Impatiens New Guinea Group

2014 Trials Report

RHS Trials Office
The Royal Horticultural Society Garden, Wisley, Woking, Surrey, GU23 6Q
RHS Trial of Impatiens New Guinea Group

Introduction
The range and number of NG hybrids in recent years has increased dramatically. The problem with mildew on Impatiens walleriana has seen the plant breeder introducing new hybrid types, some of which are marketed as being mildew-tolerant. Planting of these types outside in the garden border or containers is being pushed by the breeding companies and markets and, in addition, several new series have been introduced onto the market with claims of being 'sun lovers' and 'suitable for planting in full sun'.

Objectives
The objectives of the trial were to assess these series, their marketing claims and garden worthiness. Some are raised from seed and others propagated by cuttings but all are sold in the UK and other EU countries to municipal gardeners, professional landscape gardeners and the private hobby gardener. The cultivars that gave the best performance to a pre-determined set of criteria would be awarded the prestigious RHS Award of Garden Merit.

Judging
The plants were judged by a forum of 10 RHS members all with an eclectic expertise in handling this plant from the aspect of crop production, growing, marketing, garden designing, growing in a public garden, growing in a private garden, plant photography, and journalism.

The judges were looking for
- Earliness into flower
- Flower size
- Continuity of flowering
- Scorching of blooms
- Irrigation and feeding needs
- Pest and disease resistance
- Height and spread of the plants
- Availability under the correct botanical and / or marketing name in the markets.

Entries
There were 99 entries from breeders worldwide and suppliers in the UK. The breeders were:
- PanAmerican Seed Company (USA) - supplied through Ball Colegrave
- Beekenkamp Ornamentals (The Netherlands) – supplied direct from Beekenkamp
- Sakata Seed (Europe and Japan) – supplied through Earley Ornamentals
- Selecta Klemm (Germany) Supplied through Pentland Plants
- Dumen (Germany) Supplied through Young Plants
- Danziger (Israel) Supplied through Delamore Young Plants
- Elsner Pac (Germany) Supplied through Anthony Andrews

Cultivation
There were two sites at Wisley; one was in the borders situated in the Hilltop border area.
These borders face northeast and to the southeast are partly shaded by trees in the early morning (until 10.30) during mid-summer and to the southwest by a tall hornbeam hedge. The soil here is a sandy free-draining loam. The previous plants were Tulips (planted in Oct 2013 and flowering in spring 2014). Before that (spring and summer 2014) the border was a direct sown annual summer bedding display. The soil is classified as Bagshot Sand but with all the mulching and manures received over the years it is now best described as a Sandy loam with a pH of 5.6 to 5.8. A base dressing of Vitax Q4 base dressing was applied at 3g per sq m prior to planting. The plants were planted at various distances depending upon the breeder / suppliers’ recommendation.

**Colour Power (Selecta Klemm)** – 8 per sq m  
**Magnum (Duman)** – 8 per sq m  
**Petticoat (Duman)** – 10 per sq m  
**Sweetie (Duman)** – 12 per sq m  
**Harmony (Danziger)** – 8 per sq m  
**Sun Harmony (Danziger)** – 5 per sq m  
**SunPatiens Compact (Sakata)** – 5 per sq m  
**SunPatiens Spreading (Sakata)** – 4 per sq m  
**SunPatiens Vigorous (Sakata)** – 4 per sq m  
**Impacio (Elsner (Pac)** – 8 per sq m  
**Odyssey (Beekenkamp)** – 8 per sq m  
**F1 Divine (Pan American Seed)** – 8 per sq m (Seed raised)

The cultivar Frolic (Syngenta) arrived too late for inclusion in the trial but was potted in containers for observation but no voting.

Planting took place on June 5th with plants supplied in 12 and 15 cm pots. The plants were watered in well after planting with follow-on water applications applied before dawn at 40 mm per week over 7 days unless natural rainfall reduced or stopped the application.

It was found that it was imperative to ensure copious amounts of water were applied, especially during the 3-week establishment period after planting or the plants suffered and became stunted. It was also found that watering must occur before 10 am and after
6.30 pm, especially if overhead watering is applied. The best irrigation is via drip at the base of the plant.

Scorching of the flowers and a poor cleaning habit was a major detraction from some of the entries; the worst scorching was seen in the magenta colours found in the SunPatiens series. In some colours scorching was not sufficient to detract from the overall appearance, as the floriferous habit and speed of re-flowering overcame this scorch detraction. Poor self-cleaning came from some of the white cultivars especially after rain showers and dull weather.

The second site at Wisley was along the pathway to the Hillside Event Centre in 40 cm terracotta containers.

This site is south facing so the containers were in full sun all day from early morning until dusk. They were planted in 40 cm terracotta pots using Melcourt peat-free compost with Osmocote 3 month being added at the recommended rate. The plants were planted 2 in a pot for all cultivars except;

- Sun Harmony Series
- SunPatiens Series (compact)
- SunPatiens Series (spreading)
- SunPatiens Series (vigorous)

These were planted one plant per pot.

The plants were watered daily and in some cases, when very hot, twice per day. Additional fertiliser of high potash was given weekly from mid-July 1:0:3 NPK with trace elements.

