



2005 Annual Trials

a Partners in Parks project

Observations of AAS Award Winning varieties under average Edmonton conditions by members of the Edmonton Horticultural Society. A Partners in Parks project with the City of Edmonton's Parkland Services and Muttart Conservatory .



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Muttart Annual Beds 2005

The Edmonton Horticultural Society plants and maintains annual beds at the Muttart Conservatory. The beds are located on the west side of the parking lot. Volunteers do the planting in early June and then maintain the beds on a weekly basis until October when the beds are cleared and dug ready for the following year. In 2004 the EHS Board decided to return to the practice of planting AAS Award Winning plants to evaluate how they would respond to certain conditions in Edmonton. It was felt that such information would be of interest to members.

The Muttart Committee decided which plants to trial and where they would be located in the beds. As this was not a formal trial site, some consideration was given to height, colour combinations and design. The plants were evaluated on a weekly basis from June to September. The information gathered will be in the Gardener's Gate and also a report will be on file at the EHS office.

Some of the AAS Award Winners that may be planted in 2006 include:

Dianthus 'Supra Purple'	Nicotiana 'Deep Purple'
Salvia 'Evolution'	Zinia 'Zowie Yellow Flame'

Committee members:

Bruce Petterson	-Chair
Sylvia Forrow	-Perennial Bed
Donna Hamel	-Muttart Conservatory
Gillian Evans	-EHS Board member. Plant evaluator



AAS Quality Award Winner 2003

Botanical name: *Agastache foeniculum* 'Golden Jubilee'

Common Name: Anise Hissop

Height: 20 inches

Spread: 10-15 inches

Leaves: Serrated lance shaped, born in opposite pairs.
Anise fragrance and taste.
Golden colour 2-3 inches in length

Bloom: Mid to late summer
Lavender spikes
Small 2 lipped tubular flowers in whirls

Performance: Stiffly upright bushy plant.
Attractive to butterflies and hummingbirds.
Good resistance to insects and disease.
Not affected by rain.
Going to seed by end of August



AAS Flower Award Winner 2004

Botanical name: *Alcea rosea* 'Queeny Purple'

Common Name: Hollyhock

Height: 20-30 inches

Spread: 24 inches

Foliage: Very large rounded light green leaves, roughly hairy with shallow lobes

Bloom: Pinky-purple fully double flowers. Frilly edged petals with a "powder puff" cushion centre, 3-4 inches in diameter.
Produced abundantly on compact branching plants
Bloomed late July to frost

Performance: Nice bushy upright plant with lots of colourful blooms.
Prefers full sun, but did quite well in partial shade
Good resistance to disease, pests and rain
This is the shortest *Alcea rosea* and the first purple hollyhock available as a single colour not part of a mixture



AAS Flower Award 2002

Botanical name:	Cleome hassleriana 'Sparkler Blush'
Common name:	Spider Legs, Grandfather's Whiskers
Height:	24-36 inches
Spread:	24-30 inches
Leaves:	5-7 palmate minutely toothed glandular hairy leaves Dark green in colour. To 5 inches long
Bloom:	Pale pink blushed with white. Oblong to rounded petals produced in dense terminal raciness Blooms early to late summer
Performance:	Attractive to butterflies and hummingbirds Prefers heat and lots of sun Did much better in front of bed with more sun and in other sunny beds at Muttart Conservatory Died off in August



AAS Gold medal Winner 2003

Botanical Name: **Dianthus caryophyllus 'Can Can Scarlet'**

Common Name: **Wild Carnation**

Height: **12-16 inches**

Spread: **12 inches**

Leaves: **Mid green. Strong stems**

Bloom: **Double brilliant scarlet flowers**

Performance: **Disappointing. Although the plants were loaded with buds, they didn't start to bloom until late August. Require more heat and direct sun than provided. Attractive strong plant with good flower colour Resistant to disease and insect infestations**



AAS Bedding Plant Winner 2003

Botanical name: *Dianthus chensis* 'Corona Cherry magic'

Common name: China Pink, Indian Pink

Height: 7-9 inches

Spread: 8-10 inches

Bloom: Bicolour, Single blooms with fringed edges.
Cherry red, entirely lavender, or a mixture of both colours
Faint scent

Performance: Did very well. A nice colourful display.
Nice bushy rounded flat topped growth habit
Profusion of blooms, good colour
Excellent resistance to pests, rain and disease
Would benefit from dead heading
Good Resistance to disease, insects and rain



AAS Gold Medal Award Winner, Flowers, 2005

Botanical name: *Gaillardia aristata* 'Arizona Sun'

Common Name: Blanket Flower, Brown Eyed Susan, Firewheel

Height: 8-10 inches

Spread: 10-12 inches

Bloom: Single to 3 inches

Orange to red mahogany edged with bright yellow

Performance: Long blooming season, July to frost

Will attract butterflies

Did well in partial shade, would be more compact in full sun

Good resistance to disease, insects and rain

Good bright colour



AAS Quality Award Winner 2002

Botanical Name: *Gaillardia pulchella* 'Sundance Bicolor'

Common name: Blanket flower, Brown Eyed Susan.

