



Trial of Garden Chrysanthemum 2009

There were 58 entries in this trial of Garden Chrysanthemums, which were assessed by the Chrysanthemum Sub-Committee in 2009 for the Award of Garden Merit (AGM). Twenty three cultivars were included in the display of previous AGM winners: as such they were not judged but used as a standard for comparison.

Trial Objectives:

To assess, compare and demonstrate a range of cultivars submitted by individuals, raisers and nurserymen, following preliminary assessment by the Chrysanthemum Committee.

Entries:

- Hardy Chrysanthemums (Nos.1-17)
- Spray Chrysanthemums (Nos. 18-45)
- Disbudded Chrysanthemums (Nos.46-58)

The Chrysanthemum Sub-Committee judged the entries in this trial on 25 August, 8 September, 22 September and 9 October 2009 for the Award of Garden Merit, using the following criteria:

vigour: habit : health : length of flowering period
colour/ colour stability : quality of bloom : weather tolerance

The Committee awarded the Society's **AWARD OF GARDEN MERIT (H4)** 🏆 to the following:

GARDEN SPRAYS



'Perrys Peach' (21d LS) AGM (H4)

[Trial Entry 3]

Sent by: Mrs J Barker, address c/o Trials Office. **Widely available from nurseries listed in the RHS Plant Finder.**

Single spray, height 65-80cm. Vigorous, free-flowering, erect habit. Flower diameter 5-6cm. Florets broad, in 2-3 overlapping whorls. Inner florets lightly incurved. Outer florets lightly reflexed. Emerging florets closest to peach (red group 38A), mature florets fade in intensity to close to red group 38B/C. Disc diameter to 2cm. Disc colour closest to yellow-orange 15A.

Neat flower, attractive peach colour. Floriferous, uniform habit, good weather resistance. Ideal height for mid-border.



'Aunt Millicent' (21d LP) **AGM (H4)**
[Trial Entry 5]

Sent by: Mrs J Barker, address c/o Trials Office.
Widely available from nurseries listed in the RHS Plant Finder.

Single spray. Height 90-100cm. Vigorous, free flowering, erect habit. Flower diameter 5-6 cm. Florets overlapping in 2-3 whorls. Florets are pale-pink, closest to purple group 75C/D. Disc diameter approximately 1.5-2 cm. Disc colour closest to yellow-orange 14A.

Late flowering; ideal for late autumn border. Very floriferous; plenty of buds and a mass of fresh, pale pink flowers. Uniform habit. Excellent flower quality and weather resistance.

'Grandchild' (29c P) **AGM (H4)**
[Trial Entry 6].

Sent by: Mrs J Barker, address c/o Trials Office. **Widely available from nurseries listed in the RHS Plant Finder.**

Reflexed spray. Height 40-45cm. Vigorous, free-flowering, compact habit. Flower diameter 4-5 cm. Florets are long and narrow in many overlapping whorls. Outer floret colour is closest to purple group 77C. Inner floret colour is closest to red-purple group 70B. The reverse of the floret is closest to purple group 77D.

Hardy compact plant for front of border. Floriferous, long flowering period, attractive colour.



'Carmine Blush' (21d LP) **AGM (H4)**
[Trial Entry 15]

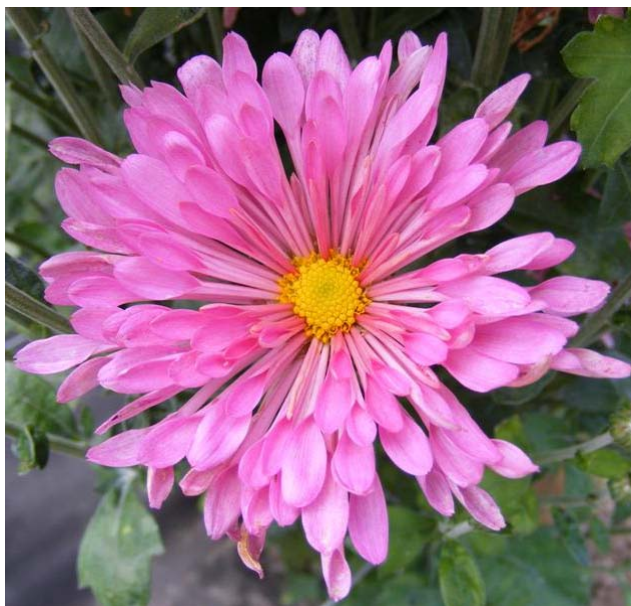
Sent by: Mrs J Barker, address c/o Trials Office. **Widely available from nurseries listed in the RHS Plant Finder.**

Single spray. Height 60-70cm. Vigorous, erect, free-flowering habit. Flower diameter 4-5 cm. Florets short, narrow, in two overlapping whorls. Inner florets lightly incurved. Outer florets lightly reflexed. Floret colour closest to red-purple group 70B. Disc diameter 1-1.5 cm. Disc colour closest to yellow-orange 15B.

