



## APPLICATIONS UNDER EXAMINATION

## IMPATIENS

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*(Impatiens hawkeri)*

**Proposed denomination:** 'Fisnics Orga'  
**Trade name:** Sonic Orange '08  
**Application number:** 07-5810  
**Application date:** 2007/03/30  
**Applicant:** Syngenta Crop Protection AG, Basel, Switzerland  
**Agent in Canada:** Westcan Greenhouses Limited, Langley, British Columbia  
**Breeder:** Birgit Hofmann, Bendorf, Germany

**Variety used for comparison:** 'Fisnics Orange'

**Summary:** *The flowers of 'Fisnics Orga' have a medium to large eye zone while those of 'Fisnics Orange' have a small eye zone.*

#### **Description:**

**PLANT:** medium height, medium width, very weak to weak anthocyanin colouration on upper third of shoot

**LEAF BLADE:** medium length, medium width, medium to large length to width ratio, no markings on upper side, weak to medium anthocyanin colouration on upper side, green between veins on lower side, green veins on lower side

**PETIOLE:** short to medium length, very weak to weak anthocyanin colouration

**FLOWER:** single, broad, one coloured, orange red (RHS 30B) on upper side, medium to large purple red (RHS 58D) eye zone, medium to broad upper petal, medium to broad lateral petal, long lower petal

**PEDICEL:** medium length, very weak to weak anthocyanin colouration

**Origin and Breeding:** 'Fisnics Orga' originated from a hybridization made in the summer of 2003 in Hillscheid, Germany between the female parent seedling 'K03-2478-2' and the male parent seedling 'K02-290-2'. The first selection occurred in Moncarapacho, Portugal in the spring of 2004. Cuttings from the selected seedling were taken back to Hillscheid, Germany for further examination and trial cultivation in spring to summer of 2005. 'Fisnics Orga' was selected based on flower colour, foliage colour, leaf shape and plant growth habit.

**Tests and Trials:** The detailed description of 'Fisnics Orga' is based on the UPOV report of Technical Examination, application number IM 1100, purchased from the Bundessortenamt, Hannover, Germany. The trials were conducted by the Bundessortenamt in Hannover, Germany, in 2008. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.



Impatiens: 'Fisnics Orga'

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<b>Proposed denomination:</b>	<b>'Fisnics Reddie'</b>
<b>Trade name:</b>	Sonic Deep Red
<b>Application number:</b>	07-5809
<b>Application date:</b>	2007/03/30
<b>Applicant:</b>	Syngenta Crop Protection AG, Basel, Switzerland
<b>Agent in Canada:</b>	Westcan Greenhouses Limited, Langley, British Columbia
<b>Breeder:</b>	Birgit Hofmann, Bendorf, Germany

**Varieties used for comparison:** 'KLEI 01028', 'Kiala' and 'Kimart'

**Summary:** *The flowers of 'Fisnics Reddie' have a small to medium sized eye zone while those of 'Kiala' have a very small to small eye zone. 'Fisnics Reddie' differs from 'Kiala' in the colour of the eye zone. The upper petals of 'Fisnics Reddie' are broad to very broad while those of both 'KLEI 01028' and 'Kimart' are medium to broad. 'Fisnics Reddie' has a long lower petal while 'Kimart' has a medium length lower petal.*

**Description:**

**PLANT:** medium height, medium to broad, strong to very strong anthocyanin colouration on upper third of shoot

**LEAF BLADE:** medium to long, medium width, medium to large length to width ratio, no markings on upper side, very weak to weak anthocyanin colouration on upper side, green between veins on lower side, red veins on lower side

**PETIOLE:** short to medium length, strong anthocyanin colouration on upper side

**FLOWER:** single, broad, one coloured, red (RHS 46B) on upper side, small to medium sized dark purple red (RHS 53B) eye zone, broad to very broad upper petal, medium to broad lateral petal, long lower petal

**PEDICEL:** medium length, strong to very strong anthocyanin colouration

**Origin and Breeding:** 'Fisnics Reddie' originated from a hybridization made in 2003, in Hillscheid, Germany between the female parent seedling 'K03-2482-1' and the male parent seedling 'K02-128-1'. The first selection occurred in Moncarapacho, Portugal in the spring of 2004. Cuttings from the selected seedling were taken back to Hillscheid, Germany for further examination and trial cultivation in the spring of 2005, and repeated in 2006. 'Fisnics Reddie' was selected based on flower colour, flower size, flower shape, growth characteristics and plant growth habit.

**Tests and Trials:** The detailed description of 'Fisnics Reddie' is based on the UPOV report of Technical Examination, application number IM 1099, purchased from the Bundessortenamt, Hannover, Germany. The trials were conducted by the Bundessortenamt in Hannover, Germany, in 2008. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for 'Fisnics Reddie'**

	'Fisnics Reddie'	'KLEI 01028'*	'Kiala'*	'Kimart'*
Colour of flower (RHS)				
eye zone	53B	N/A	46A	N/A

\*reference varieties



Impatiens: 'Fisnics Reddie'

**Proposed denomination:** 'Fisupnic Kirmag'  
**Trade name:** Super Sonic Magenta '08  
**Application number:** 07-5811  
**Application date:** 2007/03/30  
**Applicant:** Syngenta Crop Protection AG, Basel, Switzerland  
**Agent in Canada:** Westcan Greenhouses Limited, Langley, British Columbia  
**Breeder:** Birgit Hofmann, Bendorf, Germany

**Description:**

**PLANT:** tall, broad, medium to strong anthocyanin colouration on upper third of shoot

**LEAF BLADE:** medium to long, medium width, medium to large length to width ratio, no markings on upper side, very weak to weak anthocyanin colouration on upper side, green between veins on lower side, red veins on lower side

**PETIOLE:** short, medium anthocyanin colouration on upper side

**FLOWER:** single, broad, one coloured, dark purple (RHS 53A-B) on upper side, small dark purple (RHS 46A) eye zone, broad to very broad upper petal, medium to broad lateral petal, medium to long lower petal

**PEDICEL:** medium to long, strong anthocyanin colouration

**Origin and Breeding:** ‘Fisupnic Kirmag’ originated from a hybridization made in the summer of 2003, in Hillscheid, Germany between the female parent seedling ‘K03-3186-1’ and the male parent seedling ‘K03-2428-2’. The first selection occurred in Moncarapacho, Portugal in the spring of 2004. Cuttings from the selected seedling were taken back to Hillscheid, Germany for further examination and trial cultivation in the spring through summer of 2005. ‘Fisupnic Kirmag’ was selected based on flower colour, flower size, flower shape, growth characteristics and plant growth habit.

**Tests and Trials:** The detailed description of ‘Fisupnic Kirmag’ is based on the UPOV report of Technical Examination, application number IM 1101, purchased from the Bundessortenamt, Hannover, Germany. The trials were conducted by the Bundessortenamt in Hannover, Germany, in 2008. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.



Impatiens: ‘Fisupnic Kirmag’

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