



## INDIAN ROSE FEDERATION

### MONTHLY ELECTRONIC - NEWSLETTER – VOLUME – 12.



#### Presidents Page

Dear Members,

It is indeed a pleasure for all of us that our E – Bulletin is coming out with its twelfth issue, I thank all the members for sharing information and giving their suggestions, I hope that this Bulletin continues with more members sending articles and sharing information about the activities of rose growing in their areas.

We have one more unfinished task at our hands, sponsorship for trophies of IRF for certain categories that is single best color H.T's, the amount finalized is Rs.30,000.00, as said earlier this will be parked as F.D. and will be one time, the returns by way of interest will be utilized for a trophy every year, I appeal to all rose lovers to come forward and help IRF, by sponsoring one or more dedicating it in the memory of their loved one's or maybe their companies.

A very bad monsoon for our country, with some areas flooded and some facing a severe drought, in our state of Telangana we are facing a drought, the garden at Vikarabad has enough water but rain water is different, let us hope that we get some, even if late. It has been a great concern for all those rose growers who are staying in areas where there is drought like situation and those who are burdened with the fury of rains, nature plays its own game.

Take Care

Ahmed Alam Khan.

## EDITORIAL.



A visit to Pune for the Monsoon show of Pune Rose Society was a delight, it is at the monsoon show one gets a chance to see beautiful quality roses on display and competition of different colors, size and shapes, the Pune monsoon show boasts as one of the best monsoon show in the Country, which I totally agree, as I myself wait eagerly for the show, nature plays its part in various ways, in winters the Pune growers do not get the same quality as in Monsoon, would request a Pune rose growing member to give his comments and if possible, apprise the members for the reason behind this change, which I presume will be helpful to other members growing roses.

Well the dates for the winter shows declared by rose societies are as follows, The Vidharbha Rose Society will be having their winter show in the last week of December - 2015. Pune Rose Society, 2<sup>nd</sup> & 3<sup>rd</sup> of January - 2016 at Tilak Smarak Mandir, Tilak Road, Pune, then it is Mumbai Rose Society and MIAL/GVK show on 9<sup>th</sup> & 10<sup>th</sup> January - 2016, MIAL Colony, Sahar Road, Andheri east, Mumbai, 16<sup>th</sup> & 17<sup>th</sup> January - 2016, Rose Society of Jabalpur show at Jabalpur, followed by the All India Rose Convention of IRF, hosted by the Maharashtra Rose Society from 22<sup>nd</sup> January to 24<sup>th</sup> January - 2016, at Empress Garden, Pune, hectic month of January.

At the Pune rose show once again started the discussion of a variety which was awarded the King & Queen, it is the same variety for which I had put up photos requesting members to identify the same, this variety was given to Raj Bhavan, Nagpur, by M/s K. S. G. Sons, the photo was also forwarded to Mr. Kasturi Rangan, when I came back from the show and once again contacted Kasturi Uncle, he informed me that the variety is "Carezza" by Barni of Italy, released in 1996, I informed the members who have this particular variety, but Ashish from Mumbai and Hitesh from Jabalpur, called me up to say that they already have Carezza and it is totally different, whereas Kasturi Uncle says that it is Carezza, war of roses should I say.

Thanks for now,

Arshad Bhiwandiwalla.



## 17th WORLD ROSE CONVENTION

### ABSTRACTS OF LECTURES

Friday, 29th May - 11.30-12.00

### **Mallerin, the prince of color**

#### **Robert Laperrière**

Charles Mallerin (1878-1960) is a particularly important link in the unbroken succession of rose breeders of Lyon and its surroundings, from the early years of the 19th century until today, who still enhance by their research the genus *Rosa*.

Installed in Varcès, near Grenoble, he was the breeder of many varieties, roses full of elegant flowers with delicate or bright colors. His first creations appeared in 1925, he was then only a connoisseur who was engaged in creation. He quickly gave up his engineering profession and devoted himself to his passion. He was more an artist than a true professional, because all that mattered to him was the color and shape of flowers. His creations influenced many rose growers and breeders who took more or less inspiration from his results. He was not offended, on the contrary he was happy to show his visitors his latest creations. We can say that Mallerin became a professor, his advice, his opinions were appreciated and often implemented. Indeed, from 1935 for more than 20 years many amateurs and professionals, both French and foreign, came to Varcès. Charles Mallerin welcomed, among others, Meilland, Dorieux, Laperrière. The descendants of these 3 families are still present and active among the 10 breeders in our area.

His influence is still present today, because among the current varieties, some are enhanced by a distant connection with Mallerin's roses.

#### **Robert Laperrière**

Roseraie LAPERRIERE  
Route Nationale 6  
38070 Saint-Quentin-Fallavier



#### **Marion Laperrière**

Grand-daughter of Robert Laperrière  
She will present the lecture





## 17th WORLD ROSE CONVENTION

### ABSTRACTS OF LECTURES

Friday, 29th May - 12.00-12.30

### An overview on the current lyonnese rose-breeders

#### Pierre Orard

This lecture is a focus, not on the roses from Lyon, but on the people who make them, the rose-breeders from the region of Lyon. Ten of them are professionally active. Out of these 10 companies, 9 are not only involved in rose-breeding, but also in rose-growing.

