

Result Update January 28, 2025

(Maintain)	BUY
Target Price (INR)	459
Share Price (28/01/25, INR)	356
Expected Return	29%

Revenue (25)	E, INR mn)		85,301
EPS (25E)		17.7	
NIFTY		22,957	
Market Cap (123.9	
Shares Outst		347.3	
Free Float (%))		47.5
Foreign Own	ership (%)		19.0
52-Week Lov	1		160
52-Week Hig		452	
(%)	1M	6M	12M
Absolute	-11.4	24.0	81.9



-7.8

74.4

Mirae Asset Capital Markets (India) Pvt. Ltd.

Lavita Lasrado

Relative

lavita.lasrado@miraeassetcm.com

Divyanshi Jain

divyanshi.jain@miraeassetcm.com

LTFOODS IN · FMCG

LT Foods

Benign quarter; Higher freight weighed on margins

Result Highlights

LT foods' revenue stood at INR 22.7 bn, up by 17.2% YoY primarily on the back of 15% volume growth in Basmati segment. Basmati/Organic foods/RTE&RTC segment reported revenue growth of 17%/27%/-15% YoY in Q3FY25 respectively. Gross margin at 33.5%, a growth of 113 bps YoY due to softer input cost, while Ebitda witnessed a growth of 4.7% to INR 2.4 bn. EBITDA margin was recorded at 11% down by 131 bps YoY. Inventory days for 9MFY25 is 268 v/s 248, higher this year on account of strategic paddy procurement, as greater demand is anticipated in key markets like the US and India.

US leads growth; Margin recovery delayed due to higher freight cost

Basmati & specialty segment revenue up 17% YoY led by 15% volumes growth supported by strong demand in the US, Europe & Middle East. Other expenses increased due to increasing freight cost by 2.3% yoy and 0.5% gog reaching 7.1% of sales. Freight costs negatively impacted profits from the US-based Golden Star JV, despite its 20% revenue growth and strong market position as the top-selling Jasmine rice brand in America. The company expects freight rates to decrease by FY26 (from 7.2% to ~6%), with benefits starting by Q2FY26. In Q3FY25, Europe saw cost reductions, but inventory delays hindered immediate impact. The US has yet to see significant reductions. Organic segment delivered strong 27% growth driven by expanded distribution in Europe and the US. The RTE/TRC revenue declined 15% YoY on discontinuation of Daawat Sehat, however expect strong growth from new launched products. The company targets an overall EBITDA margin of 14%+ in four years, with a 10-12% CAGR and annual organic segment revenue of INR 10bn by FY26. RTE/RTC is expected to break even at a revenue base of INR 4bn by FY27. Organic segment growth is projected at ~10% in FY26, while volume growth is expected at 12-13% for FY25 and 12% annually in FY26. We expect the revenue CAGR at 16% over FY24-27E in RTC/RTE segment. Overall, we estimate Revenue/EBITDA cagr to be 12.1%/13.8% over FY24-27E respectively. Expecting recovery in margins (freight softening H1FY26 onwards, continued focus on value-added products, etc.), we now expect a 14.9% EPS CAGR over FY24-27e.

Maintain Buy

We like LT Foods for its diversified product range, leading position in Basmati across geographies. We expect the company to be well-placed to make the most of driving both domestic and international business with continuous expansion. Basis our valuation framework we value the stock at 18x FY27E EPS (10% cut to previous multiple 20x based on market conditions) that offers 29% upside with revised TP of INR459.

Earnings and valuation metrics

Larrings aria varaacio					
(YE Mar)	FY23	FY24	FY25E	FY26E	FY27E
Revenue (INR mn)	69,358	77,724	85,301	98,872	1,09,625
EBITDA (INR mn)	7,007	9,379	9,554	12,260	13,813
EBITDA margin (%)	10.1	12.1	11.2%	12.4%	12.6%
PAT (INR mn)	4,228	5,976	6,154	7,875	9,066
EPS (INR)	13.1	17.2	17.7	22.7	26.1
P/E (x)	28.6	20.6	20.2	15.7	13.7
P/B (x)	4.2	3.7	3.2	2.7	2.3
EV/EBITDA (x)	17.7	13.7	13.0	10.1	8.6
ROE (%)	14.6	17.9	15.6	16.9	16.5

Exhibit 1. Consolidated - Quarterly Results

(YE Mar) INR mn	Q2FY24	Q3FY24	Q4FY24	Q1FY25	Q2FY25	Q3FY25
Total Revenues	19,778	19,417	20,748	20,705	21,078	22,748
% growth	14.7%	9.2%	13.9%	16.4%	6.6%	17.2%
COGS	13,769	13,137	14,029	13,881	14,068	15,135
% growth	27.3%	7.6%	14.4%	17.2%	2.2%	15.2%
as % of sales	69.6%	67.7%	67.6%	67.0%	66.7%	66.5%
Gross Profit	6,008	6,280	6,719	6,824	7,010	7,614
Gross Margin (%)	30.4%	32.3%	32.4%	33.0%	33.3%	33.5%
Employee costs	1,075	1,081	1,049	1,147	1,230	1,251
% growth	23.7%	16.2%	11.1%	4.6%	14.4%	15.7%
as % of sales	5.4%	5.6%	5.1%	5.5%	5.8%	5.5%
Other expenses	2,529	2,813	3,219	3,268	3,487	3,865
% growth	-34.3%	-5.8%	5.8%	20.9%	37.9%	37.4%
as % of sales	12.8%	14.5%	15.5%	15.8%	16.5%	17.0%
Total Expense	17,373	17,031	18,297	18,296	18,785	20,250
EBITDA	2,405	2,386	2,451	2,409	2,293	2,498
Margin %	12.2%	12.3%	11.8%	11.6%	10.9%	11.0%
Depreciation	360	361	453	420	448	458
Interest	191	185	235	187	196	236
Other income/expense (net)	140	80	169	175	263	134
PBT	1,995	1,920	1,933	1,977	1,911	1,938
Tax	539	510	542	530	494	525
PAT before P&L from associates and JV	1,456	1,410	1,390	1,448	1,418	1,414
% growth	53.7%	52.8%	24.3%	17.6%	-2.6%	0.3%
as % of sales	7.4%	7.3%	6.7%	7.0%	6.7%	6.2%
P&L from associates and JV	117	117	112	106	88	40
PAT post P&L from associates and JV	1,573	1,526	1,502	1,553	1,506	1,454

