



## Canadian Food Inspection Agency



**Our vision:**

To excel as a science-based regulator, trusted and respected by Canadians and the international community.

**Our mission:**

Dedicated to safeguarding food, animals and plants, which enhances the health and well-being of Canada's people, environment and economy.

### Management of Variety Collections

### The Experience in Canada

**Seminar on DUS Testing**

**Geneva, March 19<sup>th</sup>, 2010**

**Michel Cormier, PBR Office, Ottawa, Canada**



## DUS Testing in Canada

- Canada has a “breeder testing” system for DUS
- Applicant/trial coordinator acting on applicant's behalf, conducts the trials
- Applicant/trial coordinator chooses the varieties of common knowledge to be compared to the candidate variety
- Applicant/trial coordinator records all observations and data for the candidate and all reference varieties



## Examination of DUS Trials

- Examiner from PBR Office visits the trials to confirm that they are conducted properly and the varieties used for comparison were appropriate
- Examiner takes observations, measurements and notes on the distinguishing characteristics and confirms that new variety is distinct and uniform
- Trial coordinator (applicant, breeder or agent) submits complete variety descriptions and comparative photos to PBR Office



## Trial locations in Canada

### *Agricultural Crops*

- Canadian varieties (67%) – trials conducted by breeder (both public and private breeding institutions)
- Foreign varieties (33%) – trials conducted by agent in Canada

### *Ornamentals*

- Foreign varieties (99%) – most trials conducted by one or two private DUS testing companies

### *Fruit Crops*

- Canadian varieties (45%) – trials conducted by breeder or agent
- Foreign varieties (55%) – trials conducted by agent

### *Vegetable Crops including Potatoes*

- Foreign varieties (85%) – trials conducted by agent
- Private DUS testing company for potatoes

## Variety collections

Key points regarding variety collections and selection of most similar varieties of common knowledge for use in Canadian trials are:

- ✓ the Canadian Plant Breeders' Rights office does not maintain a collection of any living plant material
- ✓ the selection of the most similar varieties for comparison in the DUS trials is the responsibility of the applicant or the agent/trial coordinator who is conducting the trials

The role of the PBR Office is to:

- ❖ advise the applicant/agent on what to consider when selecting reference varieties of common knowledge
- ❖ confirm that the reference varieties used for comparison are appropriate

## Selection of reference varieties

The “collection” of varieties of common knowledge for some crops is very large. Some considerations are:

- Experience and the knowledge of crop experts
- Grouping characteristics listed in TG's can be used to eliminate varieties from growing trial
- Other useful characteristics are climatic adaptability, day length response
- Variety descriptions are used to establish acceptability when plant material for a variety cannot be obtained due to unavailability or import restrictions
- Sources of variety information include trade catalogues, scientific publications, internet searches, searchable industry organization databases
- PBR database of variety descriptions, Variety Registration Office database (internal for national listing of varieties), industry databases, cooperation between members of UPOV

## Candidate vs Reference Varieties The proof of distinctness



## Agricultural Crops

### Variety Collections:

- Living plant (seed) collections held at breeder's premises
- Knowledge and experience
- Crop committee databases such as
  - OOPSCC
  - Canola Council
  - Prairie Grain Development Cte
  - Ontario Corn Committee
- Variety registration office (gov't) database
- Plant Breeders' Rights Office database and website



# Variety Registration Office (VRO) National Listing – Searchable database

Product Registration System - [Report Parameters for Variety Description]