To be fair most entries gave a good pot performance. The judging therefore was very critical with all the judgement criteria of scorch, continual flowering, balance of flower to leaf, branching, balance in the pot, self-cleaning and wow factor being measured and discussed at great length.

Sun Harmony and SunPatiens certainly gave a high ‘wow’ factor with the use of one plant in a pot showing well-balanced growth and exceptional flower power throughout the summer until the first frost in late Oct. In addition Magnum gave the ‘wow’ factor of flower size.

**Pests and disease**
There was no sign of any pest or disease in the container-grown trial but in the borders we encountered Verticillium wilt at one end of the bed where it had not received as much water in the initial stages of establishment. This spread slowly over the bed and infected about 8% of the plants at the end of the season. Our RHS Plant Pathologist informed us that this is the first time Verticillium wilt has been recorded on plants within *Impatiens* New Guinea Group.

**Trial planting at Kew Gardens**

Some of the cultivars received we were able to plant in display beds at Kew Gardens so the forum was able to judge the performance in a slightly different environment. Watering was by drip irrigation rather than overhead and not so much scorch appeared although there was some and as at Wisley, this was on the magenta and purple colours. Planting was closer than recommended at 15 to 17 per sq. m so the display soon gained height but looked magnificent. It was also noted that despite some physical damage (when a flock of geese landed in the middle of the display) they had fully recovered within 2 or 3 days. The forum visited the site three times for assessment.

**Plants Receiving AGMs**

The following are the plants judged to fulfil the Award of Garden Merit criteria during the trial and to be worthy of receiving the RHS Award of Garden Merit.

The criteria, which a plant needs to fulfil in order to receive the award, are:

- excellent for ordinary garden use in appropriate conditions
- available
- of good constitution
- essentially stable in form and colour
- reasonably resistant to pests and diseases
Hardiness ratings are as follows:

**H2** – Tolerant of low temperatures but will not survive being frozen. Except in frost free inner city areas or coastal extremities requires glasshouse conditions in winter but can be grown outside once the risk of frost is over.

Plants Awarded AGM

**Trial number 16.**  
**Name:**  
*Impatiens* (MAGNUM PINK) = 'Duemagpin' (PBR) (Magnum Series) (New Guinea Group)

Cutting raised

**Marketing Name and description:**  
*Impatiens* New Guinea Magnum Pink.
**Trial number 35.**
**Name:** *Impatiens* (SUN HARMONY DEEP ORANGE) = 'Dhar 328' (Sun Harmony Series) (New Guinea Group)

*Cutting raised*

**Marketing Name and description**

*Impatiens* New Guinea Sun Harmony Deep Orange. Bold orange rounded flower. The flowers are produced all summer above dark green pointed leaves so creating a mounded habit.

**Flower width:**
**Height:** 40 cm at the end of the season
**Spread:** 52 cm at the end of the season

**Sender:** Delamore Young Plants

**Breeder:** Danziger

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**1984*T 42,**
**Name:** *Impatiens* [SUN HARMONY CÔMPA CT LAVENDER] = ‘Dharsclvd’r (Sun Harmony Series) (New Guinea)

*Cutting raised*

**Marketing Name:** *Impatiens* New Guinea Sun Harmony Lavender. Beautiful deep lavender blooms all season. Grows well in full sun but for best results in colour then some shade preferred.

**Flower Width:**
**Height:** 38 cm at the end of the season
**Spread:** 50 cm at the end of the season

**Sender:** Delamore Young Plants

**Breeder:** Danziger
Trial number 39
Name: Impatiens (SUN HARMONY SALMON) = ‘Dhar 318’
(Sun Harmony Series)
(New Guinea Group)
Cutting raised

Marketing name and description:
Impatiens New Guinea Sun Harmony Salmon
Beautiful luminous salmon pink with a near blue eye smother the plant all summer but the deep green leaves poke through the flowers at intervals giving a real ‘wow’ appearance

Flower Width: 8 cm  
Height: 38 cm at the end of the season  
Spread: 50 cm at the end of the season  
Sender: Delamore Young Plants  
Breeder: Danziger

Trial number 51
Name: Impatiens (SUNPATIENS COMPACT BLUSH PINK) = ‘Sakimp013’
(SunPatiens Series)
(New Guinea Group)
Cutting raised

Marketing name and description:
Impatiens hybrid hort SunPatiens Compact Blush Pink.
Produces masses of delicate light pink flowers with a darker Pink ‘Blush’ that develops strongly as temperatures increase in the summer.

Flower Width: 8 cm  
Height: 37 cm at the end of the season  
Spread: 56 cm at the end of the season  
Sender: Earley Ornamentals  
Breeder: Sakata
**Trial number 58**  
**Name:** *Impatiens*  
(SunPatiens Compact Orange) =  
‘Sakaimp011’  
(SunPatiens Series)  
(NG)

*Cutting raised*

**Marketing name and description:** *Impatiens* hybrid hort SunPatiens Compact
Bright orange flowers that shine out and exemplify the dark green/bronze leaves.
- Flower Width: 7 cm
- Height: 35 cm at the end of the season
- Spread: 60 cm at the end of the season

**Sender:** Earley Ornamentals  
**Breeder:** Sakata

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**Trial number 53.**  
**Name:** *Impatiens*  
[SUNPATIENS COMPACT ELECTRIC ORANGE] –  
‘Sakimp025’  
(SunPatiens Series)  
(New Guinea Series)