Exhibit 2. Segment highlights (YoY)

	Basmati & Other Specialty Segment	Organic Food and Ingredient Segment	Ready to Heat & Ready to Cook Segment
% share	87%	10%	2%
	Q3FY25	Q3FY25	Q3FY25
Revenue	19,980	2,400	430
			-15%*
Revenue growth	17%	27%	(normalised growth
			@12%)
Volume Growth	15%	-	-
Gross Margin	32.4%	42.6%	41.1%
EBITDA Margin	11.7%	11.8%	-9.8%

Source: Company data, MACM Research, Note: *Discontinuation of 'Daawat Sehat' impacted sales growth, direct sales from JV included

Exhibit 3. Trend in revenue Exhibit 4. Change in Gross & EBITDA margin (INR bn) 34.9% 33.5% 33.3% 33.0% 32.4% 32.3% 40% 34.8% 30.0% 25 40% 30% 19 30% 20% 13 20% 10% 10% 6 19.8 22.7 0% Q1FY23 Q3FY23 Q3FY24 Q2FY25 0 0% Q1FY24 Q4FY24 Q1FY23 Q1FY25 Gross Margin --- EBITDA Margin Revenue Growth (RHS)

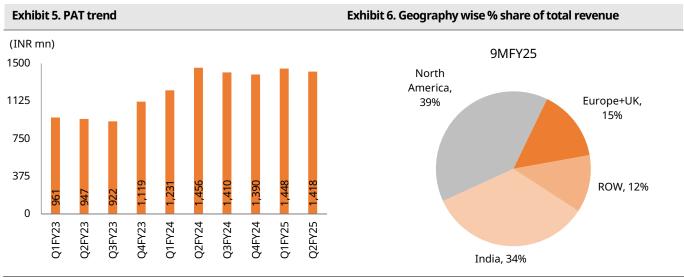


Exhibit 7. New Product Launch (India) - Jasmine Thai Rice

With evolving taste preferences, LT Foods' Jasmine Thai Rice is perfectly positioned to capture the growing demand for premium ingredients, catering to India's rising appetite for international flavours and culinary experiences!



Launch of 1kg Regional Rice varieties across all the channels



Exhibit 8. Brand campaigns

Durga Puja: 1st of its kind RICE INSTALLATION of Goddess Durga in Kolkata





Navratri: 360 campaign ~ On-Ground, On Air coverage, Inshow integration & Radio





Digital Campaign featuring 3 Michelin Star Chefs: Gaggan Anand, Himanshu Saini and Atul Kochhar ~ (+3.2cr impressions and +4.5mn views)



Gourmet Journey: Daawat by Chef Gaggan Anand - Episode 1



Gourmet Journey: Daawat by Chef Himanshu Saini - Episode 2



Gourmet Journey: Daawat by Chef Atul Kochhar - Episode 3

Campaign ~ Pushpa 2













- Byte from Star Cast
- On-pack usage
- Outdoor / In-cinema integration
- Meet & Greet
- Contest

Exhibit 9. Focused marketing initiatives across key geographies



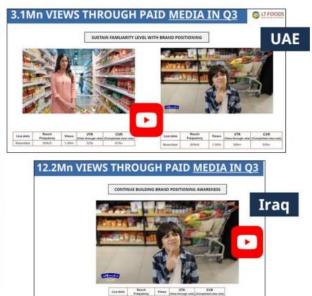


Exhibit 10. Brand Refresh and New Launches under 'Royal' in US



Key Concall highlights for Q3FY25

Financial performance: Revenue grew by 17% on account of increased sales from all the segments. Gross margins saw an improvement of 125 bps from 32.6% to 33.9%) due to decrease in input cost. EBITDA saw a marginal impact of -110bps (12.6% to 11.5%) on account of increased freight charges. PAT witnessed a marginal decline due to lower profits from JVs & Associates.

Basmati and other specialty rice segment: Revenue grew 17%, driven by strong demand in the US, Europe, and the Middle East, with 15% volume growth. India saw 8% growth in 9MFY25, adding 200+ towns and maintaining e-commerce leadership. North America revenue rose 17%, with Royal holding a 55% share, Golden Star leading Jasmine rice, and '817 Elephant' dominating in Canada. ROW revenue increased 16%, supported by growth in the Middle East and Far East.

Organic Segment: Q3FY25 revenue growth of 27% yoy driven by expanded distribution in Europe and the US. 9M YoY Revenue Growth of 36% was driven by i) Expanded market reach in the US and Europe, ii) increased sales across product segments - rice, grains, soya etc. Current Revenue: INR 1000 mn from the USA this year. EBITDA Margin: Current ~11% → Target 14%+ with growth at 10-12% CAGR. Expansion plans include both organic and inorganic growth.

