



**APPLICATIONS UNDER EXAMINATION**

**STRAWBERRY**

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(*Fragaria ×ananassa*)

**Proposed denomination:** 'Roseberry'  
**Application number:** 08-6155  
**Application date:** 2008/01/30  
**Applicant:** Agriculture & Agri-Food Canada, Saint-Jean-sur-Richelieu, Quebec  
**Agent in Canada:** Ann de St. Remy, Agriculture & Agri-Food Canada, Lacombe, Alberta  
**Breeder:** Shahrokh Khanizadeh, Agriculture & Agri-Food Canada, Saint-Jean-sur-Richelieu, Quebec

**Variety used for comparison:** 'Rosalyne'

**Summary:** 'Roseberry' has a spreading growth habit while it is semi-upright for 'Rosalyne'. 'Roseberry' has strong plant vigour while it is medium in 'Rosalyne'. The stolons of 'Roseberry' have medium to strong anthocyanin colouration and medium pubescence while in 'Rosalyne' they have a very strong anthocyanin colouration and dense pubescence. 'Roseberry' has many flowers per inflorescence while it is medium number in 'Rosalyne'. The flowers of 'Roseberry' are larger and a slightly darker blue pink than 'Rosalyne'. 'Roseberry' has large fruits while they are very small to medium in size for 'Rosalyne'. 'Roseberry' has dark red fruits while they are medium red for 'Rosalyne'. The fruit shape of 'Roseberry' is globose while it is conical for 'Rosalyne'.

**Description:**

**PLANT:** day neutral, very early beginning of fruit ripening, spreading growth habit, medium density of foliage, strong vigour, medium number of stolons

**STOLON:** medium to strong anthocyanin colouration, medium pubescence

**LEAF:** medium size, medium green, absent or very weak blistering, medium glossiness, variegation present

**TERMINAL LEAFLET:** much longer in relation to width, obtuse base, serrate to crenate margin, concave in cross-section

**PETIOLE:** medium length, slightly outward attitude of hairs, absent or very weak anthocyanin colouration

**INFLORESCENCE:** very early beginning of flowering, positioned at the same level to above the level of the foliage, many flowers, horizontal attitude of hairs on the pedicel

**FLOWER:** petals overlapping, smaller calyx in relation to corolla, stamens present

**PETAL:** length much shorter in relation to width, blue pink (RHS 67C) colour

**FRUIT:** moderately shorter to equal length in relation to width, large size, globose, slight difference in shape of terminal fruit to others, dark red, even or very slight evenness of colour, medium glossiness, slightly uneven surface, medium width of band without achenes, achenes level with surface, calyx attachment level with fruit, outwards to downwards attitude of sepals, same size to slightly larger diameter calyx in relation to fruit diameter, medium adherence of calyx, soft to medium firmness, medium red flesh, white core, absent or small cavity

**Origin and Breeding:** 'Roseberry' was developed from the cross made in 1994, in St-Jean-sur-Richelieu, Quebec of, 'SJ8518-11' x ('SJ9616-1' x 'Pink Panda'). A plant was selected based on pink flowers, large fruit size and resistance to leaf diseases in 1996 for further testing.

**Tests and Trials:** Tests and trials were conducted in L'Acadie, Quebec during the summer of 2009. Plots consisted of 10 plants in a 1.5 metre straw matted row with a plant spacing of 15 centimetres within the row and a row spacing of 1.7 metres. There were 3 replicates.

**Comparison table for 'Roseberry'**

|                      | 'Roseberry' | 'Rosalyne'* |
|----------------------|-------------|-------------|
| Flower diameter (cm) |             |             |
| mean                 | 2.74        | 2.12        |
| std. deviation       | 0.08        | 0.15        |

\*reference variety



Strawberry: 'Roseberry' (left) with reference variety 'Rosalyne' (right)



Strawberry: 'Roseberry' (left) with reference variety 'Rosalyne' (right)