*Cutting raised*

**Marketing Name:** *Impatiens* hybrid hort SunPatiens Compact Electric Orange.  
Flower slightly smaller than others in the SunPatiens compact series but radiant electric orange flowers are produced in masses all season and smother the plant.
- Flower Width: 6 cm – slightly cupped
- Height: 36 cm at the end of the season
- Spread: 60 cm at the end of the season

**Sender:** Earley Ornamentals  
**Breeder:** Sakata

**Trial number 64**

**Name:** *Impatiens*  
(SUNPATIENS SPREADING VARIEGATED WHITE) – ‘Sakimp018’  
(SunPatiens Series)  
(New Guinea Group)

*Cutting raised*

**Marketing name and description:**

*Impatiens* hybrid hort SunPatiens Spreading Variegated White

Very distinct and uniform variegated foliage produced throughout the summer with clean clear white flowers blooming neatly above.

- Flower width: 6cm
- Height: 35 cm at the end of the season
- Spread: 57 cm at the end of the season
- Sender: Earley Ornamentals
- Breeder: Sakata

**Trial number 63**

**Name:** *Impatiens*  
(SUNPATIENS SPREADING VARIEGATED SALMON)  
‘Sakimp005’  
(SunPatiens Series)  
(NG)

*Cutting raised*

**Marketing name and description:**

*Impatiens* hybrid hort SunPatiens Spreading Variegated Salmon

Very distinctive, uniform and clear variegation of the leaf produced all season with salmon coloured flowers arising and opening neatly just above the foliage. Good self-cleaning habit.

- Flower width: 6 cm
- Height: 36 cm at the end of the season
- Spread: 59 cm at the end of the season
- Sender: Earley Ornamentals
- Breeder: Sakata
**Trial number 33**  
**Name:** *Impatiens* (DIVINE VIOLET) Divine Series (New Guinea Group)

*Seed raised*  
F1 hybrid

**Marketing Name and description:**  
*Impatiens* F1 Divine Violet.  
Masses of deep violet flowers produced all summer  
Flowers width: 8 cm – many open (gaps between the petals)  
Height: 33 cm at the end of the season  
Spread: 48 cm at the end of the season  
*Sender:* Ball Colegrave  
*Breeder:* PanAmerican Seed

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**Trial Index and Senders Details**

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<th>Breeder</th>
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<td>1984*T25, <em>Impatiens</em> [DIVINE BLUE PEARL] (Divine Series) (NG), Comment</td>
<td>Ball Colegrave</td>
<td>PanAmerican Seed</td>
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<tr>
<td>1984*T26, <em>Impatiens</em> [DIVINE CHERRY RED] (Divine Series) (NG), Comment</td>
<td>Ball Colegrave</td>
<td>PanAmerican Seed</td>
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<tr>
<td>1984*T27, <em>Impatiens</em> [DIVINE LAVENDER] (Divine Series) (NG), Comment</td>
<td>Ball Colegrave</td>
<td>PanAmerican Seed</td>
</tr>
<tr>
<td>1984*T28, <em>Impatiens</em> [DIVINE ORANGE] (Divine Series) (NG), Comment</td>
<td>Ball Colegrave</td>
<td>PanAmerican Seed</td>
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</table>

- Very pleasing leaf and flower. Flower loses colour over the season and some wide variation in colour.
- Good colour but this fades quickly and some bad scorching.
- Flowers fade badly in the summer but darkens when cooler nights.
- Good colour and self-cleaning but variable flower sizes.
1984*T29, *Impatiens* [DIVINE ORANGE BRONZE LEAF] (Divine Series) (NG),
**Comment**
Leaf was a very poor bronze in the summer but as the nights cooled this improved.

1984*T30, *Impatiens* [DIVINE PINK] (Divine Series) (NG),
**Comment**
Flower colour not consistent and variable flower size.

1984*T31, *Impatiens* [DIVINE SCARLET BRONZE LEAF] (Divine Series) (NG),
**Comment**
Lovely colour but badly scorched.

1984*T32, *Impatiens* [DIVINE WHITE BLUSH] (Divine Series) (NG),
**Comment**
Flowering under the foliage but a good flower colour.

1984*T33, *Impatiens* [DIVINE VIOLET] (Divine Series) (NG),
**Comment**
Colour bleaches in full sun.

**TRIAL ENTRIES, NAME, NUM**

1984*T34, *Impatiens* [DIVINE SCARLET RED] (Divine Series) (NG),
**Comment**
Mixed so unable to judge.

1984*T87, *Impatiens* [ODYSSEY AJAX] (Odyssey Series) (NG),
**Comment**
Compact with stunning flowers but lacked uniformity.

1984*T88, *Impatiens* [ODYSSEY CORINTH] (Odyssey Series) (NG),
**Comment**
Smaller flowers than others in the series. Some damage after rain and looked a ‘bit messy’ but improved towards the end of the trial.

1984*T89, *Impatiens* [ODYSSEY DELILAH] (Odyssey Series) (NG),
**Comment**
Nice large flower and luminous colour but lack flower throughout the season. Better flowering in containers.