Uganda Expansion: Manufacturing facility to mitigate potential impact from levy of antidumping duty on soymeal. Operations are stable and performing well.

Ready-to-Eat (RTE) and Ready-to-Cook (RTC): This segment posted 0.1% growth in 9MFY25, impacted by a 15% YoY decline in Q3 due to the discontinuation of 'Daawat Sehat.' Key highlights include +148% growth in Biryani Kits, +26% in RTH, and +60% in Kari Kari (including JV sales). The segment targets a 33-35% CAGR over the next five years, with a streamlined focus on high-demand, high-margin products and optimal production capacity utilization. The US RTE business (~INR 1,000 mn, 7% EBITDA) is growing at 26%, while India operations are expected to turn profitable by FY27, supported by a new facility.

Stake Acquisition: The company completed the acquisition of balance stake in NBFL (17.5%) on 31st December 2024. NBFL is now a 100% WoS of LT Foods.

Europe/UK business: Rice production capacity of 60,000 tonnes per annum; Targeted revenue £100 mn in the next 5 years; Partnered with 4 leading retailers in the UK with focused plans to scale up

Saudi Arabia business: Investment over 5 years estimated at SAR 185 mn; Expected revenue of SAR 435 mn during the same period; Incremental revenue of INR 230 mn generated in Saudi Arabia during the current period.

Guidance: The company targets an overall EBITDA of 14%+ in four years, with a 10-12% CAGR and annual organic segment revenue of INR 10,000+ mn by FY26. RTE/RTC is expected to break even at a revenue base of INR 4,000 mn by FY27. Freight costs are expected to partially normalize in FY25, with full benefits by FY26. Organic segment growth is projected at ~10% in FY26, while volume growth is expected at 12-13% for FY25 and 12% annually in FY26.

> Freight cost: Logistics costs rose by 2.3% YoY and 0.5% QoQ, reaching 7.1%. The company expects freight rates to decrease by FY26, with benefits starting by Q2FY26. In Q3FY25, Europe saw cost reductions, but inventory delays hindered immediate impact. The US has yet to see significant reductions. A 1.2% logistics cost reduction is expected next year, from 7.2% to ~6%.

> P&L from associates and JV: Profit has come down because of the impact of the higher the steamer freight from Thailand to West Coast. No decrease in price or increase in raw material cost was seen.

> Golden Star JV: Freight costs negatively impacted profits from the US-based Golden Star JV, despite its 20% revenue growth and strong market position as the top-selling Jasmine rice brand in America.

> Acquisitions: The company has taken 4% stake in Raghunath Agro Private Limited. Initially company had 96% holding, now it will be 100% subsidiary of LT Foods.

> Margins: The company expects margin improvement starting Q2FY26, driven by lower raw material and freight costs. In FY25, Basmati Rice segment margins are 12.1%, with India at 12.3% and exports at 14.3%. Margins are expected to improve in FY26 due to softer freight costs and operational efficiencies.

> Capex: Capex in FY26 to be in the range of INR1,500 mn- INR2,000 mn. Sales on the USA the facility will be up in the month of May'26. 9MFY25 capex incurred is INR 1,640 mn

> International business: The US continues to lead growth, with the Middle East growing 37% YoY, albeit from a small base. The UK and European facility targets EUR 145 mn in FY26, while Saudi Arabia has a five-year revenue plan of QAR 435 mn and a target of 20,000 tons production by FY26. No cape in Saudi Arabia yet, with future investments focusing on convenience platforms and packaging. Geographical diversification is strong, with America leading in revenue, followed by India and Europe/UK.

> Procurement Costs: Benefits from lower input costs are expected to materialize fully in Q2FY26 due to the aged inventory sales model. Minimal impact expected in Q4 FY25, with improvements gradually kicking in by Q1 FY26.

> Domestic Business: Specialty rice & Basmati grew 8% YoY over nine months in India. Demand in the domestic market remains sluggish, while international markets are driving growth in specialty rice.

> Volume and realization: In the past nine months, revenue sales reached 5,25,000 tonnes at an average realization of INR 103 per kg, with Q3 sales of 185,000 tonnes at INR 105 per kg. The average procurement rate for paddy has decreased by 10%-15% to INR 32 per kg. Revenue realizations: Domestic – INR 64/kg, Export – INR 144/kg.

> Market Share: India Basmati Market Share: Current quarter: 28% (down from 30% YoY). Strategic decision to exit unprofitable price segments (~INR 50 price point). Premium segment market share has grown, aligning with a focus on profitability.

> Working Capital: Working capital days stood at 227 (vs. 225 YoY), reflecting higher procurement during the Oct-Dec peak season. Inventory buildup for anticipated demand slightly increased days, but normalization is expected by March FY25, with stable efficiency maintained.

Other:

- Insurance Claim: Supreme Court has finalized a verdict. Funds are expected by March 10, 2025.
- Currency Impact: Rupee depreciation is favorable for exports, with no adverse impact anticipated.

Valuation

We like LT Foods for its diversified product range, leading position in Basmati across geographies. We expect the company to be well-placed to make the most of driving both domestic and international business with continuous expansion. Basis our valuation framework we value the stock at 18x FY27E EPS (20% cut to previous multiple 20x based on market conditions) that offers 29% upside with revised TP of INR459.

Key risks & concerns

- Increase in competition from unorganized players would impact overall growth prospects of the company.
- Basmati rice is an extremely volatile commodity. Hence, any unfavorable change in rice prices could impact the realisation.
- Change in currency could have an adverse impact on the company's profitability.

