



Floriconnect

Newsletter of the Indian Society of Ornamental Horticulture

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Message



A.P.S. Gill
President

The present Executive Council of the ISOH met first during a conference in Bangalore in July 2005. As was expected, the new team had several ideas to revive the staggering society and try and put it back on rails. Various suggestions were floated and lapped up by the enthusiastic members of the EC. The mood after an event (Flora Expo 2005) which had showcased the growth of Indian Floriculture, was buoyant. However, soon we realized that to improve or correct everything we felt



N.K. Dadlani
Secretary

was wrong, would take much more effort and time, than what the honorary EC could give. Process of prioritization, narrowed down the immediate tasks to three.

The first and foremost need was to bring the focus back to team work rather than individual functioning, which had led to some self fulfilling actions. Correction process was simple. The first letter of focal authority was turned upside down and 'ME' became 'WE'. The second priority, extremely important for a scientific society, was to improve the quality of our Journal. It is taking time, but the process of identifying measures to improve our rating is on. The third, area for attention was improving intra society communication. The instrument proposed was starting a 'Newsletter'. The formats and plan of action are still being finalised. However, as this activity has great bearing on the first two priorities discussed above, as well as other areas needing improvement, a beginning is being made.

We are happy to present to you the Inaugural Issue. Feel free to suggest improvements. Join the effort and feed the content. Tell us what you expect from your society and what you would do to improve its peer standing. We would look forward to your suggestions and contributions.

A.P.S. Gill

N.K. Dadlani

Flora Expo 2006

The growth of Indian floriculture was recently very appropriately showcased at the **International Flora Expo 2006**. This mega exhibition spread over 7700 sq. m. of space in Hall 10 and 11 of the nation's premier exhibition center, Pragati Maidan in New Delhi, attracted lakhs of visitors on 8-10 September 2006. Twenty Indian states along with individual exhibitors from India and six other countries displayed their products and services in more than 100 exhibition stalls. The Flora was structured to have a major exhibition, **Expo** showcasing the strength of Indian floriculture, besides advances in floriculture technologies in the form of new varieties of crops, the advances in production systems as latest greenhouse designs and irrigation equipments, and post harvest management logistics and facilities; an





Flora Inauguration

International Conference to address various issues influencing the growth of Indian floriculture; and a **Buyer-Seller Meet** to explore new opportunities for Indian floriculture trade.

Inaugurating the Flora, Dr. APJ Abdul Kalam, President of India proposed the 'National Mission: Floriculture 2010'. Delineating his vision, Hon'ble President said that 'Floriculture, indeed needs a national vision promoted by the Ministry of Agriculture and the Ministry of Commerce & Industry, so that we can attain a target of one billion dollar in floriculture exports by 2010. One day, I would like to see India becoming a major market for flower auction'. Dr. Kalam regretted that most flower varieties these days, particularly for rose, lack the fragrance. He desired that the scientists, using the advances in plant genetics, design flowers that will have unique shape, petal size, pleasing colours with longer shelf life and of course, pleasing fragrance. He invited floriculturists from government or private sector to use five acres of land earmarked in Rashtrapati Bhawan and other facilities, to scientifically explore the creation. He felt this will give a message of uniqueness and an Indian flavour to the whole world.

Speaking on the occasion, Shri Sharad Pawar, Union Agriculture Minister, said

that recognising the potential the sector has in generating income and employment opportunities, promoting greater involvement of women and enhancement of export earnings, the Ministry of Agriculture has been paying focused attention to the development of floriculture. The 'Technology Mission on Integrated Development of Horticulture in the North Eastern States' launched in 2001-2002 and subsequently extended to the Himalayan states of Himachal Pradesh, Jammu & Kashmir and Uttaranchal, helped in significant growth of floriculture in the region. Another major scheme launched in 2005-2006 –

'National Horticulture Mission' envisages an end-to-end approach wherein floriculture is included as a potential crop for overall development. The mission plans supply of quality planting material through nurseries and tissue culture units, bringing new areas under improved cultivars and setting up of post harvest management and market infrastructure, use of plasticulture technology including protected cultivation for the production of flowers.

