



## **Investor Presentation**

Motilal Oswal



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## Agriculture Trends: Global & India



### Global: Increasing population and wealth to drive up global food consumption Coromar



India, Africa, South East Asia and Australia emerging as new food bowls



Note: Industrial countries include North America, Western Europe & ANZ; Transition Counties include Eastern Europe & Russia Source: FAOSTAT; BCG analysis

#### Global agri trend: Rising consumption & resource exhaustion (Natural resource Pressure) Coroman



#### Pressure on improving the agri productivity



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## India: A decade of accelerated growth ...

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Note: Forecasts by International Monetary Fund, Oxford Economics, The Economist Intelligence Unit, OECD, The World Bank & Reserve Bank of India Source: Oxford economics

# India: ... with unparalleled value creation in Agri sector over the next 10 years in India



## India: The opportunity and imperative for value creation in Agri sector over the next 10 years are large...





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Mega Growth Opportunities for bridging the productivity gaps

## 8 global agri trends : Impact on India



## Rising pressure on natural resources



Pressure on natural resources is driving greater push towards **micro-irrigation** in India

#### Changing dietary preferences



Dietary patterns are evolving as demand for fruits, vegetables & pulses continues to grow at 6-8% CAGR v/s cereals (1%)

#### Continued importance to Political economy



Additional Government interventions in the form of higher MSP and Direct Benefit Transfer to support farmers

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## Rise of digital farmers



**Increasing mobile penetration** to provide unique opportunity to use personalization to build deep farmer connect

## Evolution of farm holdings



Declining avg. farm holding (87% of India farmers hold <2 Ha) is adding pressure on farm productivity

Farm

Tech advancements

**Data-driven agriculture and** 

Precision farming are changing

the landscape of agri today & will

continue to do so in the future

#### Farm labor shortages



Decreasing labour availability is driving 10% p.a. rise in cultivation cost of major crops

Evolution of logistics



Logistics sector is evolving in India with **42 mega Food Parks** planned across the country

## Trends opening up significant opportunities for Agri cos



- Balanced plant nutrition Improved Ag input penetration
- **Specialized nutrients** F&V, pulses with changing dietary preferences
- Precision farming / ag tech holistic agri solution of the future
- Micro-irrigation Agri-input delivery models will change
- Digital presents a great opportunity to drive personalization & farmer connect
- Continued emphasis on improving farm productivity; shared service models for mechanization to gain prominence



**COVID - Accelerated these trends** 







## Agriculture under COVID



## Agriculture under COVID



- Agriculture Sweet Spot
  - 3.4% GVA growth
  - Record food grain (303 mil, +2%) & horticulture (327 mil, +1%)
- **Higher Rural spending** : Rs 7.3 lakh Cr (Rs 4.4 lakh cr in FY20)
  - MNREGA, Social Assistance Programs
- Record Govt procurement under MSP
  - Wheat/Paddy : +14% volume growth
- Impetus on Agri exports: Rs 2.7 lakh cr (+18%)
  - Cereals Rs. 0.6 lakh cr (+50%)
  - Organic exports: Rs 7078 cr (+51%)
- Farm Mechanization & AgTech: Covid push
  Tractor sales (FY21: +28%)







Agriculture in FY22



#### • 11<sup>th</sup> consecutive monthly rise in Food Price Index

- Highest level since May 2014
  - Growth led by Vegetable Oil and Cereals
  - Lower output & fall in inventory levels
  - Stockpiling by China
- Normal monsoon forecast for 2021
  - 98% of Long period avg
  - High rainfall TG, Kar, Vidarbha, MP
  - On time arrival May 31 (Kerala)
- Good reservoir levels South & West
- **Summer crops**: Sowing up +21%

## Positive Agri Sentiments continuing in FY22

#### **FAO Food Price Index**



#### SW Monsoon Forecast - IMD



## FY22: Firming Raw material prices – Nov'20 onwards







Sulphur



- **Commodity Boom -** RM prices firming up
  - High demand in 4 key markets: China, Brazil, US, India
  - Tight availability Plant turnaround Ammonia, Sulphuric Acid
  - Container availability & charges



#### Supply security – Alternate Sources & Backward integration



#### Nutrient rates (Rs/kg)

	N	Ρ	К	S
20-21	18.789	14.888	10.116	2.374
21-22	18.789	45.323	10.116	2.374
21 22	10.709	73.323	10.110	2.374
% chg	0%	204%	0%	0%