Exhibit 11. Change in estimates

(INID mm)	Old estimates			Revised Estimates			Change (%)		
(INR mn)	FY25E	FY26E	FY27E	FY25E	FY26E	FY27E	FY25E	FY26E	FY27E
Revenue	82,789	96,175	1,06,679	85,301	98,872	1,09,625	3%	3%	3%
EBITDA	9,852	11,493	13,015	9,554	12,260	13,813	-3%	7%	6%
PAT	6,031	7,305	8,500	6,154	7,875	9,066	2%	8%	7%
EPS (INR)	17.4	21.0	24.5	17.7	22.7	26.1	2%	8%	7%

Financials – LT Foods (Consolidated)

Income statement (summarized)

income statement (sui	mmarized)				
(INR mn)	FY23	FY24	FY25E	FY26E	FY27E
Revenue	69,358	77,724	85,301	98,872	1,09,625
yoy growth	27.8%	12.1%	9.7%	15.9%	10.9%
Cost of goods sold	45,775	52,781	56,981	65,948	72,901
Gross profit	23,583	24,943	28,320	32,925	36,724
Employee expenses	3,596	4,301	4,862	5,735	6,358
Other expenses	12,980	11,263	13,904	14,930	16,553
EBITDA	7,007	9,379	9,554	12,260	13,813
yoy growth	17.5%	33.8%	1.9%	28.3%	12.7%
Depreciation	1,269	1,529	1,689	1,764	1,969
Interest expenses	821	830	854	689	524
Other income	430	496	682	692	767
PBT	5,347	7,517	7,693	10,500	12,088
Income tax	1,398	2,029	1,923	2,625	3,022
PAT	4,228	5,976	6,154	7,875	9,066
Gross margin (%)	34.0%	32.1%	33.2%	33.3%	33.5%
EBITDA margin (%)	10.1%	12.1%	11.2%	12.4%	12.6%
Net margin (%)	5.8%	7.7%	7.2%	8.0%	8.3%

Balance sheet (summarized)

(INR mn)	FY23	FY24	FY25E	FY26E	FY27E
Current assets	39,481	43,945	53,409	57,150	65,255
Cash & equivalents	322	496	7,998	6,682	9,484
AR & other receivables	6,744	6,758	7,011	8,127	9,010
Inventory	30,724	34,981	36,691	40,633	45,051
Other current assets	1,692	1,709	1,709	1,709	1,709
Non-current assets	13,724	16,495	17,700	18,604	18,876
Fixed Assets	12,395	14,418	15,623	16,526	16,799
Investments	1,218	1,697	1,697	1,697	1,697
Other Long term Asset	111	381	381	381	381
Total Assets	53,206	60,440	71,493	76,138	84,516
Current liabilities	20,111	21,158	26,549	23,944	23,976
AP & other payables	10,928	12,300	15,191	14,086	15,618
Other current liabilities	8,007	6,393	8,893	7,393	5,893
Non-current liabilities	4,991	4,858	4,858	4,858	4,858
Long-term financial liabilities	2,609	105	105	105	105
Other non-current liabilities	2,383	4,753	4,753	4,753	4,753
Total liabilities	25,236	26,174	31,564	28,960	28,991
Shareholders' equity	27,970	34,267	39,929	47,178	55,524
Equity share capital	347	347	347	347	347
Reserves and surplus	27,223	33,369	38,986	46,175	54,450
Minority Interest	400	551	595	656	726
Total liabilities and Equity	53,206	60,440	71,493	76,138	84,516

Cash flow statement (summarized)

Casil now statement (summi	ai izeu)				
(INR mn)	FY23	FY24	FY25E	FY26E	FY27E
Operating cash flow					
PBT	5,626	8,005	7,693	10,500	12,088
Other Non-Cash items	1,641	1,891	2,588	2,513	2,563
Change in NWC	-3,390	-805	928	-6,161	-3,771
Cash flow from Operating Activities	2,584	7,569	9,286	4,227	7,858
	679	4,444	5,622	-228	3,496
Cashflow from Investing					
Capex	-1,438	-2,011	-2,894	-2,667	-2,241
Others	10	-4	0	0	0
Net Cashflow from Investing	-3,946	-2,015	-2,894	-2,667	-2,241
Cash flow from financing					
Chg. in financial liabilities	-1,853	-4,465	1,646	-2,189	-2,024
Chg. in equity	3,664	-347	-536	-686	-790
Other	-448	-567	0	0	0
Chg. in cash	1	175	7,502	-1,316	2,802

Key valuation metrics/ratios

EV/EBITDA (x)	28.6 4.2 17.7	20.6 3.7	20.2	15.7 2.7	13.7
P/B (x) EV/EBITDA (x)		3.7	3.2	27	2.2
.,	17.7			2.7	2.3
D//6 /)	.,.,	13.7	13.0	10.1	8.6
EV / Sales (x)	1.8	1.7	1.5	1.2	1.1
Adj EPS (W)	13.1	17.2	17.7	22.7	26.1
BPS (W)	85.6	97.1	113.3	134.0	157.8
Inventory Turnover (days)	143	154	157	150	150
Receivables (days)	34	32	30	30	30
Payables (days)	47	55	65	52	52
ROE (%)	14.6	17.9	15.6	16.9	16.5
RoCE (%)	17.0	20.7	18.3	21.0	21.1
Debt-to-equity ratio (%)	34.0	15.6	19.7	13.5	8.7