1984*T90, *Impatiens* [ODYSSEY HELEN] (Odyssey Series) (NG),
**Comment**
Lacked flower in the border but performed well in a container. Nice glossy foliage.
1984*T92, *Impatiens* [ODYSSEY ILUS] (Odyssey Series) (NG),
**Comment**
Untidy habit and lacked flower in the border and in the container. Quite a bit of flower scorch.

1984*T93, *Impatiens* [ODYSSEY NEPTUNUS] (Odyssey Series) (NG),
**Comment**
Strong colour but lacked uniformity. Improved as the season progressed.

1984*T94, *Impatiens* [ODYSSEY NESTOR] (Odyssey Series) (NG),
**Comment**
Flowers under the foliage.

1984*T95, *Impatiens* [ODYSSEY ORESTES] (Odyssey Series) (NG),
**Comment**
White flowers tinged with green with the flowers folding backwards. Foliage and flowers were damaged by rain.

**TRIAL ENTRIES, NAME, NUM**

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<thead>
<tr>
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<th>Breeder</th>
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<tbody>
<tr>
<td>1984*T96, <em>Impatiens</em> [ODYSSEY PARIS] (Odyssey Series) (NG),</td>
<td>Beekenkamp</td>
</tr>
<tr>
<td><strong>Comment</strong></td>
<td>Beekenkamp</td>
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<tr>
<td>Flower scorch and untidy (lacked uniformity). A real 'juicy red' colour. Very compact.</td>
<td></td>
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<tr>
<td>1984*T98, <em>Impatiens</em> [ODYSSEY TALON] (Odyssey Series) (NG),</td>
<td>Beekenkamp</td>
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<tr>
<td><strong>Comment</strong></td>
<td>Beekenkamp</td>
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<tr>
<td>Lacked flower throughout the season.</td>
<td></td>
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<tr>
<td>1984*T99, <em>Impatiens</em> [ODYSSEY TROY IMPROVED] (Odyssey Series) (NG),</td>
<td>Beekenkamp</td>
</tr>
<tr>
<td><strong>Comment</strong></td>
<td>Beekenkamp</td>
</tr>
<tr>
<td>Bleaching of the flower in full sun. Good colour and uniformity.</td>
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<tr>
<td>1984*T36, <em>Impatiens</em> [SUN HARMONY MAGENTA] (Sun Harmony Series) (NG),</td>
<td>Delamore Young Plants</td>
</tr>
<tr>
<td><strong>Comment</strong></td>
<td>Danziger</td>
</tr>
<tr>
<td>Beautiful strong colour but the flowers scorch badly and not very well at self-cleaning.</td>
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<tr>
<td>1984*T37, <em>Impatiens</em> [SUN HARMONY PINK] (Sun Harmony Series) (NG),</td>
<td>Delamore Young Plants</td>
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<tr>
<td><strong>Comment</strong></td>
<td>Danziger</td>
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<tr>
<td>Masses of flowers but not pink in colour and lack uniformity.</td>
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<tr>
<td>1984*T38, <em>Impatiens</em> [SUN HARMONY PURPLE] (Sun Harmony Series) (NG),</td>
<td>Delamore Young Plants</td>
</tr>
<tr>
<td><strong>Comment</strong></td>
<td>Danziger</td>
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Comment
Stunning colour but the habit was quite upright and variable.

1984*T40, *Impatiens* [SUN HARMONY VIOLET] (Sun Harmony Series) (NG),
Comment
Good colour but not so floriferous. Untidy habit.

1984*T41, *Impatiens* [SUN HARMONY DEEP PINK] (Sun Harmony Series) (NG),
Comment
Quite an open habit and not good at self-cleaning. Flowers mottled.

**TRIAL ENTRIES, NAME, NUM**

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<tbody>
<tr>
<td>1984*T43, <em>Impatiens</em> [SUN HARMONY SCARLET] (Sun Harmony Series) (NG),</td>
<td>Delamore Young Plants</td>
<td>Danziger</td>
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<tr>
<td></td>
<td><strong>Comment</strong></td>
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<tr>
<td></td>
<td>Open habit and lacked flower and uniformity.</td>
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<tr>
<td>1984*T44, <em>Impatiens</em> [HARMONY ORANGE STAR] = 'Danhar305' (PBR) (Harmony Series) (NG),</td>
<td>Delamore Young Plants</td>
<td>Danziger</td>
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<tr>
<td></td>
<td><strong>Comment</strong></td>
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<tr>
<td></td>
<td>Very weak habit, lacked vigour with misshaped flowers.</td>
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<tr>
<td>1984*T45, <em>Impatiens</em> [HARMONY PINK SMILE] = 'Danhar267' (Harmony Series) (NG),</td>
<td>Delamore Young Plants</td>
<td>Danziger</td>
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<td></td>
<td><strong>Comment</strong></td>
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<tr>
<td></td>
<td>Some leaf distortion and badly marked flowers which varied in colour.</td>
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<tr>
<td>1984*T46, <em>Impatiens</em> [HARMONY RASPBERRY CREAM] = 'Danharras' (Harmony Series) (NG),</td>
<td>Delamore Young Plants</td>
<td>Danziger</td>
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<td></td>
<td><strong>Comment</strong></td>
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<tr>
<td></td>
<td>Flowers were very badly scorched and lacked uniformity. Interesting flower colour.</td>
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<tr>
<td>1984*T47, <em>Impatiens</em> [HARMONY VIOLET] = 'Danharvio' (Harmony Series) (NG),</td>
<td>Delamore Young Plants</td>
<td>Danziger</td>
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<tr>
<td></td>
<td><strong>Comment</strong></td>
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<tr>
<td></td>
<td>Nice dark foliage and flowers but lacked the quantity of flowers.</td>
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<tr>
<td>1984*T48, <em>Impatiens</em> [HARMONY RADIANCE CORAL] (Harmony Series) (NG),</td>
<td>Delamore Young Plants</td>
<td>Danziger</td>
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<td></td>
<td><strong>Comment</strong></td>
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<tr>
<td></td>
<td>Small flowers, very weak habit.</td>
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</table>
1984*T49, *Impatiens* [HARMONY RADIANCE PINK] (Harmony Series) (NG),

