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AGRI INPUT INDUSTRY OVERVIEW





GLOBAL SCENARIO





Global Mega Trends

Rising Food Demand

- Global Food demand to increase 1.5x by 2030
- Changing dietary patterns, especially in developing countries

Limited Resources

- Limited land and labor availability
- Degradation of soil quality

High volatility in food prices with an upward trend

• Global staple food prices have doubled as compared with 2000 levels

Innovation to drive productivity

- Commercial and small farm productivity increases to drive supply growth
- Innovation in inputs technology to drive supply

Increased Value Chain Coordination

 Coordination across value chain – improve farm extension, market linkage, infrastructure





World N, P, K Fertilizer Market

"N" World Market





"N" Market is 108 Million MT





Global Fertiliser Industry:

 India and China account for 40% of global consumption

Bulk availability of nutrient fertilisers is concentrated in certain regions

- •'N' nutrient in Middle East, USA & FSU
- •'P' nutrient in North/West Africa, USA & Jordan
- K' nutrient in Canada, FSU & Middle East

"P" World Market





Million tons Nutrient

Source: IFA





DAP – Global Production & Trade

10 year CAGR Production 2.9% Exports MM tons 1.6% 35 33 33 31 26 16 15 14 14 10 2008 2009 2010 2011 2012 Production Trade

Global production & trade of DAP have increased China, Saudi Arabia & Morocco account for all production increases



INDIAN SCENARIO

India's crop productivity is low by coromandel global standards - needs to increase to meet demand







Positive factor: Irrigated Area in India has been steadily increasing



The overall net irrigated area a percent of net cropped area has increased from 34% in the early 1990s to 45% in 2011



000' hectares

Positive factor: Cropping Intensity has also steadily increased



Cropping intensity has gone up from 118% in early 1970s to 140% in FY11. A continuation of this trend is likely to push up demand for fertilizers.



India's nutrient application rates without the have to increase to improve productivity



India's Nutrient consumption (Kg/Ha) is lower than countries like China (396), Bangladesh (204) and Pakistan (184).





Long-term demand drivers and fundamentals are strong in India

- Population growth, urbanization and resulting food demand will be primary growth drivers
 - Population growth
 - Urbanization and higher income levels
 - Changing dietary mix
 - Impact of Food Security Bill
- Nutrient application rates will have to increase from current levels to sustain supply response to demand
- Cropping intensity, irrigation and other agricultural factors are improving



Fertiliser Subsidy Policy



Phosphatics decontrolled Nutrient Based Subsidy (NBS) policy effective from April1,2010. The Salient features of NBS policy are:

- Policy applicable for P&K fertilisers only and not for Urea
- Subsidy is fixed based on the import prices of various nutrients adjusted for the MRP. "P" based on DAP, "N" based on Urea and "K" based on Potash and "S" based on Sulphur
- Under the NBS Policy MRP/Farmgate prices has been decontrolled Companies are free to set the price
- The subsidy is announced for the year and any increase / decrease in cost of inputs will have to be addressed by companies through change in farm gate prices – Fixed subsidy & variable farmgate prices

Subsidy	-	Rs.	Per	Kg
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Nutrient	2010-11	2011-12	2012-13	2013-14	2014-15
N	23.227	27.153	24.000	20.875	20.875
Р	26.276	32.338	21.804	18.679	18.679
К	24.487	26.756	24.000	18.833	15.500
S	1.784	1.677	1.677	1.677	1.677

Lower subsidy component...



Subsidy as percentage of Total Realization

Farmgate as percentage of Total Realization



Rs. Cr	11-12	12-13	13-14	14-15	YoY Growth %
Imported (Urea) fertilisers	13,883	13,398	15,544	12,300	(20.87)%
Indigenous (Urea) fertilisers	19,108	19,000	21,000	31,000	47.62%
Sale of decontrolled fertilizer with cons.	34,208	28,576	29,428	24,670	(16.17)%
Total Fertiliser Subsidy (B)	67,199	60,974	65,972	67,970	3.03%

Share of farm gate price of Complex Fertilizers in total realization has increased and the share of subsidy has decreased.









... resulted in Stable MRP..





Rs per MT





...which aided by lower imports resulted in depleting inventory and consumption revival...

DAP + COMPLEX: PRODUCTION + IMPORT



Stable exchange rate and raw material prices, combined with good monsoon and a sharp decline in imports led to reduction in pipeline inventory of DAP and complex products

....Urea Demand has remained stable due to high levels of subsidy ...