Each of the rose-breeders introduced in this lecture has selected, in his own range of varieties, a variety that especially symbolises his rose-breeding skill. Some explanations will also be given on the selection process: criterias related to the flower and criterias related to the plant.

So, enter the world of these proud representatives of the so-called "*École Lyonnaise de la Rose*". A quick insight on the work done by Croix, Dorieux, Ducher, Felix, Gaujard, Guillot, Laperrière, Meilland, Orard, Reuter. Heirs of a long tradition and knowledge they are also able to look ahead and lead innovative actions, both in terms of plant breeding and marketing recognition.



#### Pierre Orard

Roseales ORARD  
56, route de Lyon  
69320 Feyzin





The Rose Society of Pune  
Monsoon Rose Show  
A report, by the President Mr. Ravindra Bhide.

The Rose Society of Pune, the oldest rose society in India had organized its 96<sup>th</sup> rose show on 5<sup>th</sup> & 6<sup>th</sup> September - 2015, at Tilak Smarak Mandir, Pune.

There were 16 divisions & 79 various classes including garden competitions, flower arrangements & rose photographs. While defining the divisions, care was taken for novices also. In garden competitions to promote rose growing two classes were made e.g. 1. Less than 50 pots & 2. More than 50 pots. Every class attracted one first & one second prize while for six flower arrangement classes there was additional third prize. In all there were 41 trophies to be won.

Due to severe drought this year in Maharashtra, as well as area in and around Pune, the response from the participants was excellent & the hall was full of roses. The judges from various places like Mumbai, Nagpur, Ratnagiri, Phaltan & Pune as usual did the excellent job of judging the beauties. The prominent participant Mr. Ganesh Shirke won total 33 prizes while bagging 14 trophies.

The show was inaugurated at the hands of Dr. Deepak Tilak, Vice Chancellor, Tilak Maharashtra Vidyapeeth. Every year in the Monsoon Rose show the rose society honours one of the senior rosarians with "Vijay Pokarna Gold Medal of Honour", this year it was awarded to Dr. M. T. Patil, who has about 30 years of experience in the field of roses, he has carried out research on various aspects of roses including Water & Fertilizer Management, Powdery Mildew, Landscaping, Control of Red Spider Mites, Post Harvesting Management of Roses & Vase life. He has 50 research papers, 4 books & 4 text books to his credit. The Rose Society also honours the rose farmers, who have risen to prosperity through rose farming. In this show Mr. Prashant Harpale from Pune district was honoured as "Gunwant Gulab Shetkari" (Progressive Rose farmer) at the hands of the Chief Guest. This event was sponsored by Ex - President of the Rose Society of Pune, Mr. Arun Patil. The prizes were distributed at the hands of Mr. Ramrao Jagtap, Ex - President of The Rose Society of Pune & The Indian Rose Federation.

The Rose Society of Pune is thankful to all participants, judges, sponsors for trophies, stall holders, Tilak Smarak Mandir Management, Media for giving adequate publicity & lastly the rose lovers who visited the show for making it a memorable one.

Glimpses of the Rose Society of Pune, Monsoon Show















## Roses may soon smell much sweeter Steve Connor.

Not all roses smell that sweet but scientists have found out why some smell sweeter than others and in the process have discovered a way of potentially improving the scent of the gardener's favourite ornamental flower.

A study into the chemistry of rose scents has found a new biochemical pathway in the petals of the plants which produces a sweet - smelling fragrance that could be re - introduced into rose varieties that have lost their smell.

Scientists have identified an enzyme known as RhNUDX1 which plays a key role in producing the sweet fragrance of roses, which they suggest could be re - introduced into modern varieties that have lost their scent as a result of intensive breeding for better colour and shape.

Jean - Louis Magnard and colleagues from the University of Lyon in St. Etienne in France identified the new source of rose scent in a study published in the journal Science that investigated the source of the strong scent in the rose Papa Meilland.

They found that the enzyme was lacking in another rose, called Rogue Meilland, which produces little scent and a genetic analysis revealed key differences in the genes responsible for the biochemical pathway that led to the synthesis of the enzyme.

The researchers found that the RhNUDX1 enzyme, which works in the cells of the flower petals, generates the well - known fragrance substance called monoterpene geraniol, the primary constituent of rose oil.

In the future, it might be possible to exploit the knowledge about the gene for RhNUDX1 in order to breed pleasant - smelling scents back into modern varieties that lack a strong fragrance, they said.

Scientists believe that the discovery of a new biochemical pathway that can synthesise rose scents is probably due to the independent evolution of chemical attractants designed to advertise flowers and bring pollinators to fertilise them.

