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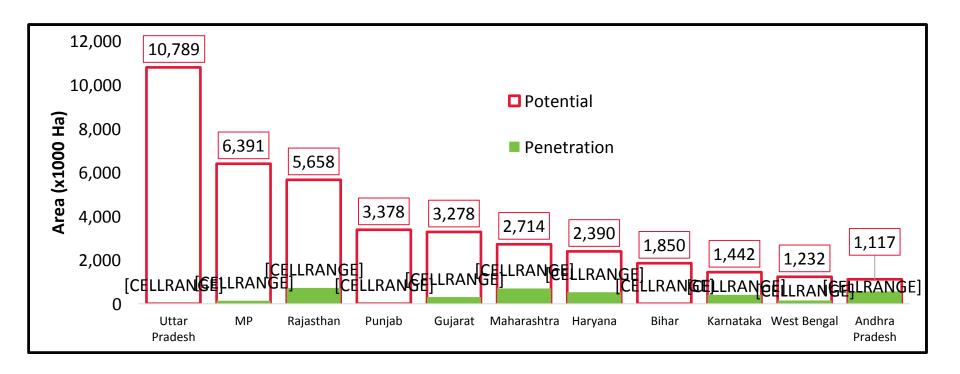
# **Micro Irrigation Industry**

#### **Need for Micro Irrigation**

- India a water stressed economy; will be water scarce by 2050
- 70% of the water available used for agriculture
- Need for water efficient methods of irrigation
- Benefits of Micro Irrigation:
  - Water saving: 30% 40%;
  - Labour saving: 30% 50%;
  - Power saving: 20% 40%;
  - Fertilizer & Nutrition saving: 30%
  - Productivity improvement: 10% 30%.

### **Industry Size & Opportunity**

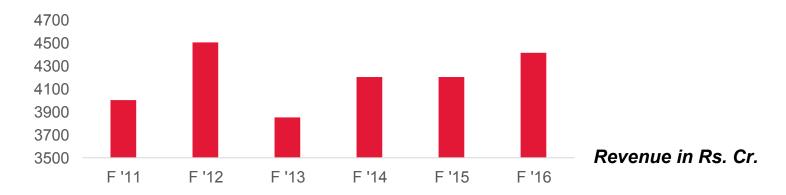
- Strong potential for growth
  - Almost 60% of cultivable land is still Rain fed in India.
  - 70 million Hectare Irrigated; Only 7.7 Million is under MIS



Source: Raman 2010

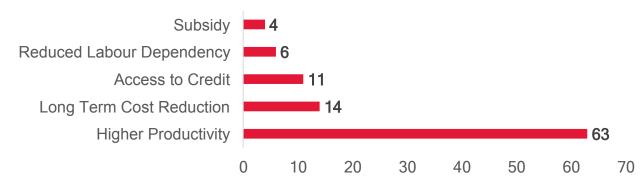
#### **Industry Size & Opportunity**

Industry showing early signs of growth



#### Strong Customer Pull

Reasons for Micro Irrigation Purchase



Source: AlphaWise

### **Industry Size & Opportunity**

- Industry becoming more structured & streamlined
  - Gujarat & AP Project markets; use Tripartite agreements
  - Use of IT to streamline 'application to subsidy disbursal'
     cycle
- Bank support
  - Banks Financing MIS systems aggressively
  - SBI, DENA, ICICI & IDBI initiators
  - Loan availability has increased business potential

#### **EPC Industriè Itd.**

- Pioneered Micro-Irrigation Systems (MIS) in India in 1986
- Registered in 15 states under subsidy program in India
- More than 900 channel partners; 18 regional offices
- M & M Ltd. holds majority stake & Management Control

#### Revenue



#### **Strong All India Network**



- Open Markets
- Project Markets\*
- Newly Opened Markets

### **Product & Service Portfolio**

### Strong Presence in Various segments

Drip irrigation System: Targeted, intelligent application of water, fertilizer, and chemicals directly to the plant roots



 Sprinkler Irrigation System: Suitable for modern farming as they offer quality, high yield and cost efficiency



#### **Product Portfolio**

- Superior Product Quality
- Good Brand Equity in Indian market
- All the products comply to Indian Standards

