

New Cool Plants from COPF

These are four of the 87 new plants registered with COPF during the last three months. They have been randomly selected. Breeders registering plants with COPF are welcome to request to have their plants included in this article.

The NDSU Research Foundation has registered 17 new woody plant cultivars with COPF so Canadian nurseries can help support their new introductions program. *Aesculus* 'Bergeson' Prairie Torch® is one of them.

A very winter hardy hybrid buckeye selected in northwestern Minnesota. Introduced by North Dakota State University (NDSU) in collaboration with Bergeson Nursery, Fertile, MN. In NDSU trials, it grew faster than most buckeyes in the first 10 -15 years. The form is dense and global, becoming mushroom-shaped in time. The mature height is only 6-8 m. (20 – 28') with a spread of 6.7 – 8.5 m.(22-28'). The foliage is of high quality, fairly coarse-textured and typically composed of seven leaflets, which decline downward in an umbrella-like fashion. The fall colour is usually brilliant orange-red. Flowers are light yellow tinged greenish against dark green foliage. Cold hardy to USDA Zone 3.



***Aesculus* 'Bergeson'
Prairie Torch® buckeye**

The NDSU Research Foundation is an independent, not-for-profit organization that facilitates the transfer of NDSU intellectual property to the marketplace. The Foundation supports North Dakota State University in its teaching, research, and public service missions through the establishment of linkages with businesses around the world. For more information go to <http://ndsuresearchfoundation.org/horticulture.htm>.

Global™ Light Lavender ivy geranium

Pelargonium peltatum 'Oglger13067'

This series has been bred for tolerance to heat and odema. The mounding habit is round or "global". Has strong, short internodes and large, semi-double flowers. Bred by David Lemon. CPBRAAF, USPP# 10513.



David Lemon, breeder for Ecke Geraniums, LLC was honoured in 2006 for his lifetime of breeding achievements by the All America Selections (AAS) with the Breeders' Cup Trophy. The new varieties David Lemon bred in marigolds, geraniums, and sweet peas set a new standard for the classes. For more information on Global™ Light Lavender and other introductions, go to www.ecke.com or www.oglevee.com.

***Echinacea purpurea* 'Coconut Lime' Cone-fections™**

This new introduction from Arie Blom has novel lime green blooms. The center of each bloom begins medium green and changes to light lime green as it ages. At the same time, the petals retain a hint of lime on a creamy white background. Grows 60-80 cm (24-30") high and wide. Hardy to zones 5-9. CPBRAAF, USPPP, and EECPBRAF.



Arie Blom of AB-Cultivars in The Netherlands started by introducing *Echinacea purpurea* 'Pink Double Delight', part of the Cone-fections™ series. Combining superior genetics and breeding know-how, Arie Blom has developed unique, improved selections of coneflower which rival and complement one of today's most popular perennials. Presently, there are five *Echinacea* cultivars in production, licensed through Plants Nouveau in the US and COPF in Canada. See www.plantsnouveau.com for more information.

Carousel Dark Red poinsettia

Euphorbia pulcherrima

In the US consumer trials for poinsettia earlier this year, 'Carousel Dark Red', which is a very dark red version of 'Carousel Red', made a significant impression. At the Homewood Nursery trials, it was one of the top five choices and one of the top five novelty cultivars at North Carolina State University. Like 'Carousel Red', the bracts are small with wavy edges. Discovered by Mr. Shoji Gotou in his greenhouses in Japan, as a whole plant mutation from the variety Future/Carousel Red. Introduced by Fischer. CPBRAAF, USPPP# 17657



Fischer started breeding poinsettia in 1991, under the direction of Katharina Zerr. The first varieties were introduced in 1994. The objectives of their breeding program are:

- relatively compact and well-branched varieties that do not need a lot of growth regulator
- varieties that can be grown at moderately warm temperatures
- stable, deep red color, that does not fade at higher temperatures in early crops.
- range of colours that can be grown under the same cultivation regime.