Income statement (summarized)

Ralance sheet (summarized)

(USD mn)	FY23	FY24	FY25E	FY26E	FY27E
Revenue	826	925	1,015	1,177	1,305
yoy growth	21.4%	12.1%	9.7%	15.9%	10.9%
Cost of goods sold	545	628	678	785	868
Gross profit	281	297	337	392	437
Employee expenses	43	51	58	68	76
Other expenses	155	134	166	178	197
EBITDA	83	112	114	146	164
yoy growth	17.5%	33.8%	1.9%	28.3%	12.7%
Depreciation	15	18	20	21	23
Interest expenses	10	10	10	8	6
Other income	5	6	8	8	9
PBT	64	89	92	125	144
Income tax	17	24	23	31	36
PAT	50	71	73	94	108
Gross margin (%)	34.0%	32.1%	33.2%	33.3%	33.5%
EBITDA margin (%)	10.1%	12.1%	11.2%	12.4%	12.6%
Net margin (%)	6.1%	7.7%	7.2%	8.0%	8.3%

Balance sheet (summarized)							
(USD mn)	FY23	FY24	FY25E	FY26E	FY27E		
Current assets	470	523	636	680	777		
Cash & equivalents	4	6	95	80	113		
AR & other receivables	80	80	83	97	107		
Inventory	366	416	437	484	536		
Other current assets	20	20	20	20	20		
Non-current assets	163	196	211	221	225		
Net Block	148	172	186	197	200		
Investments	15	20	20	20	20		
Other Long term Asset	1	5	5	5	5		
Total Assets	633	720	851	906	1,006		
Current liabilities	239	252	316	285	285		
AP & other payables	130	146	181	168	186		
Other current liabilities	95	76	106	88	70		
Non-current liabilities	59	58	58	58	58		
Long-term financial liabilities	31	1	1	1	1		
Other non-current liabilities	28	57	57	57	57		
Total liabilities	300	312	376	345	345		
Shareholders' equity	333	408	475	562	661		
Equity share capital	4	4	4	4	4		
Reserves and surplus	324	397	464	550	648		
Total liabilities and Equity	633	720	851	906	1,006		

Cash flow statement (summarized)

(USD mn)	FY23	FY24	FY25E	FY26E	FY27E
Operating cash flow					
PBT	67	95	92	125	144
Other Non-Cash items	20	23	31	30	31
Change in NWC	-40	-10	11	-73	-45
Cash flow from Operating Activities	31	90	111	50	94
Free Cashflow	8	53	67	-3	42
Cashflow from Investing Activities					
Capex	-17	-24	-34	-32	-27
Others	0	-0	0	0	0
Net Cashflow from Investing Activities	-47	-24	-34	-32	-27
Cash flow from financing activities					
Chg. in financial liabilities	-22	-53	20	-26	-24
Chg. in equity	44	-4	-6	-8	-9
Other	-5	-7	0	0	0
Chg. in cash	0	2	89	-16	33

Source: Company data, MACM Research, *1 USD = 84 INR

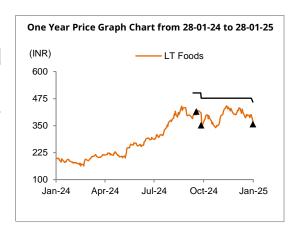
Appendix 1

Research Analyst(s) who prepared this Report are registered as Research Analyst in India but not in any other jurisdiction, including the U.S.

Important disclosures and disclaimers

Two-year rating and TP history

Company	Date	Rating	TP (INR)
LT Foods - Initiating Coverage	16/10/24	Buy	501
LT Foods – Result Update	24/10/24	Buy	477
LT Foods – Result Update	28/01/25	Buy	459



Disclosures and disclaimers

Disclosures:

Mirae Asset Capital Markets (India) Private Limited ("MACM") is primarily engaged into Investment Banking, Investments, Proprietary Trading, Broking as well as the Research activities. MACM is registered with the Securities and Exchange Board of India (SEBI) as "Research Analyst" bearing SEBI-registration number INH000007526. Please reach out to research@miraeassetcm.com for any queries.

MACM is also registered with SEBI as a Stock Broker with Registration No.: INZ000163138, holds Membership in BSE – Cash Segment (Member ID: 6681) and BSE Star MF Segment (Membership No: 53975), in NSE – Cash, F&O and CD Segments (Member ID: 90144) and in MCX (Member ID: 56980). MACM is also registered with SEBI as a Merchant Banker with Registration No.: MB/INM000012485 and as a Depository Participant with Registration No: IN-DP-589-2021 (CDSL DP ID: 12092900). MACM is also AMFI Registered Mutual Funds Distributor with ARN Code – 188742. MACM Website: https://cm.miraeasset.co.in/home.aspx.

