Table S1. Chrysanthemum genotypes involved in the study and their phenotypic characterization as per grouping traits

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Variety | Plant: type | Variety class | Flower head type | Longitudinal axis of majority of ray florets | Colour of inner side of majority of ray florets  | Disc type (Single or semi-double varieties only) | Flower type | Economic use |
| 1 | Ajay | Bushy | Spray | Double | Incurving | Pink | Nil | Pompon | Garden display |
| 2 | Aparajita | Bushy | Spray | Semi-double | Straight | Yellow | Anemone | Anemone | Garden display |
| 3 | Birbal Sahani | Bushy | Spray | Double | Straight | White | Nil | Pompon | Garden display |
| 4 | Corcon Small | Bushy | Spray | Semi-double | Straight | Pink | Daisy | Anemone | Pot culture |
| 5 | Dolly Orange | Bushy | Spray | Semi-double | Incurving | Red | Daisy | Pompon | Garden display |
| 6 | FDL | Bushy | Spray | Double | Reflexing | Purple | Nil | Reflexing | Garden display |
| 7 | Flirt | Bushy | Spray | Semi-double | Straight | Red | Daisy | Pompon | Garden display |
| 8 | Gaity | Bushy | Spray | Semi-double | Incurving | Pink | Anemone | Anemone | Garden display |
| 9 | Geetanjali | Bushy | Spray | Semi-double | Straight | Yellow | Daisy | Pompon | Garden display |
| 10 | Golden Yellow | Bushy | Spray | Double | Reflexing | Yellow | Nil | Pompon | Cut flower |
| 11 | Greenish White | Bushy | Spray | Double | Straight | Green | Nil | Incurving | Cut flower |
| 12 | Gulmohar | Bushy | Spray | Semi-double | Straight | Purple | Daisy | Pompon | Garden display |
| 13 | Jubilee | Bushy | Spray | Semi-double | Reflexing | Bronze | Daisy | Pompon | Garden display |
| 14 | Kajol | Non Bushy | Standard | Double | Incurving | Red | Nil | Incurving | Cut flower |
| 15 | Kalvin Orange | Non Bushy | Standard | Double | Straight | Orange | Nil | Ball type | Garden display |
| 16 | Kalvin Yellow | Non Bushy | Standard | Double | Straight | Yellow | Nil | Ball type | Garden display |
| 17 | Kanchil | Non Bushy | Standard | Double | Incurving | Pink | Nil | Incurving | Cut flower |
| 18 | Kargil | Bushy | Spray | Semi-double | Straight | Yellow | Daisy | Pompon | Garden display |
| 19 | Kundan | Bushy | Spray | Double | Reflexing | Yellow | Nil | Reflexing | Garden display |
| 20 | Lal Pari | Bushy | Spray | Semi-double | Straight | Red | Daisy | Pompon | Garden display |
| 21 | Liliput | Bushy | Spray | Single | Straight | Yellow | Daisy | Pompon | Garden display |
| 22 | Meghami | Non Bushy | Spray | Double | Incurving | Pink | Nil | Incurving | Garden display |
| 23 | Maghi Orange | Bushy | Spray | Double | Reflexing | Bronze | Nil | Pompon | Cut flower |
