculture

- While the Asia-Pacific region is still the largest producer of aquaculture, the **1.7% decline signals a 2-year decrease** for the sector fueled by environmental challenges, disease outbreaks and economic pressures.
- **Africa and the Middle East** achieved a 9.1% increase. While overall volumes remain small, more farmers adopting commercial feeds and rising demand for lower-cost proteins benefited this sector.

Pet food production continues to grow strong

Up **4.5%** globally in 2024





Pets

- Double digit percentage growth in **Africa** and **Asia-Pacific** regions were the primary drivers of this growth underscoring the surge in pet adoption and premium diets in developing regions.
- **North America** and **Europe** continue to compete closely for the top spot for food production.
- **Demand remains high** for premium pet products and the global pet food sector is poised for further expansion

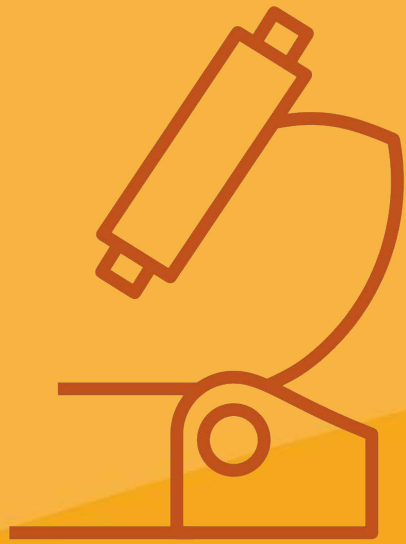
Standout stats

- **Vietnam (No. 8, up 3.4%):** Despite ongoing ASF challenges, pig stock recovery from prior years kept Vietnam's pig feed production flat in 2024. According to Rabobank, pork production growth will return in 2025, with expected growth of 3%, supported by increasing demand and policies aimed at expanding domestic raw material production. This suggests a delayed but upcoming increase in feed demand as local production capacities expand.
- **Mexico (No. 5, up 1.38%:** saw growth in all sectors except for Pork due to oversupply of America pork and disease impact. The poultry sector showed the highest growth due to increased domestic consumption in this first-choice protein.
- **USA (No. 2, up 0.7%):** Moderate growth driven by pig, beef, broiler
- **China (No. 1, down 2%):**
  - Production declined due to oversupply, low prices, disease
  - 475 new high-tech mills for quality-focused production

Alltech®

Top 5 technologies
making the most impact:

1. Nutritional solutions
2. Genetics
3. Biosecurity measure
4. Renewable energy
5. Biogas/anaerobic digestion



Global trends affecting feed production

Feed production is **expected to maintain modest growth** in 2025.

Optimism remains strong for **Poultry**, **Pet food**, **Pig**, **Aquaculture** and **Beef.**

Alltech®

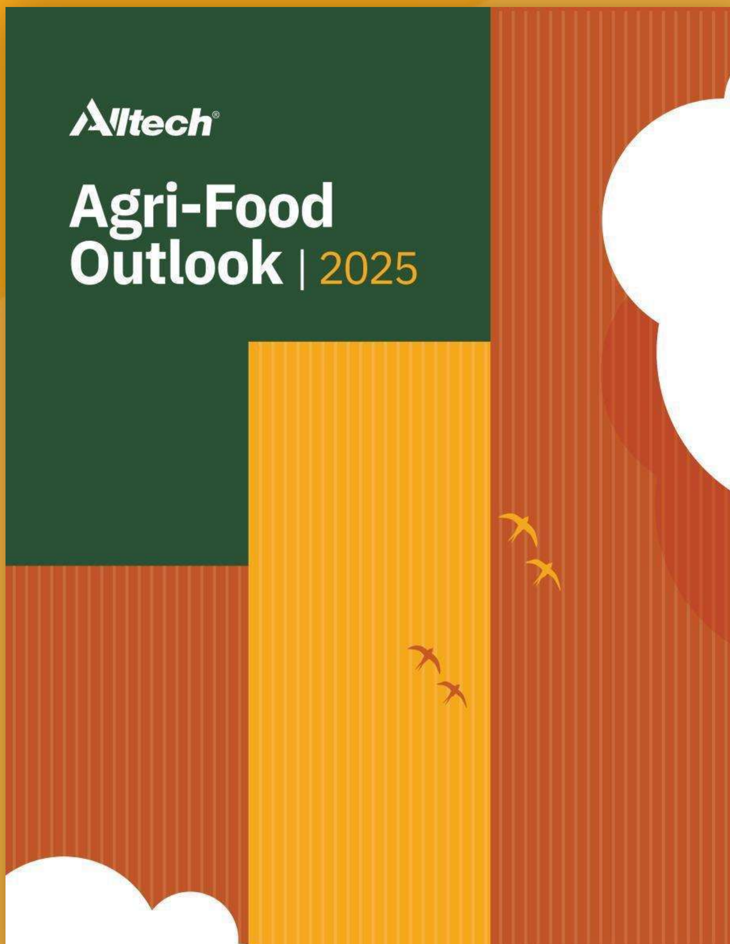
Looking ahead

- **Poultry** sector expected to **maintain dominance** with Broiler feed demand likely to rise
- **Pig** sector is likely to **remain flat** due to the continued impact of ASF in some regions requiring a strong focus on feed costs and disease management.
- The **Aquaculture** sector is positioned to strengthen slowly, but feed production likely to **vary by region**
- Innovation in ingredients, packaging, and retail channels (along with the continued rise of disposable income in Africa, Asia and Latin America) will ensure the **Pet food** market **trajectory continues** through 2025

Top 5 benefits
of using diverse feed ingredients:

1. Resilience against disease and supply shocks
2. Enhanced cost efficiency and regional adaptability
3. Supporting sustainability goals
4. Meeting shifting consumer and market demands
5. Improved nutritional optimization and feed efficiency

Alltech®



Explore even more

Download the PDF of the full report and explore our interactive map at alltech.com/agri-food-outlook

Alltech