Ratings Disclosure - Criteria for Recommendation / Changes in Ratings

Stock ratings (Expected absolute returns over 12 months)		Industry ratin	Industry ratings		
Buy	15% or greater	Overweight	Expected to outperform the market over 12 months		
Add	5% to <15%	Neutral	Expected to perform in line with the market over 12 months		
Hold	-5% to <5%	Underweight	Expected to underperform the market over 12 months		
Sell	Below -5%				

Rating and TP history: Share price (─), TP (━), Not Rated (■), Buy (▲), Add (■), Hold (●), Sell (◆)

- * The target price was determined by the research analyst through valuation methods discussed in this report, in part based on the analyst's estimate of future earnings.
- * The achievement of the target price may be impeded by risks related to the subject securities and companies, as well as general market and economic conditions

	Buy	Add	Hold	Sell	
Ratings distribution	20.00%	35.00%	30.00%	15.00%	
Investment banking services	0.00%	0.00%	0.00%	0.00%	

Disclaimers:

1. This research report ("Report") issued by MACM is personal information for the authorised recipient(s), not for public distribution and has been furnished solely for information and must not be copied, reproduced or redistributed or published, in whole or in part, to others in any form without MACM's prior specific permission. This Report may be made available on the website of the Company, however only the persons who are authorised (under respective jurisdiction and applicable laws) to access the Report may access such Report. This Report is not prepared / furnished by MACM on specific request from any affiliates of MACM / on behalf of any clients. The Company holds no responsibility if a person accesses this Report unauthorised. It is the responsibility of the person accessing the Report to check whether he/she/it holds appropriate authority to access/view/download the Report. The person who accesses the Report through the Company's website or otherwise is not authorised to send/forward this Report or to create / circulate photocopies, scanned copies, duplicates, etc. of the Report without prior written approval from the Company. The views expressed are those of analyst and the Company may or may not subscribe to all the views expressed therein. None can use the Report as a base for any claim, demand or cause of action and, also none is responsible for any loss incurred based upon. The investments discussed or recommended in this Report may not be suitable for all investors. Opinion expressed is the current opinion as of the date appearing on the material only. MACM or its associates or analyst are under no obligation to update or keep the information current. This Report has been provided for assistance and is not intended to be and must not alone be taken as the basis for an investment decision. The user assumes the entire risk of any use made of this information. Foreign currency denominated securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or the p

2. The information in the document has been issued on the basis of publicly available information, meetings/calls with the management of the subject companies; internal data and other sources believed to be reliable and are for general information purposes only, but which may have not been verified independently. Information and opinions contained herein have been compiled in good faith and MACM makes no guarantee, representation or warranty, express or implied, as to the fairness, accuracy, completeness or correctness of the information and opinions contained herein. The intended recipients of this Report are sophisticated, professional, institutional, knowledgeable investors who have substantial knowledge of the local business environment, its common practices, laws, and accounting principles as well as Indian residents, and no person whose receipt or use of this Report would violate any laws or regulations or subject MACM or any of its affiliates to registration or licensing requirements in any jurisdiction shall receive or make any use hereof. Recipient should consider whether any advice or recommendation in this Report is suitable for their particular circumstance and, if appropriate, seek professional advice, including tax advice. MACM does not provide tax advice. The user assumes the entire risk of any use made of this information. This Report may contain information obtained from third parties. These third-parties do not guarantee the accuracy, completeness, timeliness or availability of any information, including ratings. If this Report has been or any of its contents have been distributed by electronic transmission, such as e-mail, then such transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this Report, which may arise as a result of electronic transmission.

- 3. MACM or any of its connected persons including its directors or subsidiaries or associates or employee takes no responsibility and assumes no liability for any error/ omission or accuracy of the information. Accordingly, MACM or any of its connected persons including its directors or subsidiaries or associates or employees shall not be in any way be responsible for any direct, indirect, special or consequential losses or damages that may arise to any person from any inadvertent error, mistake, etc. in the information contained, views and opinions expressed in this report. Recipient of this Report should rely on their own judgment and conclusion from relevant sources before making any investment.
- 4. This Report is not and shall not be construed as an offer or a solicitation of an offer to effect transactions in any securities or other financial instruments. The Report does not constitute investment advice to any person, and such person shall not be treated as a client of MACM by virtue of receiving this Report. This Report does not take into account the particular investment objectives, financial situations, or needs of individual clients. The Report is not to be relied upon in substitution for the exercise of independent judgment. Information and opinions contained herein are as of the date hereof and are subject to change without notice. Price and value of the investments referred to in this Report and the income from them may depreciate or appreciate, and the investors may incur losses on investments. Past performance is not a guide for future performance, future returns are not guaranteed, and investors may suffer losses which may exceed their original capital and a loss of entire original capital may occur. Certain transactions futures, options and other derivatives as well as non-investment grade securities are subjected to substantial risks and are not suitable for all investors. MACM, its affiliates, and their directors, officers, employees, and agents do not accept any liability for any loss arising out of the use hereof.
- 5. MACM may have issued / may issue other reports that are inconsistent with, and reach different conclusions from, the opinions presented in this Report. The reports may reflect different assumptions, views and analytical methods of the analysts who prepared them. MACM may make investment or other decisions that are inconsistent with the opinions and views expressed in this Report. This Report has been prepared by MACM Institutional Equities Research desk. The views and opinions expressed in this document may vary from or contradict with the report, views, estimates, rating, and target price if any provided / issued by entity(ies) within or outside the group or other team(s) within MACM basis various factors including but not limited to rating criteria, valuation methodologies, assumptions, accounting methodologies, etc. MACM, its affiliates and their directors, officers, employees and agents may have long or short positions in any of the subject securities at any time and may make a purchase or sale, or offer to make a purchase or sale, of any such securities or other financial instruments from time to time in the open market or otherwise, in each case either as principals or agents. MACM and its affiliates may have had, or may be expecting to enter into, business relationships with the subject companies to provide investment banking or other financial services or making investments as are permitted under applicable laws and regulations.
- 6. Reports based on technical analysis or studying charts of a stock's price movement and trading volume, as opposed to focusing on the subject company's fundamentals and, as such, may not match with a report on the subject company's fundamentals.
- 7. MACM or its associates have not been debarred / suspended by SEBI or any other regulatory authority for accessing / dealing in securities Market. There are no disciplinary actions taken against MACM. MACM or its associates or research analyst or his/her relatives may have financial interest or any other material conflict of interest in the subject company of this research report at the time of publication of the research report or at the time of public appearance. MACM or its associates / affiliates or research analyst or his/her relatives may hold actual/beneficial ownership of 1% or more in the securities of the subject company at the end of the month immediately preceding the date of publication of this research report or date of the public appearance.
- 8. The research analyst has not served as an officer, director or employee of the subject company. MACM or its associate or research analyst has not been engaged in market making activity for the subject company. However, MACM acts as an authorised participant whereby it acts as a liquidity provider to exchange traded funds. It is also involved into the proprietary trading activities in the securities which could also include securities which are under coverage of this Report.
- 9. MACM or any of its associates may have:
 - i. Received compensation for investment banking, merchant banking or brokerage services or for any other services from the subject company in the past twelve months and / or;
 - ii. Managed or co-managed public offering of securities for the subject company in the past twelve months and / or;
 - iii. Received compensation for products or services other than investment banking, merchant banking or brokerage services from the subject company in the past twelve months and / or;
 - iv. Received compensation or other benefits from the subject company or third party in connection with this report.
 - v. Received any compensation from the subject company in the past twelve months;
- 10. This Report is not Stock Exchange traded product and MACM is carrying out this activity as a SEBI registered Research Analyst. Disputes with respect to the Research/Research distribution activity would not have access to Stock Exchange investor redressal forum or Arbitration mechanism.
- 11. Advertisements and communications/correspondences with clients shall include the disclaimer that "Registration granted by SEBI, and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors".
- 12. Copyright of this document vests exclusively with Mirae Asset Capital Markets (India) Private Limited.