The International Conference on Floriculture, sponsored by APEDA had



Conference Inauguration

Programme of International Conference on Floriculture: Advantage India

Inaugural Session

Welcome Address: Mr. KS Money, Chairman APEDA, New Delhi
Theme Paper Mr. Gokul Patnaik, Chairman, Global Agri Sytem Pvt. Ltd.
(Advantage India: The emerging production base for global markets)
Special Address by Ms. Nancy Laws, Global Floriculture Marketing Consultant, France
(Flower Marketing Channels for the New Millennium).
Presidential Address by Ms. Radha Singh, Secretary, Ministry of Agriculture & Cooperation, New Delhi.
Vote of Thanks by Mr. R.K. Boyal, General Manager, APEDA

Session I - Indian Floriculture: The Way Ahead

Chairman: Mr. S.M. Desalphine, **Co-Chairman :** Dr. A.P.S. Gill, **Rapporteur:** Dr. Lily Mitra
A perspective on Indian Floriculture
 Mr. Mammen Mapillai, Managing Director Indo Bloom, Bangalore
From Traditional to Contemporary: Bengal Advantage
 Dr. Utpal Chakravarti, Director of Horticulture, Govt. of West Bengal
The State with Himalayan Opportunities
 Mr J P Negi, Principal Secretary, Himachal Pradesh
Quality: the only way to success
 Dr R D Reddy, Meghna Floritech, Bangalore

Session II - Investment & Marketing

Chairman: Mr. J.P. Negi, **Rapporteur:** Dr. Ramesh Kumar
Importance of Project size in ensuring viability
 Mr Kamlesh Karle, Essar Agrotech, Mumbai
Accessing international funding for floriculture projects in India
 Mr J W Van Heerde, Dynamic Solutions Global Partners BV, Netherlands

Session III - Marketing to the World

Chairman: Mr. K.S. Money, **Rapporteur:** Dr. K.V. Prasad
International Flower Trade Developments
 Mr J Straver, Commercial Director, VBA, Aalsmeer, Netherlands
Concept marketing: changing face of flower marketing
 Mr. Igor Boin, IGX Tukan Agro BV, The Netherlands
Selecting horses for courses
 Mr Haiko Backer, Managing Director, Schreurs East Africa Ltd., Kenya

An Introduction to Japanese Flower Market
 Ms Yoko Sakamoto, Japan
Trend Watching: Nice to Know or need to Know
 Mr P Landman, Blooming Vision, BV, The Netherlands

Session IV - Quality and Production Dynamics

Chairman: Dr. J N Chamber, **Co-Chairman:** Mr. K. Natarajan, **Rapporteur:** Dr. R.K. Sharma
Improving Flower Production for Global Markets: Issues and Strategies
 Mr Feroze Masani, Chairman, Floriculture Foundation, Nashik
Quality Certification in floriculture production
 Mr Piet Vant Hoff, MPS – GAP, the Netherlands
Product Diversification: Opportunities with flower bulb production
 Mr Jan Neele, Neele Consultancy and Expertise, the Netherlands
Breeders' Rights and IPR : Implications for floriculture exports
 Dr Malavika Dadlani, Head, Seed Science & Technology, IARI, New Delhi
Quality and Consistency
 Mr Bipin Deo, Consultant APEDA MFC, Aalsmeer, the Netherlands
Flower Handling: preserving quality
 Mr. R. Bouwman, Bouwman Snijder Import, the Netherlands

Session V - Beyond Rose

Chairman : Mr. Arnold Parzar, **Co-Chairman:** Dr. A.P.S Gill, **Rapporteur:** Dr. R.K. Sharma
Production of Calla Lily: Opportunities for India
 Mr Barry Berg, The Netherlands
Alestomeria: Production for India
 Mr Jon Boender, Preesman International, the Netherlands
Anthurium: High Value floriculture
 Mr Maarten van der Leeden, Manager – Anthura b.v., the Netherlands
Export Market for Carnations
 Mr Jeroen de Kuijer, Manager, P Kooij Zonen b.v., the Netherlands
New Horizons for Ornamental horticulture in India
 Mr Ashish Hansoti, Tropica Nursery, Mumbai