Report Language: English

Crops Varieties Dates **Traits** Options Breeders Representatives Others

Display Standard Traits Only

| Trait  | Trait Values       |
|--|--------------------|
| <input checked="" type="checkbox"/> Stem colour at maturity        |                    |
| <input checked="" type="checkbox"/> Stem exertion                  |                    |
| <input checked="" type="checkbox"/> Collar shape                   |                    |
| <input checked="" type="checkbox"/> No. stem nodes                 |                    |
| <input checked="" type="checkbox"/> Culm neck shape                |                    |
| <input checked="" type="checkbox"/> Stem thickness                 |                    |
| <input checked="" type="checkbox"/> <b>Spike Traits</b>            |                    |
| <input checked="" type="checkbox"/> Head shape                     | parallel (strap)   |
| <input checked="" type="checkbox"/> Lateral kernel overlapping     |                    |
| <input checked="" type="checkbox"/> Head density                   |                    |
| <input checked="" type="checkbox"/> Head length                    |                    |
| <input checked="" type="checkbox"/> Head attitude                  |                    |
| <input checked="" type="checkbox"/> Head waxiness                  |                    |
| <input checked="" type="checkbox"/> Sterile spikelet attitude      | divergent          |
| <input checked="" type="checkbox"/> Rachis first segment length    |                    |
| <input checked="" type="checkbox"/> Rachis first segment curvature |                    |
| <input checked="" type="checkbox"/> Rachis margin pubescence       | strongly pubescent |
| <input checked="" type="checkbox"/> Glume length                   |                    |

Record: 38/107 <OSD> <DBG>

# Variety Registration Office (VRO) National Listing

var\_description: Preview

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2010-02-23 14:34:51

## Variety Description

**Variety Name:** BENTLEY **Crop Kind:** BARLEY, TWO-ROW, SPRING

**Registration Number:** 6489 **Registration Date:** 2008-07-25  
**Experimental Number:** H93103004, TR05669, FB 414 **Expiry Date:**  
**Registration Status:** National Registration **Reinstated Date:**  
**Cancellation Date:**

**Regions:**

**Terms & Conditions:**

**Breeder:** ALBERTA AGRICULTURE, LACOMBE, ALBERTA

**Canadian Representative:** ALBERTA AGRICULTURE, FOOD & RURAL DEVELOPMENT **Phone:** 403-782-8690 **Fax:** 403-782-5514

**Canadian Distributor(s):** CANTERRA SEEDS

**Young Plant Traits**

|                             |            |                              |          |
|-----------------------------|------------|------------------------------|----------|
| Seeding growth habit .....  | semi-erect | Leaf sheath pubescence ..... | glabrous |
| Coleoptile colour .....     | green      | Leaf blade pubescence .....  | glabrous |
| Coleoptile elongation ..... | medium     | Leaf sheath colour .....     | green    |

Plant Traits at Post-harvest Stage

## VRO Descriptions (cont'd)

var\_description: Preview

File View Help

Page: 90

**Canadian Representative:**  
ALBERTA AGRICULTURE, FOOD & RURAL DEVELOPMENT  
Phone: 403-782-8690 Fax: 403-782-5514

**Canadian Distributor(s):** CANTERRA SEEDS

**Young Plant Traits**

Seeding growth habit ..... semi-erect  
Coleoptile colour ..... green  
Coleoptile elongation ..... medium

**Plant Traits at Booting Stage**

Leaf colour ..... medium green  
Leaf waxiness ..... slight  
Auricle pubescence ..... glabrous  
Flag leaf blade pubescence ..... glabrous  
Flag leaf sheath waxiness ..... pronounced

**Plant Traits after Heading**

Time to maturity ..... 98  
Plant height at maturity (cm) ..... 88  
Stem exertion ..... slight (0-3 cm)  
No. stem nodes ..... 5  
Stem thickness ..... thick

**Spike Traits**

Glume length ..... medium  
Glume hair position ..... confined to band  
Glume hair length ..... short  
Glume awn length ..... equal to length of glume  
Glume awn barbs ..... rough  
Glume awn tip colour ..... green  
Lemma awns ..... long (longer than spike)  
Lemma awn barbs ..... smooth to semi-smooth  
Lemma awn tip colour ..... green  
Lemma lateral veins ..... with few barbs

Head shape ..... parallel (strap)  
Lateral kernel overlapping ..... none  
Head density ..... medium  
Head length ..... medium (5)  
Head attitude ..... semi-erect  
Head waxiness ..... slight  
Sterile spikelet attitude ..... divergent  
Rachis first segment length ..... medium  
Rachis first segment curvature ..... weak  
Rachis margin pubescence ..... strongly pubescent

