



PHD CHAMBER
OF COMMERCE AND INDUSTRY
VOICE OF INDUSTRY AND TRADE

Sponsors



National Conclave on
**READINESS OF
AGRI INPUT**
Industry for Ensuring

FOOD
Security by
2047



26th February, 2024
PHD House, New Delhi

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India: An agriculture Powerhouse of the World

As a country, we are well-positioned thanks to a number of qualities. India is a natural multi-product agricultural powerhouse due to its diverse geography, climate, and soil. We grow more crops than any other nation. India has the highest cropping intensity globally. tiny-scale family farms in the nation engage in a distinctive form of mixed agri-horti-livestock farming, which is an affordable approach perfect for other developing countries with tiny farms. Over 50% of workers in India are employed in agriculture and related industries. The three main subsectors of India's agri-inputs industry are seeds, crop protection (pesticides), and crop nutrition (fertilisers). Because cash crops were prioritised during colonial rule as a source of raw materials for British businesses, Indian agriculture suffered from low productivity, particularly in food grains.

The advent of Green Revolution resulted in the substantial increase in production of food grains resulting from the use of High Yielding Varieties (HYVs) of seeds and the increased use of fertilisers, pesticides and irrigation facilities. The Green Revolution greatly increased food production through its reforms and went a long way toward eradicating poverty, especially among agricultural workers.



The world is suffering from Hunger & Malnutrition

Small farmers, herders, and fishermen produce about 70 percent of the global food supply, yet they are especially vulnerable to food insecurity. Poverty and hunger are most acute among rural populations. Conflict is responsible for eight of the 10 world's worst food crises, and nearly 60 percent of the world's hungriest people live in conflict zones. The number of people suffering acute food insecurity increased from 135 million in 2019 to 345 million in 82 countries by June 2022, as the war in Ukraine, supply chain disruptions, and the continued economic fallout of the COVID-19 pandemic pushed food prices to all-time high.

Green Revolution 2.0 is the need of the Hour

India requires a Green Revolution 2.0 to make agriculture more climate-resistant and sustainable. Indian agriculture has exhibited remarkable resilience during the COVID-19 period. Indian agriculture scaled new heights with record production of various food grains, commercial and horticultural crops, exhibiting resilience and ensuring food security during the pandemic.



Indian Agri- Input Sector has emerged as the Champion Sector for promoting trade

Agricultural Inputs Market is valued at USD 13,450.00 Million in the year 2021 and it is expected to reach USD 32,000.97 Million in 2030 at a CAGR of 10.11% over the forecast period of 2023 to 2030. The government, through various initiatives and agricultural policies, has aimed to promote the production and distribution of high-quality seeds, environmentally friendly pesticides, and balanced fertilizers. The focus has been on adopting advanced technologies, promoting research and development, and ensuring the availability of these essential agricultural inputs to farmers across the country. India's concerns about protecting its interests have grown as a result of the ongoing wars around Asia and Europe. Top exporters like China and Russia are limiting supplies, which is forcing India to build Agri-input infrastructure in order to become self-sufficient in the industry. Recently, the research and promotion of sustainable farming methods and nano fertilizers have been the main priorities of the Indian Agri-input sector. This could involve the manufacturing and marketing of organic insecticides, fertilizers, and other farming inputs that are beneficial to the environment. Indian agriculture has exhibited remarkable resilience during the COVID-19 period and Indian agriculture scaled new heights with record production of various food grains, commercial and horticultural crops, exhibiting resilience and ensuring food security during the pandemic.

About the Event

With the above background in mind and the keeping the importance of Agri Input sector as the main focus, PHD Chamber of Commerce and Industry is organizing National Conclave on Readiness of Agri Input Industry for Ensuring Food Security by 2047 on February 26, 2024 at PHD House, New Delhi. The program wishes to bring all the relevant stakeholders on one platform to discuss the scope of Agri input industry in helping achieve a future that has food for all. The event is anticipated to draw notable speakers and attendees from a range of Agri input sector firms & institutions. Additionally, the colloquium intends to highlight the unique challenges and opportunities the sector possesses in current time and to provide workable solutions

1 OBJECTIVES

- To understand the role of Agri inputs as the bridge between Hunger and Food Security
- To discuss how India emerging a colossus in the field of agrochemical exports
- To understand India's Promising Future in the Agri input Market
- Understanding the Opportunities and challenges of Agri- Input industry
- Challenges & prospects for Sustainable agrochemicals
- Good Agriculture Practices
- To understand the gaps between Productivity and Efficiency Measurement in Agriculture
- Addressing the challenges related agricultural dynamic changes in response to climate change
- Compliance with issues related to ESG (environment, social, and governance)
- To learn and focus on innovation to minimize pollution



2 KEY SESSIONS FOR THE CONCLAVE

- Ensuring food security in the twenty-first century by increasing agricultural production while conserving resources
- From Green Revolution to Amrit Kaal: Trends and challenges
- Crop protection for harvesting sufficient quality food
- The Role of Smart Farming in Sustainable Development
- Lessons from Green revolution and the road ahead for Green revolution 2.0

3 PARTICIPANTS

- Farmers/ Producers/ Agriculturists
- FPOs/FPCs/ Cooperatives/ SHGs/ SHG Federations/ Concerned NGOs
- Government Bodies/ State Enterprises
- Farmers and Agri Entrepreneurs
- Policymakers, Scientists & Academicians
- Agro & Food Industry
- Students from Agriculture institutes
- Start-Ups Manufacturer
- Industry representatives
- Panchayat representatives from nearby villages



ABOUT US PHDCCI

PHD Chamber of Commerce and Industry (PHDCCI) has been working as a catalyst for the promotion of Indian industry, trade and entrepreneurship for the past 118 years. It is a forward looking, proactive and dynamic PAN-India apex organization. As a partner in progress with industry and government, PHDCCI works at the grass roots level with strong national and international linkages for propelling progress, harmony and integrated development of the Indian economy.

PHDCCI, acting as the "Voice of Industry & Trade" reaching out to more than 1,50,000 large, medium and small industries, has forged ahead leveraging its legacy with the industry knowledge across multiple sectors to take Indian Economy to the next level.

At the global level, we have been working with the Embassies and High Commissions in India and overseas to bring in the International Best Practices and Business Opportunities.



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