Valedictory Session + Award Ceremony

Chief Guest: Mr. Jairam Ramesh, Union Minister of State for Commerce



Conference Valedictory

'Advantage India' as its focal theme. The Conference was inaugurated by Ms. Radha Singh, Secretary, Ministry of Agriculture. Mr. S.N. Menon, Secretary, Ministry of Commerce presided over the Inaugural Session. The Conference deliberated on the issues critical to enhancing our share in the global markets. The subjects covered, besides highlighting our strengths, included advances pertaining to various steps in the value chain. Leading names in Indian floriculture, besides experienced professionals from abroad participated as resource speakers at this Conference. All the presentations at the Conference (programme below) were much appreciated by over 250 delegates for their content addressing the issues of contemporary floriculture. The presentations are available for download for reference from the APEDA website:

www.apeda.com.

At the Valedictory Session on 10 September 2006, Shri Jairam Ramesh, Union Minister of State for Commerce, was the Chief Guest. Mr. Ramesh felt that we should promote the floriculture industry not as dollar earner but as provider of million jobs in next five years.



ISOH Secretary Dr. N.K. Dadlani coordinated the International Conference and was also a member of the FLORA 2006 Steering Committee. Dr. A.P.S. Gill, President ISOH co-chaired two important sessions. Dr. Ramesh Kumar and Dr. K.V. Prasad, members of EC and Dr. Lily Mitra, Life member ISOH acted as rapporteurs at the Conference sessions.

The buyers from Europe, Japan and Middle East were very impressed with the product range and quality available and

Flora Expo 2006 Awards

Category	Winner
Overall Best Display Award	APEDA & NHB
Best Grower Display Award	Soex Flora, Mumbai; Mainaam Garden, Sikkim Best Roses, Gujarat
Best Input Display Award	KF Bioplants, Pune; Florance Flora, Bangalore Essen Multipack, Gujarat
Best State Display Award	Uttaranchal, Mizoram, Karnataka
Best International Display Award	The Dutch Pavilion; Orchid Hub, Singapore Al Lokrit, Dubai

(Except for Overall Best Display, the winners in other categories as listed are First, Second and Third prize winners).

Forthcoming Events

Brainstorming Session on Protection of Plant Varieties and Farmers' Rights: Issues and Priorities in Ornamental Crops

The Division of Floriculture and Landscaping, Indian Agricultural Research Institute, New Delhi is organizing a two day Brainstorming Session on **Protection of Plant Varieties and Farmers' Rights: Issues and Priorities in Ornamental Crops** on 9th-10th November 2006 at the Virology Auditorium, IARI, New Delhi.

India, having enormous genetic diversity has contributed its rich germplasm in the development of present day hybrids / varieties evolved in a number of crops across the countries. The existing genetic diversity in the country in terms of traditional native flowers, that can be exploited commercially, also needs to be protected to prevent unauthorized exploitation by others. The R & D institutions under ICAR, CSIR and SAU's have made significant contribution in varietal development in a number of ornamental crops, which need to be protected under the

Protection of Plant Varieties and Farmers' Rights Act. With the advent of Protection of Plant Varieties and Farmers' Right Act and the establishment of PPV & FR Authority, there is a need to take stock of India's strengths and the emerging challenges in ornamentals crops.

The interaction aims at: Evaluating the system of introduction of new varieties; Develop suitable guidelines to offer protection to the extant varieties; Prioritize the crops which need to be characterized by developing the DUS guidelines; Develop adequate capacity building to address the needs to implement act effectively.

This programme will be one of the commemorative events of Dr. B.P. Pal Centenary year celebrations to pay rich tributes to Dr. B.P. Pal who is considered as the Father of modern floriculture improvement in India.

The two days deliberations by eminent experts in the field of PVP, plant breeders and technocrats would focus on

- India's strengths in ornamental crops
- Identification of native flowers for characterization and protection
- Identify GI's if any in flower crops, which can be exploited
- Prioritize the flower and ornamental crops for characterization
- Identify emerging challenges to suitably equip Indian floriculture
- Public-private partnership

The programme will be inaugurated by Dr.V.L.Chopra, Member, Planning Commission, Government of India and presided over by Dr. S. Nagarajan, Chairperson, PPV&FR Authority, GOI.