Height: 10-12 inches

Spread: 15-18 inches

Blooms: Unique mahogany red yellow globe shaped flowers
July to frost

Performance: Plants receiving more sun performed better
Upright growth habit
Attractive colour
Good resistance to disease, insects and rain



AAS Award Winner – Bedding Plant 2004

Botanical Name: *Gypsophila muralis* ‘Gypsy Deep Rose’

Common Name: Cushion baby’s Breath

Height: 8-10 inches

Spread: 12-14 inches

Leaves: Lance like mid green to one and a half inches

Bloom: Double or semi-double, up to 3/8 inch

Dark rose in colour

Flowers cover the plant from June /July to frost

Performance: Nice little hemispherical shaped plant suitable for edging

Covered with blooms all summer

Excellent resistance to rain, pests and disease



AAS Winner Flower 2001

Botanical Name: *Helianthus annuus* 'Ring of Fire'

Common Name: Sunflower

Height: 4-5 feet

Spread: 2-3 feet

Bloom: Single. Chocolate centre surrounded by band of red with a golden edge
Five inches in diameter

Performance: Did only fair in partial shade
Requires full sun
Plants were 4 feet, branching but spindly
Flowers 3 inches in diameter
Good strong colour



AAS Bedding Plant Winner 2002

Botanical Name: Pelargonium zonale 'Black Velvet Rose'

Common Name: Geranium

Height: 10 - 14 inches

Spread: 14 - 18 inches

Foliage: Unusual bicoloured leaf with a black centre and green edge. Good contrast to flower

Bloom: Bright rose florets with small white eye

Performance: Did very well.
Strong plants with a nice bushy branching upright form.
Not affected by rain, resistant to disease and insects.
Does better in full sun and heat.



AAS Gold Medal Flower Award Winner 2003

Botanical Name: Pennisetum glaucum 'Purple Majesty'

Common name: Bullrush Millet

Height: 3-5 feet

Foliage: Long slender green grass blades turn purple in sun
Each blade has a red midrib/stripe down the centre.

Bloom: 8 – 12 inch flower spikes

Performance: Did better in the front of the bed with more sun.
An attractive plant for the back of the border.
Flower spikes may be cut for flower arrangements or left as winter interest and for the birds to snack on.
Good resistance to disease and insects.
Tolerant of heat and drought, but will respond strongly to
Early fertilizer application and light watering



AAS Bedding Plant Award Winner 2004

Botanical Name: **Petunia x hybrida grandiflora 'Limbo Violet'**

Height: **6-7 inches**

Spread: **10-12 inches**

Foliage: **Mid to dark green, alternate leaves**

Bloom: **Single grandiflora**
 Dark violet or purple
 Three inches in diameter

Performance: **Nice compact mounded growth habit**
 Good strong colour. Lots of flowers
 Filled in nicely in bed
 Would have benefited from dead heading after rain
 Good disease and insect resistance



AAS Winner 2003

Botanical; name:	Petunia x hybrida multiflora 'Merlin Blue Morn'
Height:	14-18 inches
Spread:	15-18 inches
Foliage:	Mid to dark green alternate leaves
Bloom:	Single. White centres progress to velvety blue on the outer edges. Free flowering June to August
Performance:	Nice bushy compact plant. Profusion of blooms. Would benefit from dead heading Excellent resistance to disease and pests Withstood rain and wind very well Enjoys sun



AAS Gold Medal Winner 2003

Botanical Name: Rudbeckia hirta 'Prairie Sun'

Common Name: Black Eyed Susan

Height: 3 feet

Spread: 18-20 inches

Foliage: Mid green

Bloom: Five inch petals
Golden-yellow tipped with primrose-yellow
Some variety in colour, gold or yellow.
Some had green centres others had a mahogany splash
Lots of blooms July to frost
In partial shade need staking
Good resistance to disease, insects and rain



AAS Winner 2001

Botanical name: Rudbeckia 'Cherokee Sunset'

Common Name: Gloriosa Daisy. Black Eyed Susan

Height: 24-30 inches

Spread: 12 inches

Bloom: Double or semi-double flowers 3 inches in diameter
Yellow, orange, bronze, mahogany shades

Performance: Good colour
Maybe more compact form in full sun, but did quite well
in partial shade
Good resistance to disease and insects



AAS Gold Medal Flower Winner 2002

Botanical name: Viola 'Ultima Morpho'

Common Name: Pansy, Violet

Height: 5-8 inches

Spread: 8-10 inches

Bloom: Single bicolor
Upper petals are mid-blue with bright lemon yellow lower petals. Rays or whiskers radiate from the centre
There maybe some slight variation in the pastel design
Blooms 2 inches in diameter

Performance: Free flowering compact little plants
May have done better in a sunnier location away from an evergreen
Attractive colour combination
Good resistance to pests and disease



AAS Flower Award Winner 2005

Name:	Zinnia elegans 'Magellan Coral'
Height:	12-15 inches
Spread:	15-19 inches
Foliage:	Ovate slightly hairy, mid-green to 3 Inches. Herbaceous
Bloom:	Fully double 5-6 inches in diameter Brilliant coral colour
Performance:	Nice compact plants covered with blooms Flowered July to frost Needs lots of sun Excellent resistance to pests, disease and rain Flowers good for drying, preserving and cutting Suitable for containers Some transplant shock, but recovered fairly quickly.



AAS Gold Medal and Flower Award 2001

Botanical Name: ***Zinnia elegans* 'Profusion White'**

Common Name: **Zinnia**

Height: **12-18 inches**

Spread: **12-24 inches**

Leaves: **Lightly hairy ovate to lance shaped to 3 inches**

Bloom: **Single daisy-like flowers 2 ½ inches.**
 White with yellow centres

Performance: **Excellent border plant. Filled in nicely**
 Bushy compact form, lots of flowers
 Long blooming season
 Resistant to powdery mildew, insects and not affected by rain
 Makes a nice display