Patanjali Ayurved Ltd.

A study in saffron

INDIA | FMCG | Plant Visit Update

"Patanjali is a concept," quipped its public relations officer Mr Mishra when we visited Patanjali Ayurved Ltd's sprawling 170-acre plant (Unit 3) in Haridwar – aptly named Padhartha (substance). At the plant, we met Mr. Deepak Singhal, Chief Strategy Officer of the company. The concept of Patanjali, based on the traditions of ayurveda, seemed ingrained in every person working there. While the company is still a work-in-progress, its direction and intentions are very clear. Patanjali is here to disrupt the FMCG market and it will do so in many categories. The Indian FMCG industry, so far dominated by MNCs, is set to change – and Patanjali will force the winds of this change for the better.

Our key takeaways from the visit

Large plants and aggressive expansion plans: Patanjali has set up a world-class manufacturing facility at its Unit 3 in Haridwar (the one we visited). Currently, it has three plants near Hairdwar – Units 1, 2, and 3. Unit 3 is spread over 170 acres and was set up in 2009 under the government's Mega Food Park scheme. It manufactures products such as fruit juices, chyawanprash, aata, soaps, and various personal care products. It provides employment to more than 10,000 people. The sheer scale of operations at the plant – with mega godowns and conveyor belts – clearly shows that the company has not taken any half measures in setting up its capacities. Patanjali owns 600 acres in Nagpur, where it will build more capacities. In addition, it plans to set up plants in Karnataka, Assam, and Madhya Pradesh – all part of its plan to expand capacity and increase its manufacturing footprint.

Strong belief in ayurveda and its efficacy; emphasis on quality: Every employee of Patanjali we met talks about the efficacy and benefits of ayurveda. They are convinced about the ayurveda's hidden treasures and the factory tour included sampling of ayuvedic herbs to demonstrate the product efficacy – which was impressive. This is perhaps the biggest differentiating factor for Patanjali – its complete focus on ayurveda. Apart from this, there is lot of emphasis on product quality. While a lot needs to be done in this field, the company's mind-set is currently focused on quality – and it is willing to forego volumes for quality. This is a significant strategic positive and indicates the company's long-term focus.

Not fussed about margins; Sankalp (avowed) to achieve Rs 100bn turnover: From our interactions with top management, we gathered that the company is not particularly focused on margins at this stage, but rather on revenue growth. Its employees have vowed to achieve a revenue target of Rs 100bn in FY17 from Rs 50bn in FY16. The management sounded confident – but doubling revenues on a reasonably high base is a very tall order. Its biggest revenue drivers currently are ghee and toothpaste, but other food categories such as branded atta, masala, biscuits, and juices could drive substantial future revenues.

Disruption in every category: Patanjali's broad strategy seems to be disruption in every category – it is not P&L focused and has set up abundant capacities. With a very strong brand, differentiated positioning, and almost cult following, Patanjali has the capability to disrupt every category it enters.

On track to be a dominant force in the Indian FMCG industry: Patanjali currently has a product portfolio spanning 800 SKUS in 37 categories, and now competes with every major FMCG in one or more categories. In addition, it is consistently adding new categories and setting up new plants across India – thereby broadening its manufacturing, customer, and revenue base. Currently, Patanjali has a reach of 200,000 outlets vs. 4mn for larger FMCGs; however, it is continuously expanding its reach by appointing new distributors. With the top management comprising majorly of visionaries, and middle and lower management recruited from top Indian/MNC FMCGs, the company is building the right human resource base for growth. We believe that Patanjali has all the right ingredients to become a dominant force in the Indian FMCG industry in the medium term.



Jubil Jain (+ 9122 6667 9766) jjain@phillipcapital.in

4 August 2016

NOT RATED





Hygiene and quality

State of the art factories, satisfactory hygiene: The personal care plant is highly automated. The mixing of raw materials, filling of tubes, and packaging of tubes into cardboard boxes is fully automated using very sophisticated machinery. Only after a set of 12 tubes is automatically wrapped in plastic sheets, is manual intervention required - to lift the tubes, place them into corrugated boxes and transport the boxes to warehouse for dispatch. The atta plant and juices plant are also highly sophisticated with latest machinery. We observed that the workers on shop floor adhere to basic hygiene practices like wearing face masks, gloves, plastic caps and shoe covers, when required. Also, the floor in the factories is satisfactorily clean.