ISOH Bulb Symposium

The Indian Society of Ornamental Horticulture (ISOH) in collaboration with the Sardar Vallabh Bhai Patel University of Agriculture and Technology (SVBPUAT) is organizing the **National Symposium on Ornamental Bulbous Crops** on 5-6th December, 2006 at Modipuram (UP)

The Symposium focuses on genetic diversity and crop improvement, production technology, physiology of bulb development and flowering, bulbous crops in landscaping, Integrated pest management, marketing and export potential besides economic issues and future challenges.

The symposium is structured to have five technical sessions on Crop Improvement, Production Technology, Post Harvest Management, Plant Protection Management, and Commercial Prospects & New Advancements, besides a Plenary Session. Each technical session will have a lead paper presented by an eminent scientist, In addition two to four papers submitted for the symposium are being short listed for oral presentation in each session. Papers in different areas have also been selected for the poster session. An exhibition is also being organised on the occasion

The registration fee for attending the symposium is Rs. 1000/- (for ISOH members), Rs. 1500/- (for non members) and Rs. 500/- (for Students).

For further details please contact:

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31 October – 03 November 2006
RAI, Amsterdam, The Netherlands

Every year, professionals in horticulture, sourcing and sales come from all over the world to the Horti Fair in the Amsterdam RAI in the Netherlands.

The trade fair offers a complete range; with almost 1000 exhibitors from 50 countries. More than 50,000 visitors from upwards of 100 countries are also drawn by the hundreds of new products and services being launched at the Horti Fair. This is the worldwide horticultural showcase, presented in a convenient layout for the four days of the exhibition.

Nearly 1000 exhibitors will showcase their products and services in more than 90,000 m² gross area. The countries being represented at this year Fair include Australia, Belgium, Brazil, Canada, Chile, China, Colombia, Czech Republic, Denmark, Ecuador, Egypt, Estonia, Ethiopia, Finland, France, Germany, Great Britain, Greece, India, Indonesia, Israel, Italy, Japan, Jordan, Kenya, Lithuania, Malaysia, The Netherlands, New Zealand, Norway, Poland, Russia, South Africa, South Korea, Spain, Sri Lanka, Sweden, Switzerland, Taiwan, Tunisia, Turkey, Ukraine, United Arab Emirates and United States.

For 2006, the organizers have divided Horti Fair into four segments: Production, Technology, Supplies and Trade. Each of the four segments will have a pavillion, or 'House': House of Technology, the House of Supplies, the House of Retail, the House of Flowers & Plants/Growing Concepts and House of Genetics. Each will highlight innovations and developments in that category.

For further details log on to www.hortifair.nl

ISOH Calendar in 2006/07

The Society has planned a series of activities in the remaining period of the current year and beginning of next year. The details of these activities are being finalized and would be communicated to members shortly:

- December 2006** : **National Symposium on Ornamental Bulbous Crops**
05-06 December at Sardar Vallabh Bhai Patel University of Agriculture and Technology, Modipuram, Meerut
- January 2007** : **Expert consultation on Breeders Rights and IPR in Ornamentals**, Bangalore.
Workshop on Gerbera, Pune
- February 2007** : **Expert consultation on Anthurium Industry**, at KAU, Trichur
- March 2007** : **Workshop on Flower Seeds** at PAU, Ludhiana.

International Events

November 2006

1 November to 31 January 2007, Thailand

Royal Flora Ratchaphruek 2006,

Chiangmai Province. Tel: (66) 2636 7272 ext. 163;
Fax: (66) 2636 7282; wandee@reedtradex.co.th;
www.royfloraexpo.com

30 November to 3 December, Turkey

Growtech Eurasia 2006, Antalya, Turkey. Tel: (90) 216 425 6300;
Fax: (90) 216 425 6302; info@growtecheurasia.com;
www.growtecheurasia.com

December 2006

1 to 3 December, 2006, China

IPM China, Foshan. Tel (49) 201 72 44 539; Fax: (49) 201 72 44 513;
yanyan90638@sohu.com; ar; rofer@correo.inta.gov.ar.