Low habit, with even growth. Appealing vibrant pink, neat flowers, providing a carpet of autumn colour. Good disease resistance.

The Committee awarded the Society's **AWARD OF GARDEN MERIT (H3)** 🏆 to:

GARDEN SPRAYS



'Mauve Gem' (21f P) AGM (H3)

[Trial Entry 14]

Sent by: Mrs J Barker, address c/o Trials Office.

Available from: Halls of Heddon, West Heddon Nursery Centre, Heddon on the Wall, Newcastle upon Tyne, NE15 OJS

www.hallsofheddon.co.uk and from Daisy Roots Nursery, 8 Gosslein Road, Bengoe, Hertford, Herts, SG14 3LG www.daisyroots.com

Height to 80 cm. Vigorous, free flowering, erect habit. Flower diameter 6 -7cm. Spoon shaped florets in several overlapping whirls. Outer floret colour closest to red-purple group 70C, reverse of floret closest to 75B. Disc diameter to 1cm. Disc colour close to yellow-orange 17C. *Superb colour, long flowering. Excellent for mid border.*

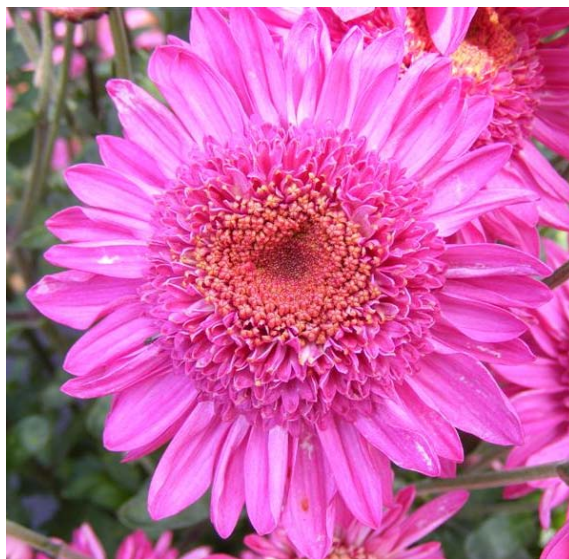
'Purple Margaret Dixon' (29a Pu) AGM (H3)

[Trial Entry 19]

Sent by and available from: Mr M. R. Dixon, 4 Petersham Close, Cheam, Surrey, SM1 2SZ.

Anemone-centered spray. Height 110-120 cm. Vigorous, bushy, free flowering, erect habit. Flower diameter 6-7.5 cm. Florets in several whorls. Floret colour closest to 70B, central tips closer to 163B. Reverse floret colour closest to N66D. Disc diameter approximately 3-4cm.

Floriferous and weather resistant. Holds deep purple colour for long flowering period. Fades gracefully.



'Myss Carol' (29c Y) AGM (H3)

[Trial Entry 22]

Sent by and available from: Southway Nurseries, PO Box No 66 Cottingham, East Yorkshire, HU16 4XW. **Also available from:** Halls of Heddon, West Heddon Nursery Centre, Heddon on the Wall, Newcastle upon Tyne, NE15 OJS www.hallsofheddon.co.uk.

Reflexed spray. Height 75-85cm. Vigorous, free flowering. Flower diameter 7-8cm. Florets are long, narrow, in many whorls, overlapping. Inner florets incurved, outer florets reflexed. Inner florets yellow 13B. Outer florets closest to yellow 9B.

Floriferous with flowers of deep, clean yellow. Retains colour well with ageing.





'Caukeel Copper' (29c LB) AGM (H3)

[Trial Entry 26]

Sent by and available from: Southway Nurseries, PO Box No 66 Cottingham, East Yorkshire, HU16 4XW. **Also available from:** Halls of Heddon, West Heddon Nursery Centre, Heddon on the Wall, Newcastle upon Tyne, NE15 OJS
www.hallsfheddon.co.uk

Reflexed spray. Height 80-90cm. Vigorous, free flowering, erect habit. Flower diameter 6-7cm. Florets are long, narrow in many overlapping whorls. Inner florets in-curved. Outer florets reflexed. Outer floret colour closest to yellow-orange 17C. Inner floret colour close to yellow-orange 17B.

Unusual, attractive colour. Useful, garden flower, with secondary growth providing long flowering period.