Analyst Certification:

The research analyst(s) responsible for preparation of this Report along with his/her/their associates certifies that all of the views expressed in this Report accurately reflect his or her /their personal views about the subject company or companies and its or their securities, products, sectors or industries. Any comments or statements made herein are those of the analyst and do not necessarily reflect those of MACM or and its affiliates/associates. It is also certified that no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this Report. The analyst(s) are principally responsible for the preparation of this Report and has taken reasonable care to achieve and maintain independence and objectivity in making any recommendations. At the time of publication of this Report, the Analysts do not know or have reason to know of any actual, material conflict of interest of the Analyst or MACM except as otherwise stated herein.

Access to Report and its Distribution:

This Report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law regulation, or which would subject MACM and its associates/analysts to any registration or licensing requirements or requirements to provide any notice or claim any exemption within such jurisdiction. There securities described herein may or may not be eligible for sale in all jurisdictions or to a certain category of investors. The persons who wishes to access / access this document or in whose possession this document may come are required to inform themselves of, and to observe, such applicable restrictions and if they do not allow access, then such person must not access this Report. This Report is not prepared / furnished by MACM on specific request from any affiliates of MACM / on behalf of any clients. This Report may be made available on the Company's website. MACM will not treat all recipients as customers by virtue of their receiving / accessing this Report. Persons in jurisdictions outside India who wish to receive this Report may contact MACM or its affiliates only if distribution to or use by such person of this Report would not violate applicable laws and regulations and do not subject MACM and its affiliates to any registration or licensing requirement within such jurisdiction.

Foreign Jurisdiction Specific Disclaimers:

Korea Disclaimer:

This Report is distributed in Korea by Mirae Asset Securities (HK) Limited and it may only be distributed in Korea to Professional Investors within the meaning of the HK PI definition. The developing analyst of this Report and analysis material hereby states and confirms that the contents of this material correctly reflect the analyst's views and opinions and that the analyst has not been placed under inappropriate pressure or interruption by an external party.

Hong Kong Disclaimer:

This Report is distributed in Hong Kong by Mirae Asset Securities (HK) Limited, which is regulated by the Hong Kong Securities and Futures Commission. The contents of this Report have not been reviewed by any regulatory authority in Hong Kong. This Report is for distribution only to professional investors within the meaning of Part I of Schedule 1 to the Securities and Futures Ordinance of Hong Kong (Cap. 571, Laws of Hong Kong) and any rules made thereunder and may not be redistributed in whole or in part in Hong Kong to any person. This Report must not be acted or relied on by persons who are not professional investors. Any investment or investment activity to which this Report relates is only available to professional investors and will be engaged only with professional investors.

Singapore Disclaimer:

This Report is distributed in Singapore by Mirae Asset Securities (Singapore) Pte. Ltd. which is licensed and regulated by the Monetary Authority of Singapore. The contents of this Report have not been reviewed by the Monetary Authority of Singapore and any other regulatory authority in Singapore. This Report is for distribution only to accredited and institutional investors (excluding natural persons) within the meaning of section 4A of the Securities and Futures Act (Cap. 289) and should not be redistributed whether in whole or in part in Singapore to any person.

The information contained in this Report is intended to provide prospective investors with an understanding of the investment opportunity and is not and should not be construed as an offer, a solicitation of an offer to effect transactions in any financial instruments featured herein or an invitation to purchase all or part of the profiled investment opportunity. This Report does not constitute financial and investment advice to any person nor should it be construed as being promoted or recommended by Mirae Asset Securities (Singapore) Pte. Ltd. and should not be relied upon in substitution for the exercise of independent judgement. Every potential investor must make its own independent assessment of the investment opportunity including the accuracy of information contained herein. Mirae Asset Securities (Singapore) Pte. Ltd., its affiliates and any of their directors, officers, agents, advisers or employees accept no responsibility or liability for the information contained herein, any errors, misstatements or misrepresentations in, or omissions from, this Report. Mirae Asset Securities (Singapore) Pte. Ltd., its affiliates and their directors, officers, agents and advisers or employees expressly disclaim liability for the use by a potential investor of any of the information contained in this Report, or resulting from reliance by a potential investor upon any statements, whether express or implied (including, without limitation, estimates of future performance /returns), contained in, or omitted from this Report or any other written or oral communications transmitted to a prospective investor during the course of their evaluation of the investment opportunity referred to in this Report.