| 24 | Maghi White | Bushy | Spray | Double | Straight | White | Nil | Pompon | Garden display |
| 25 | Maghi Yellow | Bushy | Spray | Double | Straight | Yellow | Nil | Pompon | Garden display |
| 26 | Neelima | Bushy | Spray | Semi-double | Straight | Purple | Nil | Pompon | Garden display |
| 27 | Pink Cloud | Bushy | Spray | Semi-double | Straight | Pink | Daisy | Pompon | Garden display |
| 28 | Pinked White | Bushy | Spray | Double | Straight | Purple | Nil | Anemone | Cut flower |
| 29 | Poornima White | Non Bushy | Standard | Double | Incurving | White | Nil | Incurving | Cut flower |
| 30 | Pusa Anmol | Bushy | Spray | Double | Incurving | Pink | Nil | Pompon | Garden display |
| 31 | Ravi Kiran | Bushy | Spray | Semi-double | Reflexing | Red | Daisy | Pompon | Garden display |
| 32 | Red D Spoon | Bushy | Spray | Semi-double | Straight | Red | Daisy | Anemone | Cut flower |
| 33 | Red Gold | Bushy | Spray | Semi-double | Straight | Red | Daisy | Pompon | Garden display |
| 34 | Sadbhavana | Bushy | Spray | Single | Straight | Red | Anemone | Anemone | Garden display |
| 35 | Sadvin Yellow | Bushy | Spray | Semi-double | Reflexing | Yellow | Daisy | Reflexing | Garden display |
| 36 | Shanti | Bushy | Spray | Semi-double | Reflexing | White | Daisy | Pompon | Garden display |
| 37 | Sharad Mala | Bushy | Spray | Double | Straight | Pink | Nil | Pompon | Garden display |
| 38 | Shyamal | Bushy | Spray | Semi-double | Straight | Red | Daisy | Pompon | Garden display |
| 39 | Pink Star | Non Bushy | Standard | Double | Incurving | Pink | Nil | Incurving | Garden display |
| 40 | White Star | Non Bushy | Standard | Double | Incurving | White | Nil | Incurving | Cut flower |
| 41 | Yellow Star | Non Bushy | Standard | Double | Incurving | Yellow | Nil | Incurving | Cut flower |
| 42 | Shukla | Bushy | Spray | Semi-double | Incurving | Pink | Anemone | Anemone | Garden display |
| 43 | Texas Gold | Bushy | Spray | Single | Straight | Red | Anemone | Anemone | Garden display |
| 44 | Teri | Bushy | Spray | Semi-double | Incurving | Yellow | Anemone | Anemone | Cut flower |
| 45 | Tokyo Soldier | Non Bushy | Standard | Double | Incurving | Yellow | Nil | Incurving | Cut flower |
| 46 | Vasantika | Bushy | Spray | Double | Reflexing | Yellow | Nil | Reflexing | Garden display |
| 47 | Waters May | Non Bushy | Spray | Double | Twisted | White | Nil | Reflexing | Cut flower |
| 48 | White Andaman | Bushy | Spray | Single | Straight | White | Daisy | Pompon | Garden display |
| 49 | White Anemone | Bushy | Spray | Single | Straight | White | Anemone | Anemone | Garden display |
| 50 | White Prolific | Bushy | Spray | Double | Straight | White | Nil | Pompon | Garden display |
| 51 | Yellow Bangla | Bushy | Spray | Double | Reflexing | Yellow | Nil | Reflexing | Garden display |