## Agricultural Crop Committees

Committees are crop specific and are composed of members representing:

- Federal Ministry of Agriculture
- Provincial Ministries of Agriculture
- Producer Associations
- Soil and Crop Improvement Associations
- Seed Trade Association
- University Faculties of Agriculture and Crop Science

Committees oversee the conduct of multi-location, multi-year, cooperative performance trials (VCU) for all new varieties – they analyse and report on the data and recommend varieties for national listing

# Crop Committee Websites

OOPSCC Home Page - Microsoft Internet Explorer

Address: <http://www.oopsc.org/index.php>

GO SOY.CA

OOPSCC  
ONTARIO OIL AND PROTEIN SEED CROP COMMITTEE

OOPSCC Home Soybean Home Canola Home News & Events Site Map

Welcome to the OOPSCC Website, your source of information for soybean and canola varieties tested for performance under Ontario growing conditions.

Canadian Food Inspection Agency Agence canadienne d'inspection des aliments

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# Soybean variety selection OOPSCC website

OOPSCC Interactive Table 1 - Microsoft Internet Explorer

Address: [http://www.oopsc.org/call\\_T1interactive.php](http://www.oopsc.org/call_T1interactive.php)

OOPSCC Home General Information Performance Publications ViPP Historical News Site Map

**ViPP**  
Variety Information and Performance Profile  
Variety Selection (Interactive Table 1)

Select the traits of the varieties to be shown on Table 1 (or leave them as they are for full Table 1):

Heat Unit Rating: Any

Hilum: Black Flower: Purple Pubescence: Towry

Roundup Ready?: Doesn't matter SCN Resistant?: Doesn't matter

Low Linolenic Acid?: Doesn't matter Distributor: All Distributors

Reset Show Table 1

Canadian Food Inspection Agency Agence canadienne d'inspection des aliments

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# Variety Selection Results OOPSCC website

OOPSCC Variety Selection - Microsoft Internet Explorer

Address: [http://www.oopsc.org/output\\_t1\\_interactive.php](http://www.oopsc.org/output_t1_interactive.php)

## Ontario Soybean Variety Selection Results

Click on a variety name to view detailed agronomic information in a new window.

[Start a new search](#)

18 Selected Varieties: Black Hilum, Purple Flower, Tawny Pubescence.

| Variety                     | Notes | Roundup Reaction | Heat Unit Rating | Hilum Colour | Seeds per Kg | Phytophthora % Plant Loss** | Seed Availability | Distributor                  |
|-----------------------------|-------|------------------|------------------|--------------|--------------|-----------------------------|-------------------|------------------------------|
| <a href="#">PS 0027 RR</a>  | 1k    | RR               | 2450             | BL           | 6100         | 2*                          |                   | PRIDE Seeds                  |
| <a href="#">24-52R</a>      |       | RR               | 2475             | BL           | 5500         | 5                           |                   | DEKALB Monsanto Canada Inc.  |
| <a href="#">25-52R</a>      | 1k    | RR               | 2550             | BL           | 5300         | 1                           |                   | DEKALB Monsanto Canada Inc.  |
| <a href="#">90M40</a>       | 1k    | RR               | 2575             | BL           | 5900         | 2                           |                   | Pioneer Hi-Bred Ltd.         |
| <a href="#">PRO 2615R</a>   | 1k    | RR               | 2600             | BL           | 5400         | 4                           |                   | PRO Seeds of Canada          |
| <a href="#">26-55R</a>      | 1k    | RR               | 2650             | BL           | 6200         | 3                           |                   | DEKALB Monsanto Canada Inc.  |
| <a href="#">27-07R</a>      |       | RR               | 2700             | BL           | 6000         | 2                           |                   | DEKALB Monsanto Canada Inc.  |
| <a href="#">2606RR</a>      |       | RR               | 2750             | BL           | 6500         | 4                           |                   | Dow AgroSciences Canada Inc. |
| <a href="#">28-03R</a>      | 1k    | RR               | 2800             | BL           | 5500         | 5                           |                   | DEKALB Monsanto Canada Inc.  |
| <a href="#">SN152RR</a>     | SCN   | RR               | 2850             | BL           | 7100         | 8                           |                   | Dow AgroSciences Canada Inc. |
| <a href="#">HS 11R46</a>    |       | RR               | 2850             | BL           | 5200         | 3                           |                   | Hyland Seeds                 |
| <a href="#">RCAT MatRix</a> |       | RR               | 2850             | BL           | 5300         | 5                           |                   | SeCan                        |

