

## Germplasm collection & maintenance of different flowering plants

| <b>Germplasm collected during 2007-08</b> |   |                      |                                  |                                |   |
|---|---|----------------------|----------------------------------|--------------------------------|---|
| SI No.                                    | Name of the Plant   | Seed / Propagule     | Type/colour Of flowers           | Quantity in number/ weight (g) | Collected from  |
| 1.  | African Marigold : Pusa Narangi Genda                                 | Seeds                | Orange                           | 100 g                          | Indian Agricultural Research Institute, New Delhi                               |
| 2.  | Tuberose Cvs. Developed by IIHR, Bangalore<br>Shringar                | Bulbs                | Single whorl/ White              | 20                             | Indian Institute of Horticultural Research, Bangalore                           |
|   | Suvashini   | Bulbs                | Double whorl/ white              | 20                             | Indian Institute of Horticultural Research, Bangalore                           |
|   | Prajwal   | Bulbs                | Single Whorl/ white              | 20                             | Indian Institute of Horticultural Research, Bangalore                           |
|   | Vaibhav   | Bulbs                | Double Whorl/ white              | 20                             | Indian Institute of Horticultural Research, Bangalore                           |
| 3.  | Bougainvillea cv. Krishna   | Stem Cuttings        | Single bracted/ Deep mauve       | 12                             | Indian Institute of Horticultural Research, Bangalore                           |
| 4.  | Heliconia   | Rhizomes             | Yellow                           | 02                             | Indian Institute of Horticultural Research, Bangalore                           |
| 5.  | Crossendra  | Plants               | Yellow                           | 03                             | Indian Institute of Horticultural Research, Bangalore                           |
| 6.  | Crossendra  | Plants               | Orange                           | 03                             | Indian Institute of Horticultural Research, Bangalore                           |
| 7.  | Ornamental Banana   | Plant                | Red fruit colour                 | 01                             | Lal Baugh Botanic Gardens ,Mysore   |
| 8.  | Hibiscus : NBRI-1 –NBRI-16  | Stem cuttings        | Single whorl type                | 16                             | Lal Baugh Botanic Gardens ,Mysore   |
|   | NBRI-1 – NBRI-6   |                      | Double whorl type                | 06                             | Lal Baugh Botanic Gardens ,Mysore   |
| <b>Germplasm collected during 2008-09</b> |   |                      |                                  |                                |   |
| 1.  | African Marigold Marigold : Pusa Basanti Genda                        | Seeds                | Yellow                           | 50 g                           | Indian Agricultural Research Institute, New Delhi                               |
|   | French Marigold:<br>Honeycomb, Durango Red & NBRI – 1 to NBRI – 9     | Seeds                | bicolour                         | 50 g.                          | Indian Agricultural Research Institute, New Delhi                               |
|   | F-1 Hybrid :<br>Goldsmith Seeds                                       | Seeds                | Orange                           | 50                             | Pushpam Nursery, Kurmanchal Nagar Lucknow.                                      |
| 2.  | Chrysanthemum Small flowered Cvs. Developed by PAU, Ludhiana<br>Anmol | Rooted stem cuttings | Anemone/ Yellow with Orange disc | 5                              | Floriculture and landscaping Division, Punjab Agricultural University, Ludhiana |
|   | Yellow Delight  | Rooted stem cuttings | Decorative/ Yellow-Orange        | 4                              | Floriculture and landscaping Division, Punjab Agricultural University, Ludhiana |
|   | Garden Beauty   | Rooted stem cuttings | Quilled/ Red with yellow disc    | 10                             | Floriculture and landscaping Division, Punjab Agricultural University, Ludhiana |
|   | Winter Queen  | Rooted               | Quilled/                         | 15                             | Floriculture and  |

|  |   |                              |   |    |   |
|--|---|------------------------------|---|----|---|
|  |   | stem cuttings                | Red with yellow disc  |    | landscaping Division, Punjab Agricultural University, Ludhiana                  |
|  | Autumn Joy  | Rooted stem cuttings         | Decorative/ Purple-Red  | 10 | Floriculture and landscaping Division, Punjab Agricultural University, Ludhiana |
| 3.   | Dahlia Cvs. Gyani Jail Singh  | Rooted cuttings              | Medium, decorative, bicolour, bright red with white tip               | 5  | Sandeep Nursery, Maha Nagar Lucknow   |
|  | Kenya Yellow  | Rooted cuttings              | Yellow, Large flowered  | 5  | Sandeep Nursery, Maha Nagar Lucknow   |
|  | Swami Vinayanand  | Rooted cuttings              | Large, Decorative, Bicolour, Yellow with white tip, Plant dwarf       | 3  | Sandeep Nursery, Maha Nagar Lucknow   |
| 4.   | Tuberose Cv. "Rajat Rekha" : A Gamma rays induced mutant of single tuberose | Bulbs                        | Single whorl White/silver white streaks along the margin of the blade | 12 | Bidhan Chandra Krishi Viswa Vidyalaya Kalyani , Nadia West Bengal               |
|  | Pune Hybrid (GK-T-C-4) (Single)2009   | Bulbs                        | Single Whorl/ white   | 24 | AICRPF NARP, Ganeshkhind, Pune -7.  |
| 5.   | Gerbera Variety   |                              |   |    |   |
|  | Salvadore   | Tissue culture raised plants | Red with Black center   |    | M/S Origin-Agro biotech, Navi Mumbai  |
|  | Zingaro   | Tissue culture raised plants | Red with Green center   |    | M/S Origin-Agro biotech, Navi Mumbai  |
|  | Dana Ellen  | Tissue culture raised plants | Yellow with Green center  |    | M/S Origin-Agro biotech, Navi Mumbai  |
|  | Rosalin   | Tissue culture raised plants | Pink with Black center  |    | M/S Origin-Agro biotech, Navi Mumbai  |
|  | Goliath   | Tissue culture raised plants | Orange with Green center  |    | M/S Origin-Agro biotech, Navi Mumbai  |
|  | Sunway  | Tissue culture raised plants | Orange with Green center  |    | M/S Origin-Agro biotech, Navi Mumbai  |
|  | Silvester   | Tissue culture raised plants | White with Green center   |    | M/S Origin-Agro biotech, Navi Mumbai  |
| <b>Germplasm collected during 2009 -10</b> |   |                              |   |    |   |
| 1.   | F-1 Hybrid : Goldsmith Yellow   | Seeds                        | Yellow  | 50 | Pushpam Nursery, Kurmanchal Nagar Lucknow.                                      |
|  | Golden  | Seeds                        | Golden  | 50 | Pushpam Nursery, Kurmanchal Nagar Lucknow.                                      |

|  |                             |              |                 |           |   |
|--|-----------------------------|--------------|-----------------|-----------|---|
|  | <b>Pan American (white)</b> | <b>Seeds</b> | <b>White</b>    | <b>40</b> | <b>Pushpam Nursery,<br/>Kurmanchal Nagar<br/>Lucknow.</b> |
|  | <b>French &amp; Dwarf</b>   | <b>Seeds</b> | <b>bicolour</b> | <b>50</b> | <b>Pushpam Nursery,<br/>Kurmanchal Nagar<br/>Lucknow.</b> |