### **Product Portfolio: Drip Irrigation**

Online Drippers



- Inline Drippers
  - Round Inline drippers



Flat Inline drippers



Irrigation laterals



### **Product Portfolio: Drip Irrigation**

Drip Fittings



Drip Filters



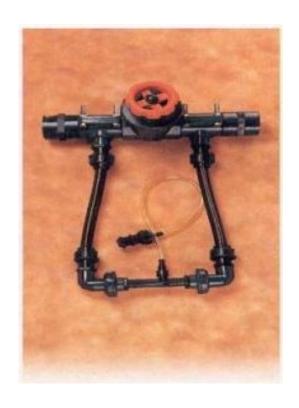


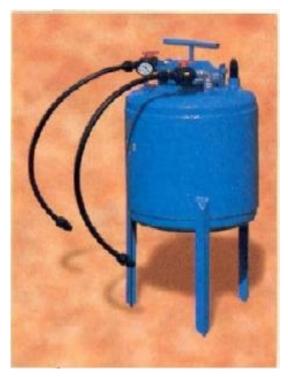


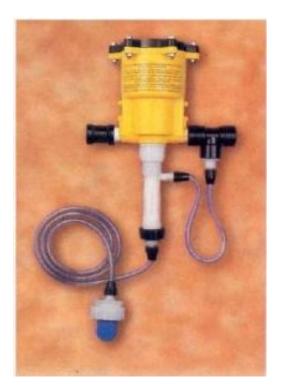


### **Product Portfolio: Drip Irrigation**

Fertigation Equipment







### **Product Portfolio: Sprinkler Irrigation**

Sprinkler Irrigation pipes



Pipe fittings







Sprinkler Nozzles





#### Field Services

- Survey: Surveys of individual farms to collect data on crops to be irrigated, its water & fertilizer requirements and agronomical practices to be followed
- Design: Complete designing of drip / sprinkler Irrigation layouts for individual farms as well as for large plantation projects
- Installation & Commissioning: Installation & commissioning of micro-irrigation (drip & sprinkler) systems by trained and experienced team

#### **Field Services**

- Agronomy service
- Demo Plots to explain & establish best practices
- Soil and water testing
- Crop Suitability recommendation
- Fertigation & Irrigation schedules as per crop need
- Farmer & Dealer training for
  - Operation & maintenance of irrigation systems
  - Fertigation
  - Suitable chemical treatments