7 to 10, December, 2006 Argentina

Third Argentinian Flower Congress, La Plata.

Tel/Fax: (55) 2229 491066;
floricultura2006@yahoo.com.ar; rofer@correo.inta.gov.ar.

January 2007

10 to 11 January, 2007, Denmark

Danish Garden Centre Tradeshow, Odense. Tel: (45) 6617 4489 Fax:
(45) 6617 4459; post@danskehavecentre.dk.

11 to 14 January, 2007, Thailand

HortiAsia 2007, The International Marketplace for Horticultural Produce,
Production and Technology, Chiang Mai. Tel: (66) 2 686 7239; Fax: (66) 2
868 7266; prapaporn@reedtradex.co.th; www.hortiasia.com

17 to 19 January, 2007, United States

Mid-America Horticultural Trade Show (Mid-Am), Chicago, Illinois.
Tel: (1) 847-526-2010; Fax: (1) 847-526-3993, mail@midam.org.www.midam.org

18 to 20 January, 2007, United States

Tropical Plant Industry Exhibition (TPIE), Ft. Lauderdale, Florida.

Tel: (1) 407 295 7994; Fax: (1) 407 295 1619; info@tpie.org.www.tpie.org

19 to 28 January, 2007, Germany

International Green Week, Berlin. Tel: (49) 30 3038 2028
Fax: (49) 30 3038 2019; igw@messe-berlin.de; www.grueneweche.com

25 to 28 January, 2007, Germany

IPM 2007. Essen. Tel: (49) 201 72 44 539; Fax: (49) 201 72 44 513;
dellen@messe-essen.com; www.ipm-messe.de

31 January to 3 February, United States

2007 Anla Management Clinic, Louisville, Kentucky. Tel: (1) 202 789 2900;
Fax: (1) 202 789 1893; meetings@anla.org; www.managementclinic.org

February 2007

13 to 15 February, 2007 Ukraine

Kiev Agrihort, Kiev. Tel: (31) 36 533 0580; Fax: (31) 36 530 6087;
info@bto-exhibitions.nl; www.bto-exhibitions.nl

14 to 16 February, 2007. Italy

Flormart Miflor, Padua. Tel: (39) 049 840451; Fax: (39) 049 840532;
flormart@padovafiore.it; www.padovafiore.it

21 to 23 February, 2007. France

Salon du Vegetal, Angers. Tel: (33) 2 41 79 14 17; Fax: (33) 2 41 45 29 05;
salon@bhr-vegetal.com; www.salon-du-vegetal.com

21 to 23 February, 2007. United States

Southern California Plant Tour Days, Carlsbad, California
Tel: (1) 760 431 2572; Fax: (1) 760 431 8834; info@flowerandplant.org;
www.planttourdays.org

News

PPV Task Force for Floriculture constituted

Protection of Plant Varieties & Farmers' Rights Authority, Govt. of India has constituted a 'Task Force' to prepare the guidelines for protection of varieties of rose and chrysanthemums. The Task Force is chaired by Dr. G.L. Kaul (Former Vice Chancellor, Assam Agri. University, Jorhat) and includes Dr. Vishnu Swarup (Director R&D, Indo American Hybrid Seeds, New Delhi) and Dr. N.K. Dadlani (Managing

Director, DAKSH Hortitec, New Delhi) as Members. Dr. K.V. Prasad (Div. of Floriculture, IARI, New Delhi) will be the Member Secretary for the Task Force. The Task Force has been assigned the following Terms of Reference:

1. To examine the DUS test guidelines developed through ICAR/SAU system and finalize the same in the light of the PPV&FR Act, 2001.
2. To Develop the General Guidelines for DUS test including diagrams etc.
3. To finalize the supplementary characters.

4. To identify the correct taxon of the species of these crops with synonyms, name of the first and the second author who had modified the botanical name and related details.

5. To identify special characteristics if any and the methodology, test fee etc.
6. Recommend the good cultivation practices to conduct DUS test.

Members may communicate any suggestions to Dr. K.V. Prasad, to help the Task Force finalise their recommendations.