MOP SUPPLY & DEMAND

295 302 304 2011-12 2012-13 2013-14 Sale

Lac MT

Coromande







...and negatively impacted N-P-K application ratios in recent years







Current market Update

- 2013-14 Indian food grain output estimated at 263 million tons
- MSPs for all key crops continue to remain high
- Reservoir storage levels are good 57 out of 85 reservoirs with storage more than

last 10 years average

• IMD forecast for SW monsoon – expected to be 95% of LPA due to El Nino effect





COMPANY PROFILE





Coromandel - Snapshot





Key Facts :

- Turnover: Rs.10,053 Cr
- Market Cap: Rs. 6350 Cr
- Strong credit rating: 'AA +' (Stable outlook)' with CRISIL India
- Employees: 2712
- International Linkages: FOSKOR,GCT, CANPOTEX, SQM, GETAX , QAFCO, ICL, Phoschem, OCP, YANMAR etc
- International Market Serviced: Latin America, Africa, China, South East Asia, Middle east



Business Structure







Non subsidy EBITDA share has steadily improved from 23% in FY08-09 to 36% in FY13-14



Growth through acquisitions and JVs

	2003	2004	2006 & 2007	2008	2009 & 2010	2011	2013	2014
Complex Fertilizers	Demerge d fert. Biz from EID Parry			GFCL Acq 1.5 MM tons				
SSP							Liberty Group 1MM ton SSP Capacity	
Crop Protection			FICOM Acq		Acq of Jammu unit	Sabero Acq		
Others / JVs		BAA with FOSKOR	TIFERT JV		JV with SQM		APGPCL 15 MW	JV with Yanmar and Mitusi







Coromandel's Fertilisers Business







Coromandel Fertiliser Business Growth Story



Global Strategic Alliances



State of The Art Manufacturing Facilities coromander

- Plants are strategically located in highly irrigated southern Indian states and in heart of fertilizer consumption market – low freight cost
- Plant Facilities State of art with good infrastructure support and robust systems
- Phosphate lowest cost manufacturer in India
- Captive jetty at Vizag, Own storage tanks and pipeline for raw materials: Ammonia & molten sulphur (Vizag & Ennore) - Lower handling and associated costs
- Captive power plants at Vizag & Ennore

 saves power costs
- Captive desalination plants at Ennore ensure water supply at low cost

- High capacity utilisation levels & continuous modernisation of facilities
- Backward integration into manufacturing the intermediate phosphoric acid from rock





Coromandel – Lowest cost producer of complex fertiliser in the country

Cost Leadership

Visak Plant

Captive Phos Acid

- Continuous de-bottle necking to increase production levels
- Value gap imported Vs own acid
- Increased Gypsum generation
- Use of various sources /grades of rocks
- New belt filter technology- to use low grade rocks

Sulphuric Acid

- Consistent production performance operating at 100% + capacity
- Air pre heater technology Total avoidance of LSHS/Furnace oil
- Increased Power generation

Logistic Cost

• Ex Plant Deliveries – minimizing freight cost

Kakinada Plant

Very High Efficiency

• N - 99% P - 98% K - 94%

Low Conversion Cost

- Availability of Natural Gas
- Increased through put of all trains

Logistic Cost

 Increased rail dispatches – minimizing freight cost to be in line with subsidy





Visak Production (Lac Mt)



Kakinada Production (Lac Mt)





Marketing Network



Specialty Nutrient Business







SPECIALITY NUTRIENTS DIVISION (SND)






Sulphur and WSF Business



SND Strategy



- Provide value-added services and relevant crop technologies
- Customer lock-in with the superior benefit-cost ratio
- Continuous innovation to introduce customized products suitable to soil,

region and crop requirements - promotion around Complete Nutrition Package

- Leverage SQM to bring global best practices in crop nutrition management
- WSF exploiting linkages with drip irrigation for future growth
- Established independent & specialized marketing teams to reach target

market



SND & Organic Fertiliser Business coromandel

Sulfur Products

- Strong growth in Sulfur products in FY14
- Continues to be the market leader despite adverse market conditions

WSF

- Both WSF and Sulfur markets continue to show accelerated growth and their markets are expected to grow at CAGR of 20%
- Increased customer focus introducing crop & soil specific grades

Organic Fertiliser

- Focus on stabilizing supply chain for organic fertilizer procurement
- Retail sales of Organic fertilizer showing strong growth
 With the strong growth
 With the strong growth
 With the strong growth