The company maintains a warehouse of 100,000 sq. ft. to store 550 different kinds of herbs. It uses sophisticated technology to store and procure raw materials in the warehouse in towers, which are up to five storeys high. The hygiene in the warehouse is also satisfactory. However, the company has scope to improve upon the hygiene on the roads outside the plant. We believe that with time, it would have the best systems and processes in place.

Focus on quality: During production, quality checks are conducted on the shop floor every two hours to ensure that manufactured products are of the desired quality. Patanjali also has a state-of-the-art research laboratory in Unit 3. It is dedicated to the advancement of the field of ayurveda. It houses various rooms for simulation of different environments to test the efficacy and life of its products. Experts recruited from research teams of top FMCGs and experts ayurveda collaborate to produce new products and test them under stringent conditions. It plans to spend additional Rs 1.5bn to set up a new research laboratory near Haridwar.



PATANJALI PLANT VISIT UPDATE







Financials

Income	Statement

Y/E Mar, Rs mn	FY12	FY13	FY14	FY15
Net sales	4,512	8,439	11,867	20,067
Growth, %		87	41	69
Other income	27	51	79	73
Total income	4,539	8,490	11,946	20,141
Raw material expenses	1,727	4,377	6,194	10,999
Employee expenses	251	456	500	724
Other Operating expenses	1,158	2,088	2,780	3,763
EBITDA (Core)	1,402	1,569	2,472	4,654
Growth, %		12	58	88
Margin, %	31	19	21	23
Depreciation	338	330	314	415
EBIT	1,064	1,239	2,158	4,239
Growth, %		16	74	96
Margin, %	24	15	18	21
Interest paid	362	287	181	152
Non-recurring Items	-	-	(15)	-
Pre-tax profit	702	952	1,963	4,087
Tax provided	143	196	416	999
Profit after tax	559	756	1,547	3,088
Growth, %		35	105	100

Source: Company, PhillipCapital India Research

Balance Sheet				
Y/E Mar, Rs mn	FY12	FY13	FY14	FY15
Cash & bank	51	41	541	1,678
Debtors	691	782	765	1,032
Inventory	1,318	1,700	1,920	4,872
Loans & advances	509	650	1,379	2,797
Other current assets	17	20	306	517
Total current assets	2,585	3,193	4,911	10,896
Investments	227	230	241	465
Gross fixed assets	3,289	3,552	3,810	4,038
Less: Depreciation	727	1,057	1,371	1,775
Add: Capital WIP	2	50	0	3
Net fixed assets	2,563	2,545	2,439	2,267
Total assets	5,375	5,968	7,591	13,628
Current liabilities	2,308	2,511	2,530	5,262
Provisions	144	192	414	1,160
Total current liabilities	2,452	2,703	2,945	6,423
Non-current liabilities	1,312	979	660	445
Total liabilities	3,764	3,683	3,605	6,868
Paid-up capital	411	411	413	413
Reserves & surplus	1,199	1,874	3,573	6,347
Shareholders' equity	1,611	2,285	3,986	6,760
Total equity & liabilities	5,375	5,968	7,591	13,628

Source: Company, PhillipCapital India Research

PATANJALI PLANT VISIT UPDATE

FY13 952 330 (257) (144)	1,963 314	FY15 4,087 415
330 (257)	314	
(257)		415
• •	(793)	
(144)	(, 55)	(1,969)
	-	-
281	. (113)	(298)
1,162	1,371	2,236
(312)	(208)	(242)
-		-
3	(7)	(215)
(309)	(215)	(457)
0	13	-
(337)	(342)	(225)
(239)	(348)	(456)
(287)	21	40
(863)	(656)	(641)
(10)	500	1,138
51	41	541
		1,678
	(337) (239) (287) (863) (10) 51	(337) (342) (239) (348) (287) 21 (863) (656) (10) 500

Source: Company, PhillipCapital India Research

Rating Methodology

We rate stock on absolute return basis. Our target price for the stocks has an investment horizon of one year.			
Rating	Criteria	Definition	
BUY	>= +15%	Target price is equal to or more than 15% of current market price	
NEUTRAL	-15% > to < +15%	Target price is less than +15% but more than -15%	
SELL	<= -15%	Target price is less than or equal to -15%.	