Dr. B.P. Pal Birth Centenary Seminar

National Academy of Agricultural Sciences (NAAS) organized a seminar on 'Search for New Genes' on 01-02 September 2006 at New Delhi, as part of Dr. B.P. Pal Birth Centenary celebrations. Recognising Dr. Pal's interest and as a tribute to his contributions to ornamental horticulture, a special lecture on 'Aesthetics and Commerce of Flowers and Plants' was included in the programme. The paper on the subject was prepared by Dr. Vishnu Swarup (available for reference and download at www.naas-india.org) and was presented by Dr. N.K. Dadlani in a special session chaired by Prof. V.L. Chopra.

Obituary



Dr. V. Nagaraju
(1959-2006)

It is with great sorrow that we announce the demise of Dr. V. Nagaraju, one of the eminent horticulturists, Principal Scientist and Acting Director of National Research Center for Orchids, Pakyong, Sikkim on 06.08.2006. His contribution that span over two decades as a horticulture researcher is well recognized.

Born on 15.06.1959 at Onnalwadi Karnataka, Dr. Nagaraju did his PhD from Gauhati University, Guwahati in 1996, MSc and BSc from UAS, Bangalore in 1986 and 1983 respectively. In 1997 he did Post-doc on DBT fellowship in Genetic Engineering at Indian Institute of Science, Bangalore. Using a DBT Overseas Associateship, he visited USA in 1999 for hands on training in genetic engineering.

He started his career as Extension Guide (Hort.) in UAS, Bangalore and thereafter joined as Scientist (Hort) at ICAR Research Complex, Barapani, Meghalaya. He was selected as Sr. Scientist (Biotech) in March 1999 and joined at National Research Center for Orchids, Pakyong, Sikkim. In October 2005, he was selected as Principal Scientist (Hort.) and later took over charge of Director of N. R. C. for Orchids Pakyong, Sikkim on 12th January 2006. He was a recipient of Fakhruddin Ali Ahmed Award for the biennium 2002-2003 for outstanding contribution in the field of orchid cultivation. He attended 17th World Orchid Conference 2002 held in Malaysia.

As a researcher he has contributed 70 papers in refereed national and international research journals of repute, 101 papers in conference proceedings /book chapters, 12 popular articles and 4 research bulletins.

Dr V. Nagaraju is survived by his wife, Mrs Prema Nagaraju, a daughter Ms Surabhi and a son Master Suraj.

In passing away of Dr V. Nagaraju, India lost an eminent horticulturist and ISOH an active member. We express our heartfelt condolence to the family and friends of Dr V. Nagaraju.

Society on the Net

The Society would soon launch its official website. The web domain (www.isoindia.com) has already been registered and the homepage is under construction. The Society invites suggestions and material for uploading.

IARI releases some new flower varieties

Rose

Pusa Arun (H.T. Queen Elizabeth X Jantar Mantar).



Medium to tall bush with broad and moderately glossy leaves. Pointed flower buds open to dazzling dark red, large sized, double blooms on strong and long shoots. Mildly fragrant Pusa Arun shows tolerance to red scale and powdery mildew disease. The variety is suitable for cut flower and exhibition purposes.

Pusa Ajay (H.T; Pink Parfait X Queen Elizabeth).



A vigorous growing bushy variety that produces highly pigmented reddish brown to bronze vegetative parts. The pink coloured buds are pointed in shape and unfurl in to attractive dark pink coloured double flowers. This variety is moderately tolerant to powdery mildew and black spot diseases. The blooms are mildly fragrant and are suitable for cut flower and exhibition purpose.

Pusa Komal (Fl.; Pink Parfait X Suchitra).



A highly floriferous bushy variety with medium sized branches that are completely thornless. The pink coloured buds are pointed in shape and unfurl in to very attractive pink coloured double flowers. This variety is moderately tolerant to thrips and powdery mildew and black spot diseases. The blooms are mildly fragrant and are suitable for growing in pots and beds.

Pusa Shatabdi (H.T; Jadis x Century Two).

Pusa Shatabdi is a vigorous variety with strong, straight stems with bronze to reddish brown pigmentation in the initial stages. The leaves are moderately glossy. The pink



coloured buds are pointed in shape and are very big in size often reaching 6-8 cm in length and unfurl in to double flowers. This variety is moderately tolerant to powdery mildew and leaf spot diseases.

