

PRAKASH

Chemicals Agencies



ILLUMINATION

Issue : CIII | Volume 103 | Date : 25th April, 2023

www.pcaplindia.com

*Delivering Trust to the
world of chemistry*





✓ Blog of the month	-----	03 Page
✓ Celebrations	-----	04 Page
✓ Chem Expo 2023	-----	05 Page
✓ CSR activities	-----	06 Page
✓ Market update	-----	07 Page
✓ Moral Story	-----	08 Page
✓ Management tips	-----	09 Page
✓ Puzzle your mind	-----	10 Page

CHEMICAL FERTILIZER CONSUMPTION IN RECENT YEARS

BLOG
OF THE MONTH

Consumption of Fertilizers and Pesticides is assessed by multiple factors such as area of land under cultivation, the type of crop, cropping pattern and cropping intensity, soil type and its condition, agro-climatic conditions, the ability of farmers to purchase, irrigation, etc. The Department of Agriculture & Co-operation and farmers Welfare also carries out assessments to determine the need of Chemical Fertilizers- Urea (Nitrogen), DAP, MOP (Muriate of Potash), and NPKs (Nitrogen, Phosphorous, and Potassium) on a season-to-season basis.

A five-year trend in the average per hectare consumption of Fertilizers across states (in kg/hectare – kg/ha). According to this data, the average consumption of major Chemical Fertilizers at the national level was 135.76 kg/ha in 2015-16 which dropped to 123.41 kg/ha in 2016-17. However, since then, the consumption has gradually risen to 133.44 kg/ha in 2019-20 at the national level.

Recently, Fertilizer manufacturers in India including the Indian Farmers Fertilizers Cooperative Ltd. (IFFCO) announced a steep hike in the price of agricultural inputs such as DI-ammonium phosphate (DAP) as a result of increased prices of raw materials in the international market. In the past few months, the prices of potash, DAP, phosphoric acid, etc. have also increased significantly forcing the Fertilizer makers to hike the prices of the DE-controlled nutrients.

On average, India consumed about 500 LMT (Lakh metric Tonnes) of Fertilizer per year in the last 10 years. The government recently provided year-wise consumption data in the Rajya Sabha, showing the trend in the quantity of Chemical Fertilizers used in India since 2015-16. As per the data shared, Urea is the most consumed Fertilizer with around 300 Lakh Metric Tonnes (LMT) being consumed each year, accounting for 55 to 60% of the chemical Fertilizer consumption in the country. Between 2016-17 and 2019-20, there has been a steady increase in the consumption of Urea, DAP, and NPKs.

On the other hand, Kerala and Jammu & Kashmir are among the major States/UTs that have the least Fertilizer consumption. Both these States/UTs have reported a significant drop in the average usage of Fertilizers in the five years. Kerala reported a decline from 87 kg/ha in 2015-16 to 36.49 kg/ha in 2019-20 while Jammu and Kashmir reported a decline from 105.49 kg/ha to 40.85 kg/ha during the same period. Maharashtra, Madhya Pradesh, Chhattisgarh, and Jharkhand are major states which have consistently reported Fertilizer usage below the national average during this Five year period. Madhya Pradesh, Uttar Pradesh, and Delhi are among those States/UTs that have witnessed a steady increase in average Fertilizer consumption in these Five years. .



Mr. Nirav Mistry
Manager - Marketing
Editor for the Month





GACL honored our MD Mr. Dilip Shah in appreciation for the 45 years of valuable contribution of "PRAKASH" in the growth of GACL

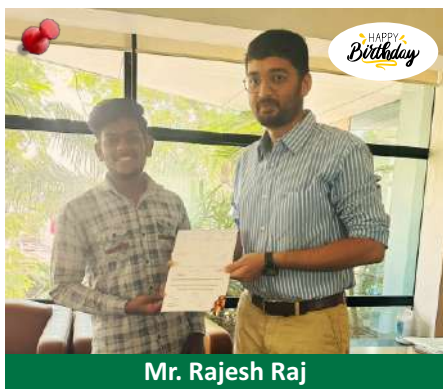


Mr. Dilip Shah - Guest of Honor at CK Shah Vijapurwala Institute of Management (CKSVIM) - Annual Day



50
YEARS
OF TENNIS

Our Mr. Dilip Shah Played The Vetrans Exhibition Match at The Polo Tennis Premier League Organized By Polo Club & he won the Doubles Match.