United States Disclaimer:

MACM is not a registered broker-dealer in the United States and, therefore, is not subject to U.S. rules regarding the preparation of research reports and the independence of the research analysts. This Report is not prepared by MACM on specific request by Mirae Asset Securities (USA) Inc. or its clients and is generic in nature and is only distributed in the U.S. by Mirae Asset Securities (USA) Inc., a member of FINRA/SIPC, to "major U.S. Institutional Investors" in reliance on the exemption from registration provided by Rule 15a-6(b)(4) under the U.S. Securities Exchange Act of 1934, as amended. All U.S. persons that receive this document by their acceptance hereof represent and warrant that they are a major U.S. Institutional Investor and have not received this Report under any express or implied understanding that they will direct commission income to MACM or its affiliates. Any U.S. recipient of this document wishing to effect a transaction in any securities discussed herein should contact and place orders with Mirae Asset Securities (USA) Inc. Airae Asset Securities (USA) Inc. accepts responsibility for the contents of this Report in the U.S., subject to the terms hereof, to the extent that it is delivered to a U.S. person other than a major U.S. Institutional Investor. Under no circumstances should any recipient of this Report effect any transaction to buy or sell securities or related financial instruments through MACM. The securities described in this Report may not have been registered under the U.S. Securities Act of 1933, as amended, and, in such case, may not be offered or sold in the U.S. or to U.S. persons absent registration or an applicable exemption from the registration requirements.

United Kingdom Disclaimer

This Report is being distributed by Mirae Asset Securities (UK) Ltd. in the United Kingdom only to (i) investment professionals falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "Order"), and (ii) high net worth companies and other persons to whom it may lawfully be communicated, falling within Article 49(2)(A) to (E) of the Order (all such persons together being referred to as "Relevant Persons"). This Report is directed only at Relevant Persons. Any person who is not a Relevant Person should not act or rely on this Note or any of its contents.

Mirae Asset Securities International Network

Mirae Asset Securities Co., Ltd. (Seoul)

One-Asia Equity Sales Team Mirae Asset Center 1 Building 26 Eulji-ro 5-gil, Jung-gu, Seoul 04539 Korea

Tel: 82-2-3774-2124

Mirae Asset Securities (USA) Inc.

810 Seventh Avenue, 37th Floor New York, NY 10019 USA

Tel: 1-212-407-1000

Mirae Asset Securities (Singapore) Pte. Ltd.

6 Battery Road, #11-01 Singapore 049909 Republic of Singapore

Tel: 65-6671-9845

Mirae Asset Investment Advisory (Beijing) Co., Ltd

2401B, 24th Floor, East Tower, Twin Towers B12 Jianguomenwai Avenue, Chaoyang District Beijing 100022 China

Tel: 86-10-6567-9699

Ho Chi Minh Representative Office

7F, Saigon Royal Building 91 Pasteur St. District 1, Ben Nghe Ward, Ho Chi Minh City Vietnam

Tel: 84-8-3910-7715

Mirae Asset Securities (HK) Ltd.

Units 8501, 8507-8508, 85/F International Commerce Centre 1 Austin Road West Kowloon Hong Kong

Mirae Asset (Brasil) CCTVM

Av. Brigadeiro Faria Lima, 3900, 4º Andar, Itaim Bibi, São Paulo, SP, Brazil (04538-132) Brazil

Tel: 55-11-2789-2100

Tel: 852-2845-6332

Mirae Asset Securities (Vietnam) LLC

7F, Saigon Royal Building 91 Pasteur St. District 1, Ben Nghe Ward, Ho Chi Minh City Vietnam

Tel: 84-8-3911-0633 (ext.110)

Beijing Representative Office

2401A, 24th Floor, East Tower, Twin Towers B12 Jianguomenwai Avenue, Chaoyang District Beijing 100022 China

Tel: 86-10-6567-9699 (ext. 3300)

Mirae Asset Capital Markets (India) Pvt Ltd

1st Floor, Tower 4, Equinox Business Park, LBS Marg, Off BKC, Kurla (West), Mumbai - 400 070 India

Tel: 91-22-62661300 / 48821300

Mirae Asset Securities (UK) Ltd.

41st Floor, Tower 42 25 Old Broad Street, London EC2N 1HQ United Kingdom

Tel: 44-20-7982-8000

PT. Mirae Asset Sekuritas Indonesia

District 8, Treasury Tower Building Lt. 50 Sudirman Central Business District Jl. Jend. Sudirman, Kav. 52-54 Jakarta Selatan 12190 Indonesia

Tel: 62-21-5088-7000

Mirae Asset Securities Mongolia UTsK LLC

#406, Blue Sky Tower, Peace Avenue 17 1 Khoroo, Sukhbaatar District Ulaanbaatar 14240 Mongolia

Tel: 976-7011-0806

Shanghai Representative Office

38T31, 38F, Shanghai World Financial Center 100 Century Avenue, Pudong New Area Shanghai 200120 China

Tel: 86-21-5013-6392