| 52 | Yellow Charm | Bushy | Spray | Single | Straight | Yellow | Daisy | Pompon | Garden display |
| 53 | Yellow Gold | Bushy | Spray | Semi-double | Straight | Yellow | Daisy | Pompon | Garden display |
| 54 | Yellow Reflex | Non Bushy | Standard | Double | Incurving | Yellow | Nil | Incurving | Cut flower |

Table S2. Mean performance of 54 chrysanthemum genotypes for 14 quantitative traits

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | PH | SIL | SD | PT | PTFL | LL | LW | LR | LT | LLL | FD | LCT | LOF | WOF |
| 1 | Ajay | 49.50 | 0.85 | 0.72 | 0.19 | 1.69 | 4.60 | 3.39 | 1.36 | 0.12 | 2.11 | 4.57 | 0.43 | 2.42 | 0.62 |
| 2 | Aparajita | 75.15 | 1.22 | 1.16 | 0.15 | 0.93 | 6.27 | 4.38 | 1.43 | 0.23 | 2.85 | 3.35 | 0.37 | 1.33 | 0.49 |
| 3 | Birbal Sahani | 85.15 | 1.24 | 0.86 | 0.22 | 2.91 | 5.64 | 2.88 | 1.96 | 0.24 | 1.80 | 5.23 | 0.74 | 2.13 | 0.63 |
| 4 | Corcon Small | 83.88 | 1.35 | 1.20 | 0.16 | 2.91 | 7.89 | 4.32 | 1.84 | 0.15 | 2.98 | 4.57 | 0.46 | 2.19 | 0.48 |
| 5 | Dolly Orange | 36.85 | 0.54 | 0.62 | 0.37 | 1.85 | 4.81 | 2.49 | 1.93 | 0.43 | 1.63 | 2.52 | 0.54 | 1.11 | 0.44 |
| 6 | FDL | 73.10 | 1.69 | 0.57 | 0.33 | 10.56 | 7.75 | 5.40 | 1.44 | 0.12 | 3.35 | 7.85 | 0.38 | 3.82 | 0.66 |
| 7 | Flirt | 88.25 | 1.33 | 1.23 | 0.28 | 3.97 | 7.04 | 4.27 | 1.65 | 0.13 | 2.56 | 5.72 | 0.54 | 2.31 | 0.68 |
| 8 | Gaity | 68.88 | 1.06 | 0.98 | 0.22 | 3.84 | 7.49 | 4.69 | 1.60 | 0.12 | 3.11 | 6.82 | 0.58 | 3.06 | 0.43 |
| 9 | Geetanjali | 65.43 | 1.33 | 1.04 | 0.26 | 5.83 | 7.12 | 4.05 | 1.76 | 0.15 | 2.73 | 6.86 | 0.53 | 3.12 | 0.59 |
| 10 | Golden Yellow | 34.13 | 0.86 | 0.75 | 0.14 | 1.57 | 5.62 | 3.59 | 1.57 | 0.54 | 2.31 | 2.60 | 0.44 | 1.19 | 0.43 |
| 11 | Greenish White | 43.05 | 1.27 | 0.76 | 0.41 | 4.85 | 8.20 | 4.19 | 1.96 | 0.13 | 3.48 | 3.10 | 0.37 | 1.43 | 0.34 |
| 12 | Gulmohar | 98.90 | 1.34 | 0.98 | 0.30 | 8.88 | 5.16 | 3.93 | 1.32 | 0.23 | 2.15 | 6.53 | 0.50 | 2.91 | 0.35 |
| 13 | Jubilee | 68.18 | 1.09 | 0.94 | 0.32 | 7.73 | 5.19 | 3.28 | 1.59 | 0.24 | 2.41 | 5.44 | 1.12 | 2.13 | 0.41 |
| 14 | Kalvin Orange | 38.23 | 0.77 | 0.66 | 0.27 | 7.14 | 7.02 | 4.24 | 1.66 | 0.30 | 3.33 | 4.36 | 0.40 | 1.83 | 0.74 |
| 15 | Kanchil | 87.80 | 1.24 | 0.83 | 0.23 | 6.51 | 7.00 | 3.78 | 1.85 | 0.46 | 2.09 | 8.89 | 1.73 | 3.93 | 0.53 |
| 16 | Kargil | 73.83 | 1.06 | 0.80 | 0.21 | 3.73 | 4.60 | 3.00 | 1.54 | 0.50 | 1.99 | 5.72 | 0.33 | 2.43 | 0.26 |
| 17 | Kalvin Yellow | 38.88 | 1.55 | 0.61 | 0.23 | 4.77 | 6.69 | 4.61 | 1.46 | 0.12 | 2.44 | 3.31 | 0.37 | 1.15 | 0.44 |
| 18 | Kundan | 78.59 | 2.07 | 0.99 | 0.20 | 7.06 | 4.84 | 2.80 | 1.74 | 0.42 | 1.69 | 3.88 | 1.21 | 1.61 | 0.31 |