Management

Vineet Bhatnagar (Managing Director)	(91 22) 2483 1919
Kinshuk Bharti Tiwari (Head – Institutional Equity)	(91 22) 6667 9946
Jignesh Shah (Head – Equity Derivatives)	(91 22) 6667 9735

Research					
Automobiles		IT Services		Pharma & Speciality Chem	
Dhawal Doshi	(9122) 6667 9769	Vibhor Singhal	(9122) 6667 9949	Surya Patra	(9122) 6667 9768
Nitesh Sharma, CFA	(9122) 6667 9965	Shyamal Dhruve	(9122) 6667 9992	Mehul Sheth	(9122) 6667 9996
Banking, NBFCs		Infrastructure		Strategy	
Manish Agarwalla	(9122) 6667 9962	Vibhor Singhal	(9122) 6667 9949	Naveen Kulkarni, CFA, FRM	(9122) 6667 9947
Pradeep Agrawal	(9122) 6667 9953	Deepak Agarwal	(9122) 6667 9944	Anindya Bhowmik	(9122) 6667 9764
Paresh Jain	(9122) 6667 9948	Logistics, Transportation &	& Midcap	Telecom	
Consumer & Retail		Vikram Suryavanshi	(9122) 6667 9951	Naveen Kulkarni, CFA, FRM	(9122) 6667 9947
Naveen Kulkarni, CFA, FRM	(9122) 6667 9947	Media		Manoj Behera	(9122) 6667 9973
Jubil Jain	(9122) 6667 9766	Manoj Behera	(9122) 6667 9973	Technicals	
Preeyam Tolia	(9122) 6667 9950	Metals		Subodh Gupta, CMT	(9122) 6667 9762
Cement		Dhawal Doshi	(9122) 6667 9769	Production Manager	
Vaibhav Agarwal	(9122) 6667 9967	Yash Doshi	(9122) 6667 9987	Ganesh Deorukhkar	(9122) 6667 9966
Economics		Midcap		Editor	
Anjali Verma	(9122) 6667 9969	Amol Rao	(9122) 6667 9952	Roshan Sony	98199 72726
Engineering, Capital Goods		Mid-Caps & Database Mar	nager	Sr. Manager – Equities Support	
Jonas Bhutta	(9122) 6667 9759	Deepak Agarwal	(9122) 6667 9944	Rosie Ferns	(9122) 6667 9971
Vikram Rawat	(9122) 6667 9986	Oil & Gas			
		Sabri Hazarika	(9122) 6667 9756		
Sales & Distribution				Corporate Communicati	ons
Ashvin Patil	(9122) 6667 9991	Sales Trader		Zarine Damania	(9122) 6667 9976
Shubhangi Agrawal	(9122) 6667 9964	Dilesh Doshi	(9122) 6667 9747	Bharati Ponda	(9122) 6667 9943
Kishor Binwal	(9122) 6667 9989	Suniil Pandit	(9122) 6667 9745		
Bhavin Shah	(9122) 6667 9974				
Ashka Mehta Gulati	(9122) 6667 9934	Execution			
Archan Vyas	(9122) 6667 9785	Mayur Shah	(9122) 6667 9945		

Contact Information (Regional Member Companies)

SINGAPORE: Phillip Securities Pte Ltd 250 North Bridge Road, #06-00 RafflesCityTower, Singapore 179101 Tel : (65) 6533 6001 Fax: (65) 6535 3834 www.phillip.com.sg

JAPAN: **Phillip Securities Japan, Ltd** 4-2 Nihonbashi Kabutocho, Chuo-ku Tokyo 103-0026 Tel: (81) 3 3666 2101 Fax: (81) 3 3664 0141 <u>www.phillip.co.jp</u>

THAILAND: Phillip Securities (Thailand) Public Co. Ltd.