**Comment**
Flowers damaged in rain, very poor self-cleaning but improved slightly as the season progressed.

1984*T50, *Impatiens* [HARMONY DARK RED] = 'Danhardkrd' (Harmony Series) (NG),

**Comment**
Beautiful flower colour and foliage but flowers quickly scorch. Later in the season flowered well.

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<tr>
<td>1984*T52, <em>Impatiens</em> [SUNPATIENS COMPACT CORAL] = 'Sakimp009' (PBR) (SunPatiens Series) (NG),</td>
<td>Earley Ornamentals</td>
<td>Sakata</td>
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<tr>
<td><strong>Comment</strong></td>
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<tr>
<td>Late into full flower but good fresh clean colour with the flowers standing well above the foliage but in some cases too high.</td>
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| 1984*T54, *Impatiens* [SUNPATIENS COMPACT HOT CORAL] = 'Sakimp026' (SunPatiens Series) (NG), | Earley Ornamentals | Sakata |
| **Comment**              |                        |         |
| Small flowers and frame but a nice red leaf stem. However at the end of the season the flowers started to 'cup badly and the plants faded badly'. (Not a strong end of season finisher). |

| 1984*T55, *Impatiens* [SUNPATIENS COMPACT DEEP ROSE] = 'Sakimp017' (PBR) (SunPatiens Series) (NG), | Earley Ornamentals | Sakata |
| **Comment**              |                        |         |
| Variable in habit but a nice colour with clean foliage but poor self-cleaning. |

| 1984*T56, *Impatiens* [SUNPATIENS COMPACT MAGENTA] = 'Sakimp016' (SunPatiens Series) (NG), | Earley Ornamentals | Sakata |
| **Comment**              |                        |         |
| Tallest and most vigorous in the 'Compact 'types. A good colour but too easily scorched. Would go well in a subtropical bedding display. |

| 1984*T57, *Impatiens* [SUNPATIENS COMPACT LILAC] = 'Sakimp012' (PBR) (SunPatiens Series) (NG), | Earley Ornamentals | Sakata |
| **Comment**              |                        |         |
Comment
Flowers bleached with an open habit. Flowers faded in colour quickly.

1984*T59, Impatiens [SUNPATIENS COMPACT RED] = 'Sakimp030' (SunPatiens Series) (NG),
Comment
Good colour but faded and scorched quickly.

1984*T60, Impatiens [SUNPATIENS COMPACT WHITE IMPROVED] = 'Sakimp027' (SunPatiens Series) (NG),
Comment
Flowers damaged by rain and look 'messy'. Older foliage got damaged easily.

TRIAL ENTRIES, NAME, NUM  Supplier  Breeder
1984*T61, Impatiens [SUNPATIENS SPREADING CARMINE RED] = 'Sakimp022' (SunPatiens Series) (NG),
Comment
Flowers bleach and scorched quickly. Spread well and very uniform.

1984*T62, Impatiens [SUNPATIENS SPREADING CORONA] = 'Sakimp008' (SunPatiens Series) (NG),
Comment
Good strong colour and clean plant which flowered well to begin with and hugged the ground well but ran out of flower power too early towards the season end.

1984*T65, Impatiens [SUNPATIENS VIGOROUS BLUSH PINK] = 'Sakimp023' (SunPatiens Series) (NG),
Comment
Pretty flowers but not opening flat and going over fast. Variable strengths of blushing which added to the attractiveness. (The forum detected 3 shades of apple blossom and white which unfortunately scorched easily).

1984*T66, Impatiens [SUNPATIENS VIGOROUS LAVENDER] = 'Sakimp006' (SunPatiens Series) (NG),
Comment
Lacked uniformity and a large amount of flower scorch.

1984*T67, Impatiens [SUNPATIENS VIGOROUS MAGENTA] = 'Misato Fg3' (SunPatiens Series) (NG),
Comment
Started very vigorous but flowers heavily bleached and lacked flower numbers. Had a very loose habit and unfortunately was the first plant in the trial to be effected by Verticillium. (This was diagnosed by the RHS Pathology department and was the first known case of this disease to be found on NG impatiens in the UK).
**1984*T68. Impatiens** [Sunpatiens VIGOROUS ORANGE] = 'Misato Fg2'
(SunPatiens Series) (NG),
**Comment**
Beautiful flowers and very vigorous but the flowers got scorched so lacked that 'WOW' factor.