| 19 | Lal Pari | 61.66 | 0.88 | 0.80 | 0.15 | 3.48 | 6.26 | 3.65 | 1.71 | 0.63 | 2.11 | 3.93 | 0.19 | 1.64 | 0.41 |
| 20 | Liliput | 39.78 | 0.81 | 0.55 | 0.15 | 2.10 | 3.86 | 2.14 | 1.80 | 0.48 | 1.52 | 2.54 | 0.21 | 0.95 | 0.25 |
| 21 | Meghami | 53.01 | 0.98 | 0.55 | 0.40 | 7.07 | 6.96 | 3.67 | 1.90 | 0.14 | 1.98 | 6.33 | 0.53 | 2.55 | 0.72 |
| 22 | Maghi White | 97.01 | 2.03 | 1.46 | 0.22 | 9.81 | 6.48 | 3.87 | 1.68 | 0.44 | 2.38 | 4.25 | 1.09 | 1.72 | 0.45 |
| 23 | Maghi Yellow | 102.63 | 1.34 | 2.24 | 0.25 | 9.62 | 6.53 | 3.82 | 1.71 | 0.44 | 2.36 | 4.16 | 1.11 | 1.71 | 0.42 |
| 24 | Neelima | 107.83 | 1.68 | 0.89 | 0.27 | 4.96 | 6.39 | 4.09 | 1.57 | 0.18 | 2.72 | 7.93 | 1.14 | 3.26 | 0.17 |
| 25 | Pink Cloud | 59.35 | 2.79 | 1.23 | 0.17 | 2.24 | 7.00 | 3.32 | 2.11 | 0.16 | 2.40 | 4.53 | 0.74 | 2.21 | 0.53 |
| 26 | Pinked White | 43.33 | 1.49 | 0.83 | 0.20 | 7.38 | 4.68 | 3.20 | 1.46 | 0.45 | 2.17 | 5.87 | 0.49 | 2.36 | 0.58 |
| 27 | Poornima White | 54.18 | 1.04 | 0.74 | 0.32 | 5.23 | 8.00 | 6.06 | 1.32 | 0.13 | 2.69 | 8.36 | 0.91 | 3.31 | 0.64 |
| 28 | Pusa Anmol | 78.78 | 2.10 | 1.25 | 0.24 | 4.77 | 4.43 | 3.10 | 1.43 | 0.12 | 2.00 | 6.38 | 0.73 | 2.81 | 0.65 |
| 29 | Ravikiran | 78.03 | 1.23 | 1.20 | 0.25 | 5.25 | 6.87 | 3.86 | 1.79 | 0.49 | 3.66 | 10.01 | 3.09 | 4.37 | 0.41 |
| 30 | Red D Spoon | 55.00 | 1.43 | 0.86 | 0.29 | 4.64 | 10.68 | 6.82 | 1.57 | 0.16 | 4.66 | 6.55 | 3.31 | 3.65 | 0.34 |
| 31 | Red Gold | 78.10 | 1.38 | 0.84 | 0.16 | 4.49 | 6.25 | 3.55 | 1.76 | 0.37 | 2.01 | 5.87 | 0.99 | 2.91 | 0.64 |
| 32 | Sadbhavana | 42.65 | 1.01 | 0.60 | 0.12 | 1.91 | 3.26 | 2.16 | 1.52 | 0.62 | 1.14 | 3.00 | 0.43 | 1.38 | 0.35 |
| 33 | Sadvin Yellow | 97.88 | 0.70 | 1.01 | 0.14 | 3.78 | 5.79 | 4.03 | 1.44 | 0.15 | 2.36 | 5.09 | 0.39 | 2.31 | 0.63 |
| 34 | Shanti | 50.05 | 1.83 | 0.69 | 0.26 | 6.07 | 4.38 | 3.29 | 1.33 | 0.44 | 3.07 | 3.86 | 0.82 | 1.55 | 0.55 |
| 35 | Sharad Mala  | 54.70 | 0.98 | 0.91 | 0.14 | 2.51 | 3.71 | 3.02 | 1.23 | 0.27 | 1.80 | 3.53 | 0.53 | 1.69 | 0.53 |
| 36 | Shyamal | 64.68 | 1.29 | 1.06 | 0.28 | 2.10 | 6.99 | 5.02 | 1.40 | 0.19 | 3.45 | 5.51 | 1.39 | 2.31 | 0.55 |
| 37 | Pink Star | 85.09 | 1.14 | 0.84 | 0.35 | 7.53 | 5.03 | 3.04 | 1.66 | 0.17 | 1.88 | 11.22 | 0.55 | 4.52 | 1.27 |
| 38 | White Star | 94.38 | 1.03 | 0.88 | 0.40 | 3.54 | 4.77 | 3.01 | 1.59 | 0.19 | 2.20 | 9.78 | 0.80 | 4.53 | 1.25 |
| 39 | Shukla | 82.16 | 1.77 | 0.86 | 0.26 | 4.92 | 7.43 | 4.96 | 1.50 | 0.51 | 3.07 | 7.42 | 0.72 | 3.25 | 0.48 |
| 40 | TERI | 71.65 | 0.84 | 1.22 | 0.15 | 2.79 | 5.02 | 3.32 | 1.51 | 0.42 | 2.08 | 3.63 | 0.37 | 1.59 | 0.55 |
| 41 | Texas Gold | 31.70 | 1.47 | 0.63 | 0.18 | 3.61 | 7.88 | 4.13 | 1.91 | 0.13 | 3.10 | 2.79 | 0.36 | 1.22 | 0.44 |