15th Floor, VorawatBuilding, 849 Silom Road, Silom, Bangrak, Bangkok 10500 Thailand Tel (66) 2 2268 0999 Fax: (66) 2 2268 0921 www.phillip.co.th

UNITED STATES: Phillip Futures Inc.

141 W Jackson Blvd Ste 3050 The Chicago Board of TradeBuilding Chicago, IL 60604 USA Tel (1) 312 356 9000 Fax: (1) 312 356 9005 MALAYSIA: Phillip Capital Management Sdn Bhd B-3-6 Block B Level 3, Megan Avenue II, No. 12, Jalan Yap Kwan Seng, 50450 Kuala Lumpur Tel (60) 3 2162 8841 Fax (60) 3 2166 5099 www.poems.com.my

INDONESIA: **PT Phillip Securities Indonesia** ANZTower Level 23B, Jl Jend Sudirman Kav 33A, Jakarta 10220, Indonesia Tel (62) 21 5790 0800 Fax: (62) 21 5790 0809 <u>www.phillip.co.id</u>

FRANCE: King & Shaxson Capital Ltd. 3rd Floor, 35 Rue de la Bienfaisance 75008 Paris France Tel (33) 1 4563 3100 Fax : (33) 1 4563 6017 www.kingandshaxson.com

AUSTRALIA: **PhillipCapital Australia** Level 10, 330 Collins Street Melbourne, VIC 3000, Australia Tel: (61) 3 8633 9800 Fax: (61) 3 8633 9899 www.phillipcapital.com.au HONG KONG: **Phillip Securities (HK) Ltd** 11/F United Centre 95 Queensway Hong Kong Tel (852) 2277 6600 Fax: (852) 2868 5307 <u>www.phillip.com.hk</u>

CHINA: Phillip Financial Advisory (Shanghai) Co. Ltd. No 550 Yan An East Road, OceanTower Unit 2318 Shanghai 200 001 Tel (86) 21 5169 9200 Fax: (86) 21 6351 2940 www.phillip.com.cn

UNITED KINGDOM: **King & Shaxson Ltd.** 6th Floor, Candlewick House, 120 Cannon Street London, EC4N 6AS Tel (44) 20 7929 5300 Fax: (44) 20 7283 6835 <u>www.kingandshaxson.com</u>

SRI LANKA: Asha Phillip Securities Limited Level 4, Millennium House, 46/58 Navam Mawatha, Colombo 2, Sri Lanka Tel: (94) 11 2429 100 Fax: (94) 11 2429 199 www.ashaphillip.net/home.htm

INDIA

PhillipCapital (India) Private Limited No. 1, 18th Floor, Urmi Estate, 95 Ganpatrao Kadam Marg, Lower Parel West, Mumbai 400013 Tel: (9122) 2300 2999 Fax: (9122) 6667 9955 <u>www.phillipcapital.in</u>



Disclosures and Disclaimers

PhillipCapital (India) Pvt. Ltd. has three independent equity research groups: Institutional Equities, Institutional Equity Derivatives, and Private Client Group. This report has been prepared by Institutional Equities Group. The views and opinions expressed in this document may, may not match, or may be contrary at times with the views, estimates, rating, and target price of the other equity research groups of PhillipCapital (India) Pvt. Ltd.

This report is issued by PhillipCapital (India) Pvt. Ltd., which is regulated by the SEBI. PhillipCapital (India) Pvt. Ltd. is a subsidiary of Phillip (Mauritius) Pvt. Ltd. References to "PCIPL" in this report shall mean PhillipCapital (India) Pvt. Ltd unless otherwise stated. This report is prepared and distributed by PCIPL for information purposes only, and neither the information contained herein, nor any opinion expressed should be construed or deemed to be construed as solicitation or as offering advice for the purposes of the purchase or sale of any security, investment, or derivatives. The information and opinions contained in the report were considered by PCIPL to be valid when published. The report also contains information provided to PCIPL by third parties. The source of such information will usually be disclosed in the report. Whilst PCIPL has taken all reasonable steps to ensure that this information is correct, PCIPL does not offer any warranty as to the accuracy or completeness of such information. Any person placing reliance on the report to undertake trading does so entirely at his or her own risk and PCIPL does not accept any liability as a result. Securities and Derivatives markets may be subject to rapid and unexpected price movements and past performance is not necessarily an indication of future performance.