Crop Protection Business





Crop Protection business - Coromandel c

- Wider range of Technicals \bullet 2011 **Increased Global presence and** registration 2010 **Sabero Acquisition** Strong distribution with own retail **Acquired Pasura Bio** outlets Tech – Jammu Unit 2009 П 2006 **Expansion to Latin** America Acquisition of **FICOM and setting** 1990's up Jammu Unit I **Acquired pesticides** unit of BPM
- murugappa



Crop Protection Strategy



Increased R&D focus – plan to start a R&D center for crop protection

business in Hyderabad

Gromor Suraksha – Umbrella brand for CPC launched and well accepted by

farmers

Expand business in LATAM, Africa and APAC by leveraging strong

registration portfolio - 45% growth in combined export turnover in FY14

- Merger of Sabero organics expected to be completed in Q3 2014-15
- Synergies expected to crystalize from combined exports and domestic



operations

Update on Sabero



(Rs. Cr)	10-1	1	11-12	12-13	13-14
Turnover	4	13	35	8 515	724
EBITDA (before E/O Items)		41	(6) 53	77
E/O Items	((2)	(28	3) (2)	_
EBITDA Reported		39	3	4 51	77
РВТ		17	(77	') 8	34
ΡΑΤ	11		(64) 8	32
% of TO	10-11		11-12	12-13	13-14
Domestic	45%		48%	41%	38%
Exports	55%		52%	59%	62%

- Increased production & Sales volumes currently operating at ~70% of capacity
- Focus on sustaining & improving EBITDA margin from current levels





Initiatives

Operational Initiatives

- Expansion of technical plant capacity at Ankleshwar
- Export to more countries & increase the reach
- Focusing on high margin super specialities
- Leveraging on retail network in AP & Accelerated growth plan in all states

Strategic Initiatives

- Acquired Sabero Organics
- Co-Marketing with MNCs Access to new molecules – Tie up with BASF, Syngenta, Dupont
- R&D Initiatives & registraton capabilities
- Alternate sourcing from China
- New Products Introduction
- Foray into Latin American market Set up office in Brazil

Jammu



Ranipet





Mana Gromor Centers (MGCs) - Retail





45

Retail Strategy



- Positioning Retail as a complete "Farming Solutions" platform
- Constantly deliver significantly improved customer value proposition than competition in terms of products & services
- Expand connect with farmers and provide technical advise based on proven scientific practices
- Ring-fence markets in core addressable areas





Retail Business Overview

• 600 centers in Andhra Pradesh and 200 centers in Karnataka- servicing more than 2 million farmers



Financial Performance





Consolidated Financial Performance Coromandel

09-10

10-11

Turnover (Rs. Cr)

EBIDTA (Rs. Cr) & EBIDTA %









11-12

12-13

13-14

Income Statement - Consolidated Coromande



Amount in Rs. Cr	FY2010	FY2011	FY2012	FY2013	FY 2014
Revenue before PY subsidy	6,191	7,410	9,855	8,925	10,018
YoY (Growth)	-34.29%	19.69%	33.00%	-9.44%	12.25%
EBITDA before PY Subsidy	507	829	1,008	659	770
EBITDA %	8.19%	11.18%	10.23%	7.38%	7.69%
PY Subsidy	262	227	46	109	35
EBITDA Reported	769	1,056	1,054	768	805
Extra-ordinary income / (expense)	-	-	(36)	-	(13)
PBT	709	986	911	557	517
ΡΑΤ	468	694	639	432	357
	400	0,04	005	452	557
EPS (Rs.) –Basic	16.7	24.6	24.2	15.3	12.6
Debt / Total Capital (%)	56.48%	44.41%	58.98%	63.04%	48.81%
LT Debt / Total Capital (%)	5.83%	9.57%	13.25%	25.15%	11.62%



Balance sheet - Consolidated

Amount in Rs. Cr	FY2010	FY2011	FY2012	FY2013	FY 2014
Equity	1,502	1,957	2,416	2,303	2,307
Debt & Other LT liabilities	2,047	1,664	2,977	2,976	1,873
Deferred Tax Liability	86	82	67	188	189
<u>Sources of Funds</u>	3,634	3,702	5,461	5,466	4,369
NFA	958	1,143	1,823	2,276	1,808
Investments	169	171	149	160	342
Cash/ICD	961	961	1,255	935	757
Bonds	860	430	-	-	-
Inventory	926	1,514	1,922	1,478	1,753
Subsidy	508	969	1,626	1,376	1,112
Debtors	140	205	958	1,820	1,483
Other CA	115	149	233	368	349
CL	1,003	1,839	2,504	2,945	3,236
Net CA	2,508	2,389	3,489	3,030	2,218
Application of Funds	3,634	3,702	5,461	5,466	4,369



THANK YOU