- Significant correction in subsidy rates for 'P' based fertilisers
- Budgetary allocation under NBS increased by +71%

Disbursement of Additional **Rs. 65,000** Crs. in Q4FY21



**Mitigation by Govt support through NBS revision** 





#### Phosphatic fertiliser – Industry Sales (mil tons)



#### <u>CAGR</u>

#### Higher nutrient consumption led by:

- Increased area under assured irrigation
- Direct Income Support
- Balanced nutrition Agronomists
  - Soil Health
  - Increase usage by Crops F&V, Pulses, Oilseeds

Industry growing at 6% cagr – Led by NPKs



#### **Coromandel largest NPK player in India**

## Phosphatics (DAP/NPK): Supply scenario



Phosphatic supplies - in mil tons



#### **Need for Atmanirbharta in NPKs**

- Basic Custom Duty in RMs
- GST in Ammonia & Sulphuric acid
- Supporting JVs in RM rich nations
- PLI for domestic manufacturers

- Domestic industry operating at 80-85% capacity
- Imports constituting 25-30% of sales



#### Coromandel constituting ~22% of the domestic capacity



- India's total Phos Acid demand: 4.2-4.5 mil tons
- Out of the tradable ~4.5 mil ton Phos Acid available globally,
  India consumes >50%
- At current operating levels, India needs to secure supplies of ~1.3 mil tons – Spot/ LT

Industry focusing on:

- Domestic capacity expansion
- Overseas JVs in resource rich geographies







### **Coromandel: Backward Integration – Vizag & Ennore – Value addition**

### TRANSFORMING AGRICULTURE CHANGING LIVES

For over five decades, we at Coromandel International Limited have been building viable crop solutions to make agriculture prosperous and sustainable.

We believe in harnessing the power of technology to harvest prosperity for our farmers. We are here to usher the next agri-renaissance. Coromandel: Transforming Indian Agriculture



## Coromandel: a strong, responsible company

#### **Key Facts :**

- Turnover: Rs. 142 billion (FY20-21)
- Market Cap: Rs. 216 billion (Apr 2021)
- Strong credit rating: 'AA +' (Stable outlook)' with CRISIL India
- Zero long term debt
- ~4500 employees & ~7500 contract staff





## Coromandel: India footprint



## Coromandel: Global footprint & collaborations





 $\star$  Crop Protection global subsidiaries

#### Highly diversified sourcing

- Significant market presence in International markets
- Technology tie ups with global majors like Shell

 Farm Mechanization JV with Yanmar, Japan



## Coromandel: A 'Farmer First' winning business model

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Eight key elements of our Strategy to capture the India Ag opportunity & deliver consistent value...



Become a player of scale

## Moving from Grades to Brands

## Brand (not grades)

critical for farmers (fert. / non fert.)

 66% respondents said "brand availability" was one of top factors driving purchase

## Selective in adoption of Specialty/ New Gen

products - short-term cost focus

Still willing to invest for high value crops to generate higher returns



MY GROMOR - ALWAYS WITH MI







## Leveraging Technology for Farmer Prosperity





~50,000 soil tests carried out annually



Farm advisory through Scientists' panel



Gromor Nutrient Manager based nutrients recommendations



Hiring Farm machinery through Custom Hiring Centers



Developing superior delivery mechanisms - Injectables



**E kiosks** for improving reach & product delivery



## Coromandel: Track record of sustained financial performance









\*Fertilizer revenue subject to commodity price movement and subsidy policies









# The 1<sup>st</sup> Green Revolution driven by Agri-inputs

The 2<sup>nd</sup> Green Revolution to be powered by superior

Achieving self-sufficiency in food grains

products, smarter delivery mechanisms & agri-tech

Achieving Income Security and Farm Sustainability

## **Coromandel**.....Bringing Smiles to the Farmers









Corporate Office: Coromandel International Ltd., Coromandel House, 1-2-10, SP Road Secunderabad, Telangana 500003



For Investor Relations, contact: Ms Jayashree Satagopan JayashreeSatagopan@coromandel.murugappa.com Mr Saurabh Jain JainS1@coromandel.murugappa.com Phone no: 040 6699-7300