'Natalie Sarah' (29d W) AGM (H3)

[Trial Entry 37]

Sent by and available from: Mr V Aldred, 41 Shakespeare Crescent, Dronfield, S18 1NB. **Also available from:** Southway Nurseries, PO Box No 66 Cottingham, East Yorkshire, HU16 4XW and Frank Charlton Chrysanthemums, 7 Winslow Close, Witherwack, Sunderland, SR5 5RZ.

Single spray. Height 90-110cm. Vigorous, free flowering, erect, habit. Flower diameter 7-9 cm. Florets short, broad in several overlapping whorls. Outer florets lightly reflexed. Colour of the outer florets is close to white group NN155. Disc diameter is to 2 cm, and close in colour to yellow group 13.

Clean flowers, even form, good succession, ages well.



'Southway Sheba' (29d LP) AGM (H3)

[Trial Entry 39]

Sent by and available from: Southway Nurseries, PO Box No 66 Cottingham, East Yorkshire, HU16 4XW. **Also available from:** Halls of Heddon, West Heddon Nursery Centre, Heddon on the Wall, Newcastle upon Tyne, NE15 OJS
www.hallsfheddon.co.uk

Single spray. Height 100-115cm. Vigorous, free flowering, erect habit. Flower diameter 7-8cm in. Florets are short, broad in several overlapping whorls. Floret colour is closest to purple group 75C. Disc diameter to 1.5cm. Disc colour closest to yellow-orange group 14B.

Attractive colour, ages well giving long flowering season. Weather, sun resistant, with little fading.



'Caukeel Crystal' (29e LP) AGM (H3)

[Trial Entry 44]

Sent by and available from: Southway Nurseries, PO Box No 66 Cottingham, East Yorkshire, HU16 4XW.

Intermediate spray. Height 80-95cm. Flower diameter 7-8 cm. Florets are short, broad, forming a near pompon shape. Inner florets in-curved, outer florets reflexed. Central florets open with a pinkish blush, closest to purple group 75D. Maturing to flower head of clean white, close to white group NN155 C.

Unusual double form, which ages gracefully. Makes a superb outdoor cut flower.

'Nell Gwynn' (21d LP) AGM (H3)

[Trial Entry 13]

Sent by: Mrs J Barker, address c/o Trials Office. **Available from:** Norwell Nurseries, Woodhouse Road, Norwell, Newark, Nottinghamshire, NG23 6JX www.norwellnurseries.co.uk

To be available from: Daisy Roots Nursery, Halls of Heddon, Southview Nurseries.



Single spray. Height 90-100cm. Vigorous, free flowering, erect habit. Flowers held in loose sprays. Flower diameter 6-7.5cm. Florets short, broad, in 4-5 overlapping whirls. Inner and outer florets reflexed. Floret colour is an unusual dusky peach, closest to red-purple group 62A. A cream halo surrounds the disc; the base of the floret close to yellow-white group 158A. Disc diameter is to 1.5cm, with DISC colour closest to yellow-orange 17A.

Unusual pastel pink with cream halo at the base of ray petals. Long-flowering period, with flowers retaining their colour well on ageing.

AGM Subject to Availability:

The award recommended to the following entries **cannot be published** until queries on availability have been resolved.

It is the responsibility of the sender to inform the Trials Office at Wisley that all queries have been resolved.

GARDEN SPRAYS



'Southway Summit' (29d LB) AGM (H3), subject to availability

[Trial Entry 30]

Sent by: Southway Nurseries, PO Box No 66 Cottingham, East Yorkshire, HU16 4XW. **To be available from:** Walkers Nurseries, Huntington, Chester, CH3 6EA.

Single spray. Height 110-120cm. Vigorous, free flowering, erect habit. Flower diameter 7-9 cm. Florets long, broad in 3-4 overlapping whorls. Inner and outer florets reflexed. Floret colour light bronze, closest to yellow group 13C with blush of orange 24C. Approximate disc diameter 2 cm. Disc colour closest to greyed orange 163B.

Long flowering and weather resistant. A useful border plant of striking colour.

DISBUDS



'Betty Deeming' (15b Y) AGM (H3), subject to availability

[Trial Entry 58]

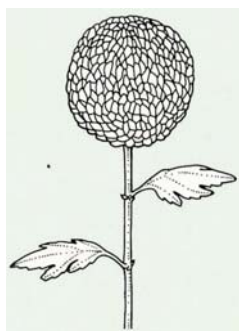
Sent by: G Freestone. Not currently available.