| 42 | Tokyo Soldier | 71.53 | 1.73 | 0.77 | 0.47 | 11.40 | 11.10 | 6.65 | 1.67 | 0.36 | 3.96 | 14.76 | 7.89 | 7.98 | 0.22 |
| 43 | Vasantika | 79.88 | 2.09 | 1.00 | 0.13 | 6.87 | 4.81 | 2.84 | 1.70 | 0.44 | 1.68 | 3.80 | 1.39 | 1.63 | 0.33 |
| 44 | Waters May | 73.93 | 1.42 | 0.81 | 0.33 | 3.59 | 6.84 | 4.44 | 1.54 | 0.34 | 3.26 | 11.14 | 0.49 | 5.46 | 0.64 |
| 45 | White Andaman | 46.68 | 0.51 | 0.56 | 0.13 | 3.40 | 3.96 | 2.76 | 1.45 | 0.33 | 1.51 | 3.50 | 0.38 | 1.44 | 0.37 |
| 46 | White Anemone | 48.98 | 0.52 | 0.58 | 0.14 | 3.41 | 3.90 | 2.79 | 1.41 | 0.42 | 1.60 | 3.46 | 0.37 | 1.46 | 0.33 |
| 47 | White Prolific | 89.38 | 1.10 | 1.13 | 0.18 | 4.05 | 5.50 | 3.09 | 1.78 | 0.13 | 2.19 | 3.97 | 0.44 | 2.41 | 0.62 |
| 48 | Yellow Bangla | 83.03 | 0.99 | 0.79 | 0.26 | 5.80 | 4.50 | 2.90 | 1.56 | 0.53 | 1.78 | 4.19 | 0.76 | 2.01 | 0.69 |
| 49 | Yellow charm | 38.73 | 0.80 | 0.64 | 0.16 | 2.63 | 2.63 | 1.40 | 1.89 | 0.51 | 0.99 | 3.29 | 0.39 | 1.44 | 0.33 |
| 50 | Yellow Gold  | 75.13 | 1.12 | 1.07 | 0.13 | 4.86 | 7.56 | 4.32 | 1.75 | 0.17 | 2.67 | 5.94 | 0.16 | 3.25 | 0.17 |
| 51 | Yellow Reflex | 79.45 | 1.33 | 0.76 | 0.41 | 4.81 | 11.07 | 6.46 | 1.71 | 0.45 | 3.63 | 11.02 | 3.87 | 5.14 | 0.90 |
| 52 | Yellow Star | 74.35 | 1.53 | 0.77 | 0.27 | 8.69 | 5.73 | 3.62 | 1.59 | 0.44 | 2.74 | 6.10 | 0.55 | 3.01 | 0.57 |
| 53 | Kajol | 74.03 | 1.51 | 1.23 | 0.25 | 6.25 | 7.89 | 5.46 | 1.45 | 0.37 | 3.50 | 8.20 | 0.51 | 3.24 | 1.04 |
| 54 | Maghi Orange  | 94.70 | 2.07 | 1.46 | 0.23 | 8.20 | 6.65 | 3.86 | 1.73 | 0.45 | 2.39 | 4.33 | 1.15 | 1.73 | 0.43 |
|  | C.D. | 4.52 | 0.14 | 0.10 | 0.04 | 0.38 | 0.36 | 0.27 | 0.15 | 0.05 | 0.18 | 0.34 | 0.17 | 0.14 | 0.07 |

Note: PH- Plant height; SIL- Stem internode length; SD- Stem diameter; PT-Peduncle thickness; PTFL-Peduncle length of terminal flower head; LL-Leaf length; LW-Leaf width; LR- Ratio of leaf length/leaf width; LT- Leaf thickness; LLL-Leaf length of lower lobe; FD-Flower head diameter; LCT - length of corolla tube of ray floret; LOF- length of outer ray florets; WOF- Width of outer ray florets

Table S3. Grouping of genotypes based on hierarchical cluster analysis

|  |  |  |  |
| --- | --- | --- | --- |
| **Clusters** | **Sub-clusters** | **No. of genotypes** | **Genotypes and scale of flower in diameter (cm)** |
| Cluster I | Cluster Ia | 22 | FDL (7.85), Yellow Star (6.10), Yellow Gold (5.94), Kajol (8.20), Waters May (11.14), Kundan (3.88), Vasantika (3.80), Pusa Anmol (6.38), Red Gold (5.87), Aparajita (3.35), Kargil (5.72), TERI (3.63), Ravikiran (10.01), Yellow Reflex (11.02), Birbal Sahani (5.23), Corcon Small (4.57), Yellow Bangla (4.19), Shukla (7.42), Flirt (5.72), White Prolific (3.97), Kanchil (8.89), Pink Star (11.22) |
| Cluster Ib | 06 | Gaity (6.82), Geetanjali (6.86), Shyamal (5.51), Jubilee (5.44), Lal Pari (3.93), Pink Cloud (4.53) |