Mr. Rajesh Raj



Ms. Baby Unni



Mr. Zaid Sakarwala



Ms. Ritika Vanjani



World Autism awareness day celebration at Prakash House



INAUGURATION MAHI NAGAR ANGANWADI UPGRADED BY P.D BHAGRIJI



MAHI NAGAR ANGANWADI of Gotri Area was upgraded recently as Model Anganwadi by P.D. BHAGRIJI. It was inaugurated through the hands of Mayor Nilesh Rathod & Standing Committee Chairman Dr Hitendra Patel. Guest of Honors was Subhash Bhatnagar, President of RCBJ and Dilip Shah Past President of RCBJ and other invited Members were present on this occasion





Session with lactating mothers



HB Test for Adolescent



Medical Checkup camp at Anganwadi center



Pre-School Activity



Protein powder distribution to Pregnant women



Grocery kit donation for TB Patients at UPHC





- Azelis, the Belgium-based distributor of speciality chemicals and food ingredients industry, has opened a new laboratory for the Agricultural & Environmental Solutions (A&ES) Industry in India.
- Ahmedabad-based infrastructure solutions provider, Advait Infratech, said it has signed a memorandum of understanding (MoU) with China's Jiangsu HuaDe Hydrogen Energy Technology Co. for setting up a fuel cell manufacturing facility in Gujarat.
- The government will work out a suitable transition period for exporters whenever an update to the existing Foreign Trade Policy (FTP) 2023 is announced so that they can execute their existing contracts before the changes come into play.
- The government has reinforced the amendment of the provisions of the Exporter Importer Code (IEC) where in a company or an individual needs to update IEC details in the Directorate General of Foreign Trade (DGFT) portal every year.
- Dutch distributor of speciality chemicals and ingredients, IMCD, has announced that its Indian arm has signed an agreement to acquire 100% of the shares of Tradeimpex Polymers (India) Pvt. Ltd., a distributor of polymers and Engineering plastics.
- Caldic ramps up personal care portfolio with acquisition of Chemhouse Marketing and Brink Chemicals
- Neogen Chemicals Ltd., one of India's leading manufacturers of bromine-, and lithium-based specialty chemicals, has signed an agreement with MU Ionic Solutions Corporation (MUIS), Japan, for a technology license for making electrolyte solutions in India.
- Prime Minister Shri Narendra Modi dedicated the 500 TPD methanol plant of Assam Petrochemicals Ltd at Namrup on April 14, 2023. Engineers India Limited (EIL) is the LEPCM consultant for the plant. The plant, one of the largest methanol plants in India with natural gas as feedstock, boasts of high energy efficiency, zero liquid discharge and provisions for future integration with acetic acid plant.
- BASF will demonstrate how it is accelerating innovations for the green journey with various polyurethane (PU) solutions to enable greater sustainability in the automotive, consumer, construction, and industrial sectors.
- Alleima, a Swedish manufacturer of advanced stainless steels, special alloys, and heating systems, has inaugurated its new hydraulic and instrumentation tubing factory, at its Mehs/ana Mill in Gujarat.
- Mumbai-based Speciality Chemicals firm, Calibre Chemicals, has reached an agreement with the proprietors of Bengaluru-based Tina Life Sciences, to acquire Tina's laboratory and product development business.
- Astec LifeSciences Ltd, a subsidiary of Godrej Agrovet Ltd. (GAVL), has launched its new advanced research and development (R&D) centre in Rabale, Maharashtra. Named the 'Adi Godrej Centre for Chemical Research and Development.
- Jubilant Ingrevia Limited, has announced the commissioning of its new global scale Acetic Anhydride plant, at its manufacturing facility in west India at Bharuch, Gujarat. This plant adds around 60,000 MT of capacity, scaling Jubilant Ingrevia Limited's overall annual Acetic Anhydride capacity to 210,000 MT.
- Dutch speciality chemicals major, Nouryon, has announced the expansion of its office footprint and workforce in Mumbai, with the launch of a new Global Service Centre.
- Mumbai-based speciality chemicals firm, Calibre Chemicals, has reached an agreement with the proprietors of Bengaluru-based Tina Life Sciences, to acquire Tina's laboratory and product development business.
- The CSIR-National Institute for Interdisciplinary Science and Technology (CSIR-NIIST), a central institute in Thiruvananthapuram, has developed an innovative alternative to animal and synthetic leather, using agri-wastes like mango peels and banana stems.

Once upon a time, there were two neighbors living next to each other. One of them was a retired teacher and another was an insurance agent who had a lot of interest in technology. Both of them had planted different plants in their garden. The retired teacher was giving a small amount of water to his plants and didn't always give a full attention to them, while the other neighbor interested in technology, had given a lot of water to his plants and looked after them too well.

The retired teacher's plants were simple but looked good. The insurance agent's plants were much fuller and greener. One day, during the night, there was a heavy rain and a wind due to a minor storm. Next morning, both of the neighbors came out to inspect the damage to their garden. The neighbor who was an insurance agent saw that his plants came off from the roots and were totally destroyed. But, the retired teacher's plants were not damaged at all and were standing firm.