This report does not regard the specific investment objectives, financial situation, and the particular needs of any specific person who may receive this report. Investors must undertake independent analysis with their own legal, tax, and financial advisors and reach their own conclusions regarding the appropriateness of investing in any securities or investment strategies discussed or recommended in this report and should understand that statements regarding future prospects may not be realised. Under no circumstances can it be used or considered as an offer to sell or as a solicitation of any offer to buy or sell the securities mentioned within it. The information contained in the research reports may have been taken from trade and statistical services and other sources, which PCIL believe is reliable. PhillipCapital (India) Pvt. Ltd. or any of its group/associate/affiliate companies do not guarantee that such information is accurate or complete and it should not be relied upon as such. Any opinions expressed reflect judgments at this date and are subject to change without notice.

Important: These disclosures and disclaimers must be read in conjunction with the research report of which it forms part. Receipt and use of the research report is subject to all aspects of these disclosures and disclaimers. Additional information about the issuers and securities discussed in this research report is available on request.

Certifications: The research analyst(s) who prepared this research report hereby certifies that the views expressed in this research report accurately reflect the research analyst's personal views about all of the subject issuers and/or securities, that the analyst(s) have no known conflict of interest and no part of the research analyst's compensation was, is, or will be, directly or indirectly, related to the specific views or recommendations contained in this research report.

Additional Disclosures of Interest:

Unless specifically mentioned in Point No. 9 below:

- 1. The Research Analyst(s), PCIL, or its associates or relatives of the Research Analyst does not have any financial interest in the company(ies) covered in this report.
- 2. The Research Analyst, PCIL or its associates or relatives of the Research Analyst affiliates collectively do not hold more than 1% of the securities of the company (ies)covered in this report as of the end of the month immediately preceding the distribution of the research report.
- 3. The Research Analyst, his/her associate, his/her relative, and PCIL, do not have any other material conflict of interest at the time of publication of this research report.
- 4. The Research Analyst, PCIL, and its associates have not received compensation for investment banking or merchant banking or brokerage services or for any other products or services from the company(ies) covered in this report, in the past twelve months.
- 5. The Research Analyst, PCIL or its associates have not managed or co-managed in the previous twelve months, a private or public offering of securities for the company (ies) covered in this report.
- 6. PCIL or its associates have not received compensation or other benefits from the company(ies) covered in this report or from any third party, in connection with the research report.
- 7. The Research Analyst has not served as an Officer, Director, or employee of the company (ies) covered in the Research report.
- 8. The Research Analyst and PCIL has not been engaged in market making activity for the company(ies) covered in the Research report.
- 9. Details of PCIL, Research Analyst and its associates pertaining to the companies covered in the Research report:

Sr. no.	Particulars	Yes/No
1	Whether compensation has been received from the company(ies) covered in the Research report in the past 12 months for	No
	investment banking transaction by PCIL	
2	Whether Research Analyst, PCIL or its associates or relatives of the Research Analyst affiliates collectively hold more than 1% of the	No
	company(ies) covered in the Research report	
3	Whether compensation has been received by PCIL or its associates from the company(ies) covered in the Research report	No
4	PCIL or its affiliates have managed or co-managed in the previous twelve months a private or public offering of securities for the	No
	company(ies) covered in the Research report	
5	Research Analyst, his associate, PCIL or its associates have received compensation for investment banking or merchant banking or	No
	brokerage services or for any other products or services from the company(ies) covered in the Research report, in the last twelve	
	months	

Independence: PhillipCapital (India) Pvt. Ltd. has not had an investment banking relationship with, and has not received any compensation for investment banking services from, the subject issuers in the past twelve (12) months, and PhillipCapital (India) Pvt. Ltd does not anticipate receiving or intend to seek compensation for investment banking services from the subject issuers in the next three (3) months. PhillipCapital (India) Pvt. Ltd is not a market maker in the securities mentioned in this research report, although it, or its affiliates/employees, may have positions in, purchase or sell, or be materially interested in any of the securities covered in the report.