It is known that a single constituent of rose oil, such as rose oxide, can impart different scents depending on which 3 - D shape they have formed. Rose oxide, for instance, can produce four different scents, sweet, fruity, minty or citrusy, depending on which one of four 3 - D shapes it has formed.



## CARE OF ROSES, YOUR EXPERTS ADVICE TIPS FOR SEPTEMBER

Ganesh Shirke from Pune :- In the first week hoe the soil slightly and add any organic feed of your choice along with well rotted cow dung manure, give an application of liquid fungicide, which is available in your area, drenching the soil, spray pesticides to ward off attack of pests, in the second, third and fourth week repeat in the same manner, taking care that you use different fungicide and pesticide along with organic feeding.

Sudhakar Sangamnerkar from Bhopal :- July – August fed rose plants are giving better flowering as compared to summer season. Continue, spraying Score + Karate or Polytrin C + Reudomil, once in ten days to control diseases like Black Spots, Die back, Yellowing of Leaves, Sucking insects / Pests. These diseases, plus Red Scale can also be controlled by spray or apply of Neem Oil + Boiled water of Tobacco. This is an ideal time for repotting of pot roses if not done in last two years. Shifting old roses of 7 - 8 years age to new sunny locations shall give better flowering if one is not satisfied. Collecting new varieties should continue to replace age old and non performing varieties.

Rahul Kumar from New Delhi :- During this month give shower bath to your plants if your roses in soil media add lime water for maintaining the PH of soil every 15 days. For that we can use chuna (we use in betel) 5 gm in 5 lit, of water drench the soil make sure lime water should be used after 8 to 10 hours after diluting in water.

Organic Feed - Prepare a mixture of the following and use them every week one spoon if your roses are in pot and two spoons if your roses are in ground) 1 kg. bone meal, 1 kg. Neem Oil cake, half kg. super phosphate, 250 gm DAP, half kg. Mustard Oil Cake, half kg NPK. Mix all the above thoroughly and store in an air tight box.

Inorganic Feed - Drench the soil with NPK 2 gm per litre twice a week and once Magnesium Sulphate - 2 gm per lit.

Insecticide - Never use only one insecticide, always rotate with different insecticide, one can use Super Killer, Confidor and Monocil , every week in rotation.

Ashish More from Mumbai :- After heavy rain showers till August, September is quite sunny, hot and Humid here in Mumbai, With little showers, In this condition soil media in pots get hard as solid as rock, mainly in well grown plants and hence very less water penetration in pot, due to this stress on plant is seen, mainly symptoms like yellowing of leaves in lower base of plants is seen further resulting in defoliate. Hence repotting in larger volume pot is must, without disturbing the root system with proper media is

required.

Sanjay Mukherjee from Kolkatta : - Monsoon is withdrawing, one has to be careful about watering the plants, when there is no rain, loosen the compact soil in pots and ground, add leaf mould or vermin compost, ensure good drainage, with a judicious mulch, clean the pots from outside and remove regularly spent blooms and yellow leaves, keep your garden clean. Black spots this disease becomes very serious if set, normally under high humid conditions and warm weather, as also in cold damp weather it aggravates, use fungicides to control them, using alternate fungicides available in your area, do not apply any fertilizers, allow the plants a complete rest, due to heavy rainfall in July and August, the root system is damaged and the plants will not consume much water. I have noticed that the process of respiration and evaporation is very crucial for the growth of roses, understand and wait till the rhythm of this process becomes steady.

Dr. N. V. Shastri from Nagpur : - We do very light pruning in early July so that we get a second flush from the last week of August to middle of September, this is the festival time when flowers are in great demand. September is also the month of Nagpur Garden Club Monsoon Flower Show, usually held on the second Sunday of the month, we do not specifically prune for the show after giving a heavy dose of FYM and a bit of stera - meal in July along with some DAP we repeat stera - meal and DAP after 30 days or so, this is also the month of heavy attack of insects and pests. Thrips being the greatest scourge weekly sprays of pesticides is mandatory according to the availability in your area, there are popular insecticide under different brands, ask your local supplier, usage of fungicides is also very important to ward off fungal attacks, after the show exhibitors refrain from touching the plants until the pruning time in October.

Khadar Alam Khan from Hyderabad : - Intensity of rains subsides in the third week of September, one has to keep the pots and beds free of weeds, top up the soil with a copious layer of well rotted farm yard manure, attack of black spot is very heavy, the best solution is to discard the affected leaves, collect them in a paper bag and burn them, use of fungicides should be done religiously to control fungal attacks, see to it that the drainage system is perfect as roses hate wet feet, as that is an invitation to root rotting and fungus attacks, weekly use of pesticides is also a must as during the rains the attack from pests is very heavy, use systematic pesticides available in your area.

Mr. A. S. Waranashiwar's write up, "The Mystery of Basal Shoots" appeared in the ARS Magazine of June - 2015, page 61 - 62.