The insurance agent neighbor was surprised to see it, he went to the retired teacher and asked, "We both grew the same plants together, I actually looked after my plants better than you did for yours, and even gave them more water. Still, my plants came off from the roots, while yours didn't. How is that possible?"

The retired teacher smiled and said, "You gave your plants more attention and water, but because of that they didn't need to work themselves for it. You made it easy for them. While I gave them just an adequate amount of water and let their roots search for more. And, because of that, their roots went deeper and that made their position stronger. That is why my plants survived".

MORAL OF THE STORY

This story is about parenting where children are like plants. If everything is given to them, they will not understand the hard work it takes to earn those things. They will not learn to work themselves and respect it. Sometimes it's best to guide them instead of giving them. Teach them how to Walk, but let them follow their Path.



Importance of HR (Human Resources) in an Organization

MANAGEMENT TIPS

The Human Resources (HR) Department plays an important part in the organization. The HR team ensures effective management of the 'Human' element of a company – the employees.

Employee management consists of several different factors, such as employee payroll, attendance and leaves, training, etc. It also ensures compliance with the laws to mitigate any risks arising from unintentional non-adherence to any regulation.

The Key responsibilities of the HR Department includes :

- **Recruitment** : Recruitment and Talent Management are an essential part of Human Resources duties as it directly affects the quality of the employees present in the Organization, which directly affects the Organization's success.
- **On boarding** : A personalized, streamlined, and thorough on boarding experience can impress the employees and set the tone for workplace culture and help to launch successful careers.
- **Payroll Management** : Effective Payroll is one of the essential factors to ensure correct salary on time, thereby enhancing Perception / Motivation of employees to work for the Organization.
- **Employee Performance** : Employee Performance Management is one of the most vital duties of the HR Professionals. It directly influences the employees' performance and hence, the company's long-term success.
- **Training and Development** : Training and development go hand in hand with performance management. Employee developments result in an overall better workplace, a positive work environment and better productivity.
- **Company Culture** : As mentioned earlier, having well-trained and skilled staff ensures a positive work environment. It improves job satisfaction and employee engagement, which results in positive business culture in the Workplace.
- **Statutory Compliance** : Being a commercial organization, it is very necessary to maintain and adhere to multiple regulatory guidelines regarding employment and labour. The Human Resources is responsible for ensuring that the company abides by all these laws and protects the business from expensive lawsuits and penalties.
- **Health & Safety** : There are various work environments in any Industry that are considered hazardous. In such scenarios, it is the company's responsibility to provide the employees with adequate safety equipment and ensure that they have safe working conditions.

In short, HR plays a significant role not only in developing, reinforcing and changing the Culture of an Organization but also it improves employee engagement, employee wellness, personal development and productivity.





PUZZLE YOUR MIND

Q1- I hide in a dark tunnel awaiting my time. I can only be released by pulling back. Once released, I may do unspeakable damage....
Who am I ?

Q2- Give correct Answers :

$$4 + 4 = 484$$

$$5 + 5 = 605$$

$$6 + 6 = 726$$

$$7 + 7 = 847$$

$$8 + 8 = ???$$

Q3- Can you calculate how many days are coming in 4 years?

Q4- Find and explain the next number in the following series :
100, 365, 24, 60 ?

Q5- Find the Answer :

$$5555 = Y$$

$$6666 = R$$

$$7777 = T$$

$$8888 = ?$$



Winner of Puzzle Competition - March 2023 Edition
!! Mr. Vivek Patel - Congratulations !!

**Answer to
the Puzzles of
March 2023**

Q1- 6

Q2 - Thoughts

Q3 - X (10), L (50), C (100), D (500), M (1000)