#### **Field Services**





Agronomy training

**Demo Plots** 

# Sales & Marketing

### Sales & Marketing



**Farmers Training Program** 



**Rural Exhibition Participation** 



**Van Campaign** 

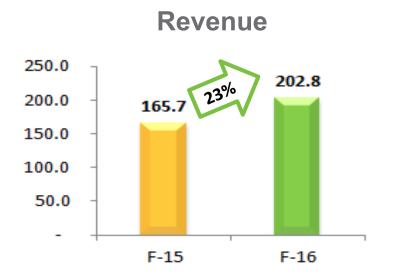


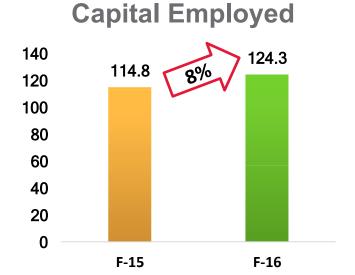
**Demo Plot** 

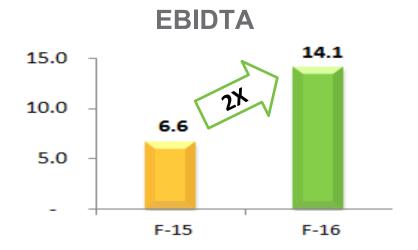


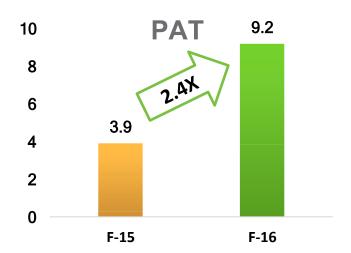
### **Financial Performance F-16**

#### Performance at Glance: F16 Figures in Rs. Cr.







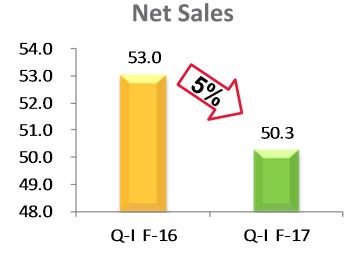


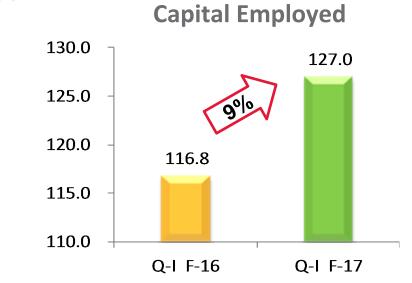


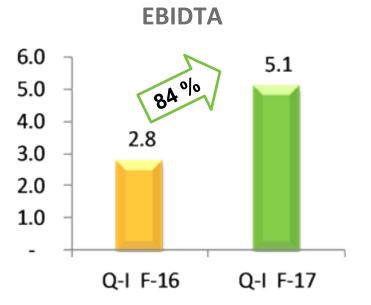
#### **Financial Performance for Q-I F-17**

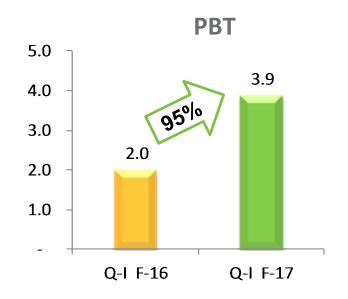
# Performance Snap Shot Ouarter - I











# **Key Initiatives**

# Customer Centricity: Enabling increased customer reach



Agri Helpline

#### **New Allied Businesses**







Greenhouse

**Pumps** 

### Reducing Subsidy Dependence



**Large Community Projects** 



Landscaping



**Exports** 

# The Mahindra Group

### The Mahindra Group

- Founded in 1945 as a steel trading company
- Diversified into manufacturing Willy's jeeps
- India's 7<sup>th</sup> Largest Group From Automotive to Defense to Construction to IT to Agriculture
- Recognized as a global leader in Utility
   Vehicles and Tractors
- More than 120,000 people across 110 subsidiaries, 6 JVs and 11 Associates, in more than 100 countries







K.C. Mahindra



#### Mahindra Rise: House of Mahindra

#### **CORE PURPOSE**

"We will challenge conventional thinking and innovatively use all our resources to drive positive change in the lives of our stakeholders and communities across the world, to enable them to Rise."

Accepting No Limits

Alternative Thinking

Driving Positive Change

CORE VALUES: Good Corporate Citizenship | Professionalism | Customer First | Quality Focus |
Dignity of the Individual

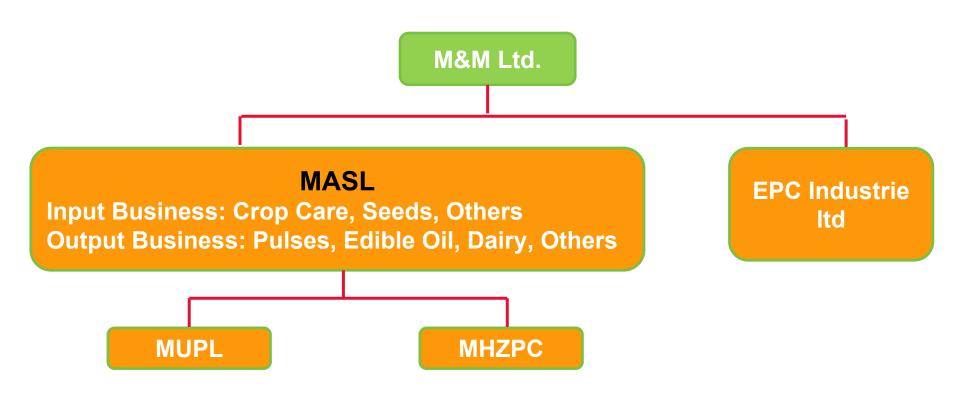
# Mahindra Agri Business

### **BHAG: Big Hairy Audacious Goal**

# Deliver FarmTech Prosperity

We will deliver Farm Tech Prosperity through a variety of existing and new agri initiatives to impact the lives of farmers enabling them to RISE

#### **Business Structure**



### Thank you

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