| Cluster Ic | 01 | Tokyo Soldier (14.76) |
| Cluster II | 07 | Gulmohar (6.53), Maghi White (4.25), Maghi Orange (4.33), Sadvin Yellow (5.09), White Star (9.78), Neelima (7.93), Maghi Yellow (4.16) |
| Cluster III | 18 | Dolly Orange (2.52), Golden Yellow (2.60), Texas Gold (2.79), Greenish White (3.10), Kalvin Orange (4.36), Kalvin Yellow (3.31), Pinked White (5.87), Liliput (2.54), Yellow Charm (3.29), Sadbhavana (3.00), Meghami (6.33), Poornima White (8.36), Red D Spoon (6.55), Shanti (3.86), White Andaman (3.50), White Anemone (3.46), Ajay (4.57), Sharad Mala (3.53) |

Table S4. Institute where genotypes are maintained

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Genotype name | Institute(s)  | Sl.No. | Genotype name | Institute(s)  |
| 1 | Ajay | IARI; NBRI | 28 | Pinked White | IARI |
| 2 | Aparajita | IARI; NBRI | 29 | Poornima White | NBRI |
| 3 | Birbal Sahani | NBRI | 30 | Pusa Anmol | IARI |
| 4 | Corcon Small | DFR; IARI | 31 | Ravikiran | IARI; NBRI |
| 5 | Dolly Orange | IARI | 32 | Red D Spoon | DFR; IARI  |
| 6 | FDL | DFR; IARI | 33 | Red Gold | DFR; IARI |
| 7 | Flirt | IARI; NBRI | 34 | Sadbhavana | IARI; NBRI |
| 8 | Gaity | IARI | 35 | Sadvin Yellow | DFR; IARI |
| 9 | Geetanjali | DFR; IARI | 36 | Shanti | IARI; NBRI |
| 10 | Golden Yellow | IARI | 37 | Sharad Mala | IARI; NBRI |
| 11 | Greenish White | IARI | 38 | Shyamal | IARI; NBRI |
| 12 | Gulmohar | DFR | 39 | Pink Star\* | IARI; NBRI |
| 13 | Jubilee | IARI; NBRI | 40 | White Star\* | IARI; IIHR; NBRI  |
| 14 | Kajol | DFR | 41 | Yellow Star\* | IARI; IIHR; NBRI |
| 15 | Kalvin Orange\* | DFR | 42 | Shukla | IARI; NBRI |
| 16 | Kalvin Yellow\* | DFR | 43 | Texas Gold | DFR; IARI |
| 17 | Kanchil | DFR; IARI | 44 | TERI | DFR; IARI |
| 18 | Kargil | NBRI | 45 | Tokyo Soldier | DFR; IARI |
| 19 | Kundan | IARI; NBRI | 46 | Vasantika | IARI; NBRI |
| 20 | Lal Pari | IARI; NBRI | 47 | Waters May# | DFR |
| 21 | Liliput | IARI; NBRI | 48 | White Andaman | IIHR |
| 22 | Meghami | NBRI | 49 | White Anemone | IARI; NBRI |
| 23 | Maghi Orange | IARI; NBRI | 50 | White Prolific | IARI; NBRI |
| 24 | Maghi White | IARI; NBRI | 51 | Yellow Bangla | NBRI |
| 25 | Maghi Yellow | IARI; NBRI | 52 | Yellow Charm | IARI; NBRI |
| 26 | Neelima | IARI; NBRI | 53 | Yellow Gold | IARI; IIHR |
| 27 | Pink Cloud | IARI; NBRI | 54 | Yellow Reflex | DFR; IARI |

Note: \* Exotic origin; # Unknown origin; DFR-Directorate of Floricultural Research, Pune -411045, India; IARI-Indian Agricultural Research Institute, New Delhi-110012, India; IIHR: Indian Institute of Horticultural Research, Bengaluru-560089, India; NBRI: National Botanical Research Institute, Lucknow-226001, India.