Chrysanthemum

Pusa Anmol (Spray; induced radiomutant of cv. Ajay)



A highly floriferous bushy variety, with multiple flower buds arranged at different heights. The yellowish pink coloured buds unfurl in to double flowers with incurving florets. The blooms are mildly fragrant and are suitable as loose flower, for decoration and as a whole plant cut flower. The variety is a relatively thermo and photo insensitive type and flowers thrice in a year during October-November, February-March and June-July when the availability of chrysanthemum is very limited in the market. Pusa Anmol has good suckering ability and can be easily propagated through vegetative means.

Pusa Centenary (Standard; induced radiomutant of Thai Chen Queen)



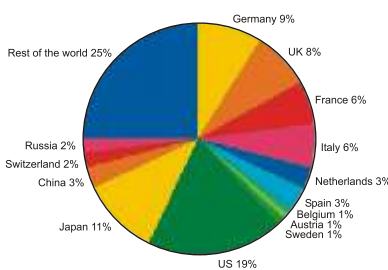
A vigorous variety with strong, straight stems and dark green foliage. The yellow coloured buds (2-4 cm in dia) are round to oval in shape and unfurl in to double flowers (12-15 cm in dia). The flowers possess brilliant yellow incurving ray and disc florets. The variety flowers during December – January. The blooms are mildly fragrant and are suitable for cut flower and exhibition purposes. This variety has good suckering ability and can be easily propagated through vegetative means.

Global floriculture - at a glance

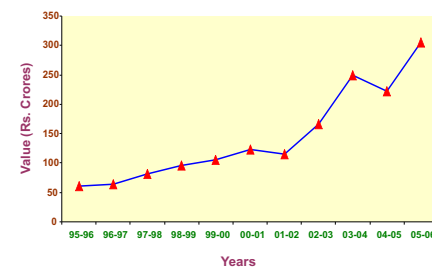
Production and consumption areas of cut flowers



Consumption worldwide



Indian Floriculture Exports



Executive Council, 2005-2007

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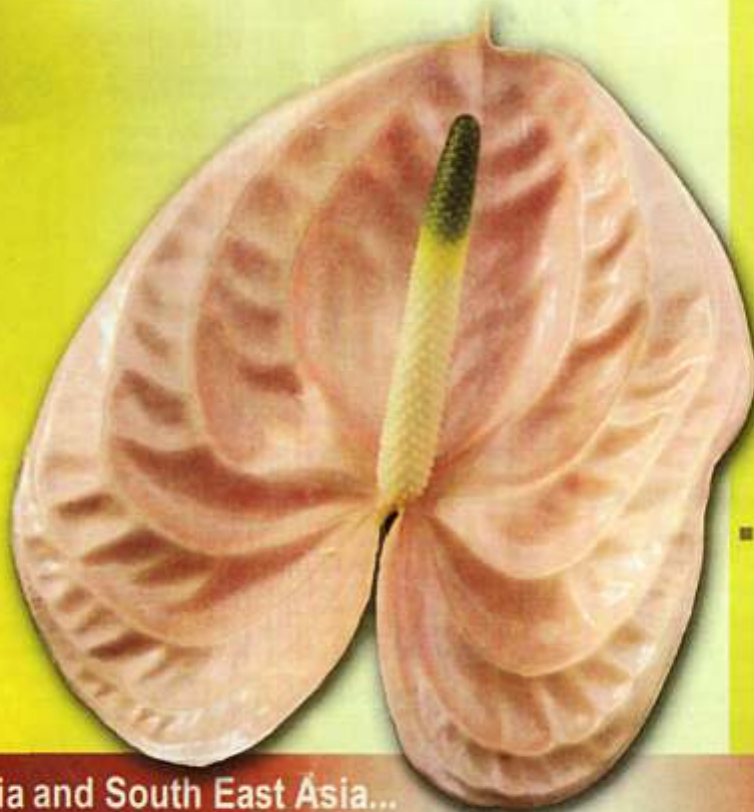
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