# Info on specific variety

OOPSCC Soybean Variety Information - Microsoft Internet Explorer

Address: [http://www.oopsc.org/variety\\_info.php?id=30140](http://www.oopsc.org/variety_info.php?id=30140)

## Results for 2600 Heat Unit Zone ( RR Test)

|                              |                   | 1 year average | 2 year average | 3 year average | 4 year average | 5 year average |
|------------------------------|-------------------|----------------|----------------|----------------|----------------|----------------|
| Days to Mature               | <b>PRO 2615R</b>  | <b>124.5</b>   | <b>122.7</b>   | <b>119.4</b>   | <b>117.6</b>   | --             |
|                              | 2600 RR Test Avg. | 125.0          | 124.2          | 122.4          | 120.3          | 119.3          |
| Yield (T/ha)                 | <b>PRO 2615R</b>  | <b>2.91</b>    | <b>3.23</b>    | <b>2.97</b>    | <b>3.17</b>    | --             |
|                              | 2600 RR Test Avg. | 3.22           | 3.40           | 3.22           | 3.37           | 3.47           |
| Yield (bu/ac)                | <b>PRO 2615R</b>  | <b>43.1</b>    | <b>47.8</b>    | <b>44.0</b>    | <b>47.0</b>    | --             |
|                              | 2600 RR Test Avg. | 47.8           | 50.4           | 47.7           | 50.0           | 51.4           |
| Plant Height (cm)            | <b>PRO 2615R</b>  | <b>79</b>      | <b>87</b>      | <b>83</b>      | <b>86</b>      | --             |
|                              | 2600 RR Test Avg. | 78             | 85             | 84             | 86             | 90             |
| 100 Seed Weight (g)          | <b>PRO 2615R</b>  | <b>18.2</b>    | <b>18.6</b>    | <b>18.4</b>    | <b>18.6</b>    | --             |
|                              | 2600 RR Test Avg. | 16.9           | 17.5           | 17.6           | 18.0           | 18.1           |
| Protein (%DM)                | <b>PRO 2615R</b>  | <b>40.6</b>    | <b>40.9</b>    | <b>41.3</b>    | <b>41.3</b>    | --             |
|                              | 2600 RR Test Avg. | 40.8           | 41.1           | 41.5           | 41.4           | 41.1           |
| Oil (%DM)                    | <b>PRO 2615R</b>  | <b>20.7</b>    | <b>20.6</b>    | <b>20.5</b>    | <b>20.7</b>    | --             |
|                              | 2600 RR Test Avg. | 20.2           | 20.2           | 20.3           | 20.5           | 20.7           |
| Lodging (1=standing, 5=flat) | <b>PRO 2615R</b>  | <b>1.4</b>     | <b>1.5</b>     | <b>1.8</b>     | <b>1.6</b>     | --             |
|                              | 2600 RR Test Avg. | 1.6            | 1.6            | 1.7            | 1.6            | 1.6            |



# Crop Committee Website Prairie Grain Development Committee

**Prairie Grain Development Committee**  
Last updated February 20th, 2010

**Our Mandate**  
**PGDC Structure**  
**Committees**  
Wheat, Rye & Triticale  
Oat & Barley  
Pulse & Special Crops  
Oilseeds

**About PGDC**  
The Prairie Grain Development Committee (PGDC), formerly known as the Prairie Registration Recommending Committee for Grain (PRRCG), is a forum for the exchange of information relevant to the development of improved cultivars of grain crops for the western Canadian prairies.  
The PGDC facilitates the annual meeting of the prairie grain recommending committees, as well as providing an opportunity for scientific discussion and communication of research priorities for the improvement of the prairie grain sector.

