



**INDIAN FARMERS FERTILISER COOPERATIVE LIMITED
PARADEEP UNIT**

Date: 10.02.2024

Sub: National Productivity Week, 12th to 18th February 2024

Dear Colleagues,

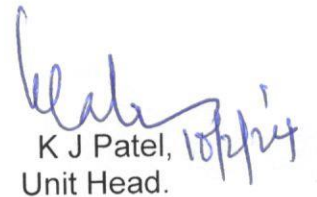
We feel proud to be part of India's largest integrated phosphatic fertiliser complex at Paradeep, which contributes about 16.04% of phosphatic fertiliser production in India during FY 2022-23. This year we have achieved 18.30 lakh MT fertiliser production so far and we are expecting to cross 20.31 Lakh MT production (106% of design capacity) despite dispatch limitation due to constraints in rake availability and raw material limitation. This year, we have achieved various production accomplishments by surpassing previous records with exceptional "per employee productivity" figures.

Achievement	Production (MT)	Month	Productivity Per employee
Highest ever monthly bulk fertilizer production	2,29,200 @ 7394 MTPD	December 2023	194.07
Highest ever monthly DAP (18:46:00) production	1,95,550	January 2024	165.58
Highest ever monthly Phosphoric acid production	91,250 @ 2,944 MTPD	January 2024	77.27
Highest ever monthly Bulk fertiliser despatch	2,20,279 @7,106 MTPD	January 2024	186.52
Highest ever monthly P2O5 output in bulk fertiliser	94,293	January 2024	79.84
Highest ever monthly strong Phosphoric acid production	63,666 @2054 MTPD	January 2024	53.91

Such outstanding achievement would not have been possible without the sincere and dedicated efforts of all of you. To increase awareness about productivity among employees, we are celebrating the “National Productivity Week” from 12th to 18th February every year. The theme of Productivity Week-2024 is “**Artificial Intelligence (AI) – Productivity Engine for Economic Growth**”.

As we continue to strive for excellence in our operations, there is potential to improve our productivity by integration of Artificial Intelligence (AI) in our processes. By using AI, we can analyze vast amounts of data, optimize resource allocation, and streamline various aspects of our production cycle. AI algorithms can analyze sensor data to predict equipment failures, enabling preventative maintenance, so that downtime can be reduced. Similarly, AI-powered robots perform tasks like welding, assembly, and painting with increased precision and speed. We can also use AI-powered vision systems to inspect products for defects with high accuracy, minimizing human error and waste. We can also monitor energy consumption patterns and adjust in real time for energy conservation by using AI. This not only aligns with our commitment to sustainability but also positions us as pioneers in responsible manufacturing practices. I request all members of IFFCO Paradeep to work on AI technologies to enhance our productivity further.

It's my earnest request to every member of Paradeep Unit to inculcate a work culture of higher productivity in the fields of safety, environment, quality, energy conservation, and waste minimization, which will be set as new benchmarks for years to come.


K J Patel, 10/2/24
Unit Head.