---

**1984*T69. Impatiens** [Sunpatiens VIGOROUS PINK] = 'Sakimp021'
(SunPatiens Series) (NG),
**Supplier**
PAC
**Breeder**
Elsner Pac
**Comment**
Open plant habit with flowers being heavily bleached and scorched.

---

**1984*T70. Impatiens** [Sunpatiens VIGOROUS WHITE IMPROVED] = 'Sakimp010' (PBR) (SunPatiens Series) (NG),
**Supplier**
PAC
**Breeder**
Elsner Pac
**Comment**
Has a specie look about it. Flowers had a pink tinge throughout the summer, even through the hottest part of the summer.

---

**1984*T71. Impatiens** [Impacio APPLE BLOSSOM] = 'Impacapp'
(Impacio Series) (NG),
**Supplier**
PAC
**Breeder**
Elsner Pac
**Comment**
Good colour and habit which at first flowered just above the foliage but towards the end of the season started to flower under the foliage.

---

**1984*T72. Impatiens** [Impacio LAVENDER PINK] = 'Impaclapi'
(Impacio Series) (NG),
**Supplier**
PAC
**Breeder**
Elsner Pac
**Comment**
Glossy deep green foliage contrasted beautifully with pink/pearl flowers. Late to flower.

---

**1984*T73. Impatiens** [Impacio LILAC] = 'Impacli'
(Impacio Series) (NG),
**Supplier**
PAC
**Breeder**
Elsner Pac
**Comment**
Flowers around the edge of the plants only a pale colour and uneven.

---

**1984*T74. Impatiens** [Impacio MELON STAR] = 'Impacmest'
(Impacio Series) (NG),
**Supplier**
PAC
**Breeder**
Elsner Pac
**Comment**
Lacked uniformity and the star is not stable.
1984*T75, *Impatiens* [IMPACIO ORANGE] = 'Impacora' (PBR) (Impacio Series) (NG),

**Comment**
Vivid colour but flowers scorched in full sun.

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## TRIAL ENTRIES, NAME, NUM

<table>
<thead>
<tr>
<th>Number</th>
<th>Supplier</th>
<th>Breeder</th>
</tr>
</thead>
<tbody>
<tr>
<td>1984*T76, <em>Impatiens</em> [IMPACIO ORANGE STAR] = 'Impacost' (Impacio Series) (NG),</td>
<td>PAC</td>
<td>Elsner Pac</td>
</tr>
<tr>
<td>1984*T77 <em>Impatiens</em> [IMPACIO PEACH STAR] = 'Impacpeast' (Impacio Series) (NG),</td>
<td>PAC</td>
<td>Elsner Pac</td>
</tr>
<tr>
<td>1984*T78, <em>Impatiens</em> [IMPACIO PEARL] = 'Impacpearl' (Impacio Series) (NG),</td>
<td>PAC</td>
<td>Elsner Pac</td>
</tr>
<tr>
<td>1984*T79, <em>Impatiens</em> [IMPACIO PURPLE] = 'Impacpur' (Impacio Series) (NG),</td>
<td>PAC</td>
<td>Elsner Pac</td>
</tr>
<tr>
<td>1984*T80, <em>Impatiens</em> [IMPACIO PURPLE STAR] = 'Impacpurst' (PBR) (Impacio Series) (NG),</td>
<td>PAC</td>
<td>Elsner Pac</td>
</tr>
<tr>
<td>1984*T81, <em>Impatiens</em> [IMPACIO RED] = 'Impacred' (PBR) (Impacio Series) (NG),</td>
<td>PAC</td>
<td>Elsner Pac</td>
</tr>
<tr>
<td>1984*T82, <em>Impatiens</em> [IMPACIO SALMON] = 'Impacsal' (Impacio Series) (NG),</td>
<td>PAC</td>
<td>Elsner Pac</td>
</tr>
<tr>
<td>1984*T83, <em>Impatiens</em> [IMPACIO SCARLET] = 'Impacscar' (PBR) (Impacio Series) (NG),</td>
<td>PAC</td>
<td>Elsner Pac</td>
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</tbody>
</table>

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**Comment**

- Striking colour but a weak habit and when flowers open scorched quickly.
- Flowers unstable.
- Beautiful combination of foliage with red flower buds and pearl coloured flower when open but late to flower.
- Good leaf colour but more foliage than flower.
- Colour is incorrectly named as neither purple or a star and rain damaged the flowers.
- Beautiful red colour but variable and some bleaching of the colour.
- Variable flower size and colour.
Nice big flower but lacking in quantity and therefore the ‘WOW’ factor.