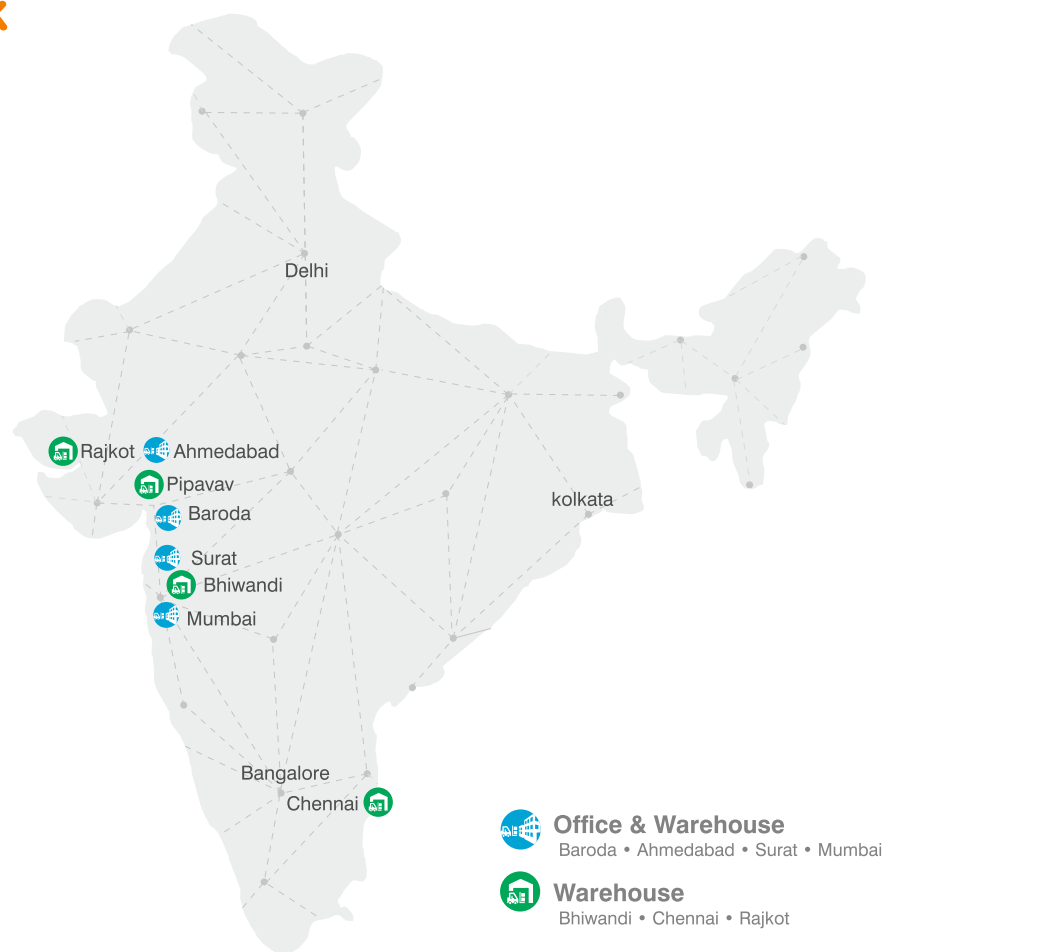
Q4 - 9

**“ Anger is like acid that can do more harm to
the vessel in which it is stored.**

**A single trace of anger can destroy our peace
of mind, relationships, etc.**

**Let's surrender this dangerous weapon and
transform anger to peace. ”**

Our Network



Authorized Distributor of

Accreditation



Prakash Chemicals Agencies Pvt. Ltd.

Head Office :	Prakash House, 39/40, Krishna Industrial Estate, Opp. BIDC Gorwa, Vadodara - 390 016, Gujarat, INDIA. T: +91 265 612 6000 M: +91 78744 45025 E: pcapl@prakashchemicals.com W: www.pcaplindia.com
Ranoli (Warehouse):	Survey No. 530/1, Somnath Estate, IPCL Road Karachia, Vadodara - 391350 M: 97246 44207 9327969218
Ahmedabad (Office):	B-309, Titanium City Center, Nr. Sachin Tower, 100 Feet Ring Road, Satellite Area, Ahmedabad - 380 015 Mob. 8511126722 /8511126720 Email : dhavaldesai@prakashchemicals.com
Ahmedabad (Warehouse):	Plot No 20, 21 & 22, R.K. Co-Operative Ware House, B/h Alfa Hotel, Nr Tata Steal, Narol Aslali Rd, Aslali, Ahmedabad - 382 427 E-mal : :amdwarehouse@prakashchemicals.com
Surat (Office & Warehouse):	B-119,120 C-119,120 Green park Surat Navsari Road Unn Sachin, Surat pincode- 394210
Mumbai (Office):	Room No.18, 2nd Floor, Fancy Chamber, 94 Surat Street, Danabunder, Chinchbunder, Nr. Masjid Bunder Railway, Mumbai – 400009, Maharashtra, India.
Mumbai (Warehouse):	1) Sohil Warehouse, Near Adarsh Katta, Anjur Valgaon Road, Nr. Rahnal Village, Off Mumbai-Agra Road, Bhiwandi (Thane) Mumbai, India. 2) Momai Warehouse - Prerna Complex, Bldg. No. B-7 Gala No.1, Anjur-Dapode Road, Val Village,Bhiwandi-421305, Thane.
Rajkot (Warehouse):	Khodiyar Park Shed No.3, Ruda Transport Nagar, Sokhada Village, Navagam, Taluka : Rajkot, Dist. Rajkot - 360 002. Contact Nos. 84889 80856, 8511166879, 63588 08757