# Industry Association Website Canola Council of Canada

**canolacouncil**  
The comprehensive website for canola information from the Canola Council, representing canola growers, input suppliers, researchers, processors and marketers of canola and its products.

Home | Contact | Español

Home | Canola Oil | Buy Canola | Grow Canola | Canola Biodiesel | Canola Meal | Canola Industry

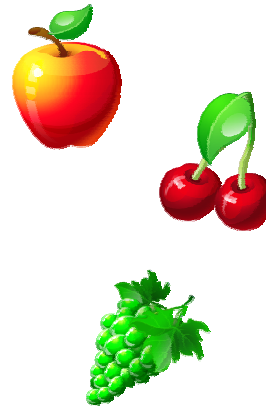
**Grow Canola**  
**Canola Industry**  
The Power of **YELLOW**  
PLAY AGAIN  
**Canola News**

## Searchable Variety Database Canola Council of Canada

## Fruit Crops

### Variety Collections:

- Living plant collections exist at public and private research orchards such as
  - Pacific Agri-Food Research Centre, B.C.
  - AAFC Atlantic Research Centre, N.S.
  - Vineland Station, U of Guelph, Ontario
  - AAFC, St. Jean-sur-Richelieu, Québec
  - Simcoe Research Station, U of Guelph, ON
- Personal knowledge and experience
- Reference material – books, internet, scientific publications, trade catalogues



# Living Plant Collections



# Reference Books

## Descriptions of varieties adapted to Eastern and Central Canada

Our Apples - Book - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://www.cyberfruit.info/book-poster/apple-book/index.asp>

**Reviewers**

- Technical assistants
- Contents
- Index of apple cultivars
- Editor
- Example of a page (PDF format)
- Format (PDF format)
- Demo - (PDF format)
- Order

Click here to get Acrobat Reader

Get Adobe Reader

**Our Apples**  
*Les pommiers de chez nous*

Shahrzoh Khanizadeh  
Johanne Cousineau

Our Apples  
*Les pommiers de chez nous*

A description of over 250 apple cultivars grown in Eastern and Central Canada including 400 photographs of the fruits, flowers and leaves

CD version of the book for PC and Mac

Download, View & Print the cover page (format PDF)

start Microsoft Po... Novell GroupWis... WordPerfect 10... Our Apples - Boo... 2:04 PM

## Reference Books

**Acknowledgements**  
**Contents**  
**Index of strawberry cultivars**  
**Demo** - (PDF format)  
**Order**

Click here to get Acrobat Reader

**BACK**

**Our Strawberries**  
Jennifer DeEil

*Our Strawberries*  
*Les Fraises de chez nous*

Canada

A description of over 170 strawberry cultivars including photographs of the plants, fruits, flowers, pollen and leaves

**Our Strawberries**  
A description of over 170 strawberry cultivars including photographs of the plants, fruits, flowers, pollen and leaves  
includes 1500 royalty free images

CD version of the book for PC and Mac

Download, View & Print the cover page (format PDF)

## Ornamental Crops

### Variety collections:

- No living plant collections
- Knowledge and experience of plant experts (“mental collections”)
- Trade catalogues
- Searchable company databases and online catalogues
- COPF website
- Canadian PBR Office website
- Other PBR Office websites



# Industry Searchable Database Syngenta

**Syngenta Flowers**

SEARCH

Home | Ask a Question


**PRODUCTS**    **TECHNICAL SUPPORT**    **RESOURCES**

## Varieties

Following are the Varieties available through Syngenta Flowers. You can narrow your search results by using the search tools on the right. Click on the plant to enlarge and review its **Description** and **Growing Guidelines**.