Suitability and Risks: This research report is for informational purposes only and is not tailored to the specific investment objectives, financial situation or particular requirements of any individual recipient hereof. Certain securities may give rise to substantial risks and may not be suitable for certain investors. Each investor must make its own determination as to the appropriateness of any securities referred to in this research report based upon the legal, tax and accounting considerations applicable to such investor and its own investment objectives or strategy, its financial situation and its investing experience. The value of any security may be positively or adversely affected by changes in foreign exchange or interest rates, as well as by other financial, economic, or political factors. Past performance is not necessarily indicative of future performance or results.



PATANJALI PLANT VISIT UPDATE

Sources, Completeness and Accuracy: The material herein is based upon information obtained from sources that PCIPL and the research analyst believe to be reliable, but neither PCIPL nor the research analyst represents or guarantees that the information contained herein is accurate or complete and it should not be relied upon as such. Opinions expressed herein are current opinions as of the date appearing on this material, and are subject to change without notice. Furthermore, PCIPL is under no obligation to update or keep the information current. Without limiting any of the foregoing, in no event shall PCIL, any of its affiliates/employees or any third party involved in, or related to computing or compiling the information have any liability for any damages of any kind including but not limited to any direct or consequential loss or damage, however arising, from the use of this document.

Copyright: The copyright in this research report belongs exclusively to PCIPL. All rights are reserved. Any unauthorised use or disclosure is prohibited. No reprinting or reproduction, in whole or in part, is permitted without the PCIPL's prior consent, except that a recipient may reprint it for internal circulation only and only if it is reprinted in its entirety.

Caution: Risk of loss in trading/investment can be substantial and even more than the amount / margin given by you. The recipient should carefully consider whether trading/investment is appropriate for the recipient in light of the recipient's experience, objectives, financial resources and other relevant circumstances. PCIPL and any of its employees, directors, associates, group entities, or affiliates shall not be liable for losses, if any, incurred by the recipient. The recipient is further cautioned that trading/investments in financial markets are subject to market risks and are advised to seek trading/investment advice before investing. There is no guarantee/assurance as to returns or profits or capital protection or appreciation. PCIPL and any of its employees, directors, associates, group entities, group entities, affiliates are not inducing the recipient for trading/investing in the financial market(s). Trading/Investment decision is the sole responsibility of the recipient.

For U.S. persons only: This research report is a product of PhillipCapital (India) Pvt Ltd., which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S.-regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances, and trading securities held by a research analyst account.

This report is intended for distribution by PhillipCapital (India) Pvt Ltd. only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by the U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated, and/or transmitted onward to any U.S. person, which is not a Major Institutional Investor.

In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors, PhillipCapital (India) Pvt Ltd. has entered into an agreement with a U.S. registered broker-dealer, Decker & Co, LLC. Transactions in securities discussed in this research report should be effected through Decker & Co, LLC or another U.S. registered broker dealer.

If Distribution is to Australian Investors

This report is produced by PhillipCapital (India) Pvt Ltd and is being distributed in Australia by Phillip Capital Limited (Australian Financial Services Licence No. 246827).

This report contains general securities advice and does not take into account your personal objectives, situation and needs. Please read the Disclosures and Disclaimers set out above. By receiving or reading this report, you agree to be bound by the terms and limitations set out above. Any failure to comply with these terms and limitations may constitute a violation of law. This report has been provided to you for personal use only and shall not be reproduced, distributed or published by you in whole or in part, for any purpose. If you have received this report by mistake, please delete or destroy it, and notify the sender immediately.

PhillipCapital (India) Pvt. Ltd.

Registered office: No. 1, 18th Floor, Urmi Estate, 95 Ganpatrao Kadam Marg, Lower Parel West, Mumbai 400013