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>1984*T84, Impatiens [IMPACIO SOFT PINK] = 'Impacsopi' (Impacio Series) (NG),</td>
<td>PAC</td>
<td>Elsner Pac</td>
</tr>
<tr>
<td>Comment</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Not a stable colour and mixed so unable to finish assessing because of this.</td>
<td></td>
</tr>
<tr>
<td>1984*T85, Impatiens [IMPACIO SOFT SALMON] = 'Impacsosa' (Impacio Series) (NG),</td>
<td>PAC</td>
<td>Elsner Pac</td>
</tr>
<tr>
<td>Comment</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Uneven flowering and faded fast towards the end of the season</td>
<td></td>
</tr>
<tr>
<td>1984*T86, Impatiens [IMPACIO WHITE] = 'Impacwhi' (PBR) (Impacio Series) (NG),</td>
<td>PAC</td>
<td>Elsner Pac</td>
</tr>
<tr>
<td>Comment</td>
<td></td>
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<tr>
<td></td>
<td>Good clean white colour but late into flower and less floriferous than other whites.</td>
<td></td>
</tr>
<tr>
<td>1984*T1, Impatiens 'Medina' (PBR) [COLOURPOWER SERIES] (NG),</td>
<td>Selecta Klemm</td>
<td></td>
</tr>
<tr>
<td>Comment</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Best clear clean white but lacked flower numbers all season. Late into flower.</td>
<td></td>
</tr>
<tr>
<td>1984*T10, Impatiens [COLORPOWER ROSE] = 'Klei02057' (PBR) (ColorPower Series) (NG),</td>
<td>Pentland</td>
<td>Selecta Klemn</td>
</tr>
<tr>
<td>Comment</td>
<td></td>
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<tr>
<td></td>
<td>Looked good but lacked flower power in the bed and containers.</td>
<td></td>
</tr>
<tr>
<td>1984*T3, Impatiens [COLORPOWER MAGENTA] = 'Kleni05079' (ColorPower Series) (NG),</td>
<td>Pentland</td>
<td>Selecta Klemn</td>
</tr>
<tr>
<td>Comment</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nice colour, lacked vigour.</td>
<td></td>
</tr>
<tr>
<td>1984*T11, Impatiens [COLORPOWER FIRE] = 'Kleni05085' (PBR) (ColorPower Series) (NG),</td>
<td>Pentland</td>
<td>Selecta Klemn</td>
</tr>
<tr>
<td>Comment</td>
<td></td>
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<tr>
<td></td>
<td>Violet colour rather than a hot fire red.</td>
<td></td>
</tr>
<tr>
<td>1984*T2, Impatiens [COLORPOWER ROSE] = 'Klei02057' (PBR) (ColorPower Series) (NG),</td>
<td>Pentland</td>
<td>Selecta Klemn</td>
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<tr>
<td>Comment</td>
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</tbody>
</table>
Comment
Late into flower and some leaf scorch. Good clean colour.

<table>
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<th>TRIAL ENTRIES, NAME, NUM</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1984*T4, Impatiens [COLORPOWER SALMON PINK] = 'Kleni07088' (PBR) (ColorPower Series) (NG),</td>
<td>Pentland</td>
<td>Selecta Klemn</td>
</tr>
<tr>
<td>Comment</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Did not have a long season of flowering but a nice large flower and good clean colour.</td>
<td></td>
</tr>
<tr>
<td>1984*T5, Impatiens [COLOURPOWER PURPLE BLUE] = 'Kleni05080' (ColorPower Series) (NG),</td>
<td>Pentland</td>
<td>Selecta Klemn</td>
</tr>
<tr>
<td>Comment</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>The sample was of mixed colours so no assessing took place.</td>
<td></td>
</tr>
<tr>
<td>1984*T6, Impatiens 'Locarno' (PBR) (ColorPower Series) (NG),</td>
<td>Pentland</td>
<td>Selecta Klemn</td>
</tr>
<tr>
<td>Comment</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Late into flower but a good colour. Thin habit.</td>
<td></td>
</tr>
<tr>
<td>1984*T3, Impatiens [COLOURPOWER MAGENTA] = 'Kleni05079' (ColorPower Series) (NG),</td>
<td>Pentland Plants</td>
<td>Selecta Klemn</td>
</tr>
<tr>
<td>Comment</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nice colour but lacked vigour.</td>
<td></td>
</tr>
<tr>
<td>1984*T7, Impatiens [COLOURPOWER LAVENDER FLAME] = 'Klei02058' (PBR) (ColorPower Series) (NG),</td>
<td>Pentland</td>
<td>Selecta Klemn</td>
</tr>
<tr>
<td>Comment</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Lacked flower initially during the season but towards the end of the season more flower was seen. Colour faded fast.</td>
<td></td>
</tr>
<tr>
<td>1984*T8, Impatiens [COLOURPOWER RED] (ColorPower Series) (NG),</td>
<td>Pentland</td>
<td>Selecta Klemn</td>
</tr>
<tr>
<td>Comment</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Very thin habit but a good colour.</td>
<td></td>
</tr>
<tr>
<td>1984*T9, Impatiens [COLOURPOWER DARK RED] = 'Klei01028' (PBR) (ColorPower Series) (NG),</td>
<td>Pentland</td>
<td>Selecta Klemn</td>
</tr>
<tr>
<td>Comment</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lacked flower which is buried under the foliage.</td>
<td></td>
</tr>
<tr>
<td>1984*T12, Impatiens [MAGNUM LAVENDER SPLASH] (Magnum Series) (NG),</td>
<td>Young Plants</td>
<td>Dumen</td>
</tr>
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<td></td>
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</tbody>
</table>
Comment
 Ended the season loose and spindly but good colour flower and clean foliage.