Plants Per Page:   view with more detail

Total Records Returned: 4

 **New Guinea Impatiens Sonic® Light Lavender**

Plant Name Search  
Choose A Plant Category  
New Guinea Impatiens

Search By Keyword

All Words     Any Words    [Clear Search](#)


**Refine Your Search**  
Choose one or more attributes to refine your plant search

Flower Color

# Search Results

Plants Per Page:   view with more detail

Total Records Returned: 4

 **New Guinea Impatiens Sonic® Mango**

Unique mango-orange flowers are very attractive; dark green foliage. Sonic® New Guinea Impatiens have extra-large flowers and a compact to medium growth habit. They are versatile plants that can be used from 4-inch pots all the way up to hanging baskets. Sonics have award-winning performance in the landscape and do well both in landscape beds and containers.

All Words     Any Words    [Clear Search](#)

**Refine Your Search**  
Choose one or more attributes to refine your plant search

Flower Color

- Bi-Color
- Blue
- Bronze
- Burgundy
- Coral
- Lilac
- Magenta
- Orange
- Pink
- Purple
- Red

# Canadian Ornamental Plant Foundation

Plants - Microsoft Internet Explorer

Address: <http://www.copf.org/plants.asp>

COPF - Canadian Ornamental Plant Foundation

**COPF** Tap into our network.

Member Login | Picture Gallery | Home | Plants | Forms | Members | News | About | Links | Contact

**Submenu**

- Descriptions
- Sources
- PBR Plants
- CDs/Posters/Books

**Plants**

Click [Descriptions](#) in the menu to the left to view our searchable plant database.

If you are a COPF Member, you can [login](#) and view ALL the information associated with a plant including the PBR#, US Patent#, International Patent#, Rate, etc.

View a list of plants with Plant Breeders' Rights by clicking on [PBR Plants](#).

To see our publications, go to [CDs/Posters/Books](#).

1-800-265-1629

# Industry Searchable Database Ball FloraPlant

Growers - Advanced Search - Microsoft Internet Explorer

Address: <http://www.ballhort.com/Growers/advancedsearch.aspx>

Advanced Search » Alstroemeria » Pink/Rose

Class:

Plant Category:

Plant Color:

Plant Features:

Plant Uses:

Bloom Season:

Growing Habits:

Exposure:

Hardiness:  (will exclude annuals)

Search by scientific, variety, or common name.

**Quick Links**

- New Varieties
- Annuals
- Perennials
- Ornamental Grasses
- Burpee Home Gardens Vegetables
- Shrubs
- Vegetables
- Tropicals
- Cut Flower
- Mums

3 plants    Show  per page    Page 1 of 1

**Alstroemeria Jazze™ Deep Rose**  
Propagation: Seed  
[Culture Sheet](#)  
[More information](#)

**Alstroemeria Jazze™ Purple Rose**  
Propagation: Seed  
[Culture Sheet](#)  
[More information](#)

## Supplementary Procedures

### Publication of the *Plant Varieties Journal*

- Previously hard copy, now on the CFIA website since 2006
- Published 4 times a year
- All variety descriptions and comparative photos remain on website and can be accessed at any time
- Six month objection period commences on day the variety description, photos and details of the DUS trials are posted online
- Anyone may object to, or comment on, the published information
- Transparency of the system allows for peer review

## Plant Varieties Journal



The screenshot shows a Microsoft Internet Explorer browser window displaying the Canadian Food Inspection Agency website. The address bar shows the URL: <http://www.inspection.gc.ca/english/plaveg/pbrpov/journal/journal74e.shtml>. The page content includes a navigation menu with links for Français, Home, Contact Us, Help, Search, and canada.gc.ca. The main heading is "Plant Varieties Journal Number 74 - January 2010". Below this, there is a section titled "About the CFIA" with sub-sections for Overview, Acts and Regulations, and Subjects. The Subjects section lists Food, Animals, Plants, and Plant Breeders' Rights. The Plants section includes links for Barley, Chrysanthemum, and Dahlia. The Plant Breeders' Rights section includes a link for "Grant of Rights (pdf 133kb)". The page also displays the ISSN: 1911-1479, PO698E-10, and the publication date: January 29, 2010. The Windows taskbar at the bottom shows several open applications and the system clock at 3:45 PM.

# Plant Varieties Journal

## Variety description and summary of distinctness

### KLEP04112

**(Pelargonium)**

**Denomination:** 'KLEP04112'  
**Trade name:** Glacier White  
**Botanical Name:** *Pelargonium peltatum*  
**Applicant/Holder:** Klemm, Nils  
 Hanfäcker 10  
 70378  
 Stuttgart  
 Germany  
 Tel: 0711/95325-0  
 Fax: 0711/95325-50  
 Nils Klemm, Stuttgart, Ger  
 Brenda Cole  
 BioFlora Inc.  
 R.R. #1, 38723 Fingal Line  
 St. Thomas, Ontario  
 N5P 3S5  
 Canada  
 Tel: 519-631-6241  
 Fax: 519-631-0056

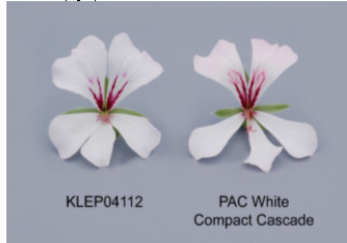
**Breeder:**  
**Agent in Canada:**

**Application Date:** 2004-03-24  
**Application Number:** 04-4133  
**Grant of Rights Date:** 2007-11-28  
**Certificate Number:** 3080  
**Grant of Rights Termination Date:** 2025-11-28

### Comparison table for 'KLEP04112'

|   |                              |
|---|------------------------------|
| 'KLEP04112'                                       | 'PAC White Compact Cascade'* |
| <b>Colour of upper flower petal marking (RHS)</b> |                              |
| N79C, N78A  | S9A, S8C                     |
| *reference variety                                |                              |

Pelargonium: 'KLEP04112' (left) with reference variety 'PAC White Compact Cascade' (right)



### Variety Description

# PBR Office Website

## Search by common name or botanical name

Canadian Food Inspection Agency - List of Varieties by Crop Kind - Microsoft Internet Explorer

Address: <http://www.inspection.gc.ca/english/plaveg/pbrpov/cropreport/level2e.shtml>

**Canadian Food Inspection Agency**  
 www.inspection.gc.ca

Français | Home | Contact Us | Help | Search | canada.gc.ca

Plants > Plant Breeders' Rights > Crop Reports

### List of Varieties by Crop Kind

| Agricultural                        | Horticultural         |
|-------------------------------------|-----------------------|
| Alfalfa                             | Abelia                |
| Annual Bluegrass                    | African Daisy         |
| Annual canarygrass                  | African Violet        |
| Awned Wheatgrass                    | Ageratum              |
| Barley                              | Ajuga                 |
| Bean                                | Astroemeria           |
| Blue Grama                          | Amur Cherry           |
| Bluegrass                           | Angelonia             |
| Bromegrass hybrid (Smooth X Meadow) | Anthurium             |
| Buckwheat                           | Appalachian Arrowhead |
| Canola                              | Apple                 |
| Canola Quality Oriental Mustard     | Apricot               |
| Chickpea                            | Argyranthemum         |

Done | start | Micr... | Novell... | WordP... | 2 Int... | Presen... | Docum... | EN | 3:52 PM



## Summary

- In Canada's breeder-testing system the management of reference collections is not under the control of the authority
- The first and most important source of information regarding reference varieties is the breeder and other crop experts
- All varieties must be considered – not only protected ones
- There are a range of types of variety collections, privately and publicly maintained, which are available to those who must select reference varieties for DUS trials
- PBR Office will advise and at times question the choice of reference varieties used in a trial
- Full publication in PVJ for 6 months before granting rights provides transparency and opportunity for objection from other experts



Canada