Intermediate, medium-flowered disbud. Height 100-125cm. Vigorous, erect and sturdy habit. Flower heads typically 13-14 cm in diameter. Florets colour when emerging is closest to yellow group 9B, maturing to yellow group 10D. *Free-flowering, clean floret colour. Sturdy stem, healthy growth, making an excellent garden disbud.*

H3 = hardy outside in some regions or particular situations or which, whilst usually grown outside in summer, needs frost-free protection in winter.

H4 = plants hardy throughout the British Isles.

Disbudded and Non-Disbudded Forms:

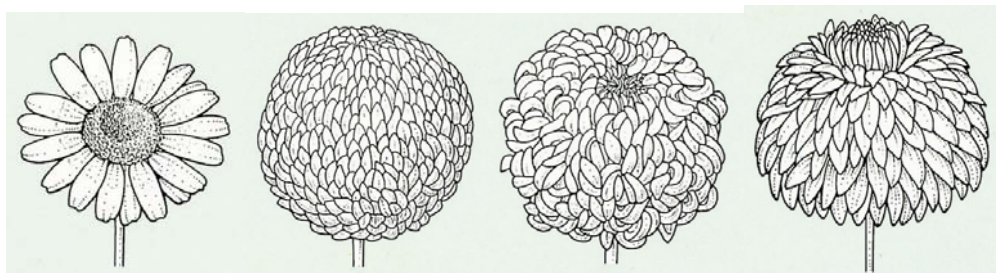


Disbudded



Non-Disbudded (Spray)

Chrysanthemum Flower head Forms:

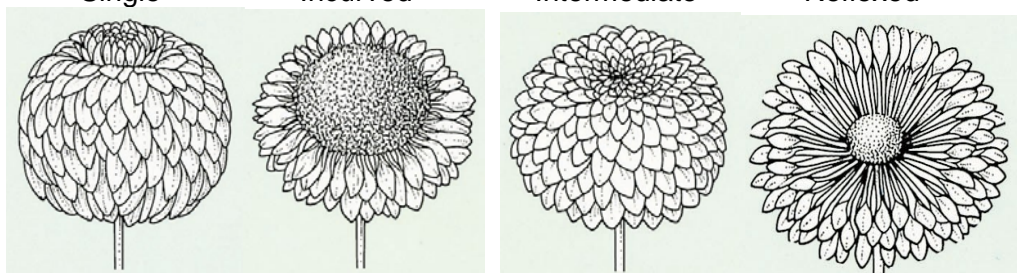


Single

Incurved

Intermediate

Reflexed

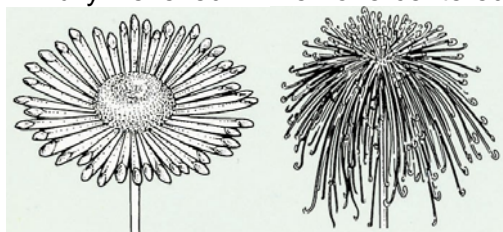


Fully Reflexed

Anemone-centered

Pompon

Spoon-shaped



Quill-shaped

Spider-form

Images taken from RHS A-Z Encyclopedia of Garden Plants (c) DK Images

Cultivation:

The trial plot had manure added during autumn 2008 and was rotovated in spring 2009 with a tractor mounted rotovator. The bed was then raked level. Following soil analysis triple superphosphate was applied at 34g/m², kieserite at 68g/m², sulphate of ammonia at 102g/m² and ammonium nitrate 34g/m². Irrigation lines and black membrane were put down and support posts erected. This is the third year that the Chrysanthemums have been planted through membrane to avoid splash-back when watering the trial, which may increase the transference of disease.

New entries were propagated in mid March and stock retained from last year in early April. They were potted on in late April and tips pinched out in mid May. The hardy, spray and disbudded chrysanthemums were all planted on 18th May.

The spray and disbudded entries were 'stopped' by removal of the terminal bud, which encourages the plants to bush out and hastens development of side branches which will bear the flowers. Spray stocks were allowed to grow naturally after initial 'stopping'. Disbud entries, after initial 'stopping', continued to be disbudded so that only one flower per stem is produced.

Chrysanthemums need regular watering to obtain the best results. These plants were not allowed to dry out and as they grew, the amount of water was increased. Plants were sprayed routinely for pest and disease control. Ammonium nitrate was applied once a week to encourage strong vegetative growth.

GARDEN CHRYSANTHEMUM TRIAL INDEX 2009

2009

Trial No	Cultivar	AGM	Sender
Hardy Chrysanthemums			
1	'Ruby Raynor'	AGM '07	Mrs J Barker
2	'Nancy Perry'		Mrs J Barker
3	'Perry's Peach'		Mrs J Barker
4	'Aline'		Mrs J Barker
5	'Aunt Millicent'		Mrs J Barker
6	