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<tr>
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<tbody>
<tr>
<td>1984*T13, <em>Impatiens</em> [MAGNUM WHITE BLUSH] = 'Duemagwiblu' (PBR) (Magnum Series) (NG),</td>
<td>Young Plants</td>
<td>Dumen</td>
</tr>
<tr>
<td>Comment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ended the season loose and spindly but good colour flower and clean foliage.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 1984*T15, *Impatiens* [MAGNUM DARK RED] (Magnum Series) (NG), | Young Plants | Dumen |
| Comment                  |               |         |
| Huge bright flowers but easily scorched in full sun. |

| 1984*T17, *Impatiens* [PETTICOAT WHITE 2014] (Petticoat Series) (NG), | Young Plants | Dumen |
| Comment                  |               |         |
| Creamy white flowers but easily showed water damage and poor self-cleaning. |

| 1984*T18, *Impatiens* [PETTICOAT AUBERGINE] = 'Duepetauber' (PBR) (Petticoat Series) (NG), | Young Plants | Dumen |
| Comment                  |               |         |
| Good colour but as the flowers age the colour fades and detracts from the overall plant appearance therefore needs constantly to be cleaned. |

| 1984*T19, *Impatiens* [PETTICOAT AUBERGINE] = 'Duepetnn11' (PBR) (Petticoat Series) (NG), | Young Plants | Dumen |
| Comment                  |               |         |
| Early flowers were bleached in sunlight. |

| 1984*T20, *Impatiens* [PETTICOAT BLUE STAR 2014] (Petticoat Series) (NG), | Young Plants | Dumen |
| Comment                  |               |         |
| Flowers easily scorched, therefore needs to be grown in full shade. Amazing colour but looks untidy unless constantly cleaned. |

| 1984*T21, *Impatiens* [PETTICOAT ORANGE STAR] (Petticoat Series) (NG), | Young Plants | Dumen |
| Comment                  |               |         |
| Poor flower colour distinction of the star. Never looked healthy all the time planted. |

| 1984*T22, *Impatiens* [Petticoat PETTICOAT PASTEL PINK] = 'Dueripaspi' (PBR) (Petticoat Series) (NG), | Young Plants | Dumen |
| Comment                  |               |         |
| Colour more salmon than pink and flowering season finished before the seasons’ end as it starts to look thin from mid-August. |
**Conclusions and recommendations**

All of these cultivars will give satisfaction to a certain degree when used for bedding or in containers outside from mid/late May until first heavy frosts.

The forum had a very challenging job judging the criteria set and had to be hard in their judgement so only the very best of the entries were awarded the AGM for garden worthiness.

The trial threw up some very interesting factors that gardeners should be aware of.

- Not all series and colours will perform in a sunny situation and partial shade is desirable to help growth and also prevent excessive flower bleaching and scorching.
- Watering is extremely important both during establishment and at the height of summer. The plants may need 2 applications per day. This should be early in the morning and/or late evening and water directly onto the soil rather than overhead. If overhead watering is the only option then water when the strength of the sun has waned in the evening or early in the morning before the sun starts to get too high in the sky.
- Feeding in containers, in addition to any slow release used is recommended. Use a high potash one or twice per week.
- SunPatiens and Sun Harmony are perfect for containers and one plant in a minimum 40 cm container with the watering and feeding kept at a high level will give a fantastic display all summer and represent very good value for money.
The RHS People’s Choice is a recent RHS initiative whereby we engage our visitors to vote for their favourite cultivar within a trial.

In 2014 we chose to have the RHS People’s Choice vote on the *Impatiens* New Guinea group in two categories;

1. Borders
2. Containers

Voting took place from July until mid August when the votes were counted.

We had over 2500 votes and the winners were:

**Category: Garden Border**

**1st Place**

*Impatiens* [SUN HARMONY COMPACT LAVENDER] = ‘Dharsclvdr’ (Sun Harmony Series) (New Guinea)

The variety was also awarded an AGM

**Equal 2nd Place**

This variety was awarded an AGM

**Impatiens** [SUNPATIENS COMPACT ELECTRIC ORANGE] – ‘Sakimp025’ (SunPatiens Series) (New Guinea Series).

**Impatiens** [HARMONY VIOLET] = ‘Danharvio’ (Harmony Series) (NG),

In the forum’s opinion this variety had

‘Nice dark foliage and flowers but lacked the quantity of flowers and the variable amount of scorch on the bloom over the season did not bring this up to an AGM standard.’

**Category - Container (40 cm)**

**1ST Place**

: **Impatiens** (SUNPATIENS SPREADING VARIEGATED SALMON) = ‘Sakimp005’ (SunPatiens Series) (NG) 🌸

Final Report for Trial No. 1984. – **Impatiens** New Guinea Group
This variety was awarded an AGM

2ND Place


This variety was awarded an AGM

3rd Place

*Impatiens* (SUNPATIENS SPREADING VARIEGATED WHITE) – ‘Sakimp018’ (SunPatiens Series) (New Guinea Group)
This variety was awarded an AGM

Source: Horticultural Trials and Relations, RHS Garden Wisley, Woking, Surrey GU23 6QB
E-mail: trials@rhs.org.uk

More information about RHS Trials and other colour illustrated reports can be found on the RHS Website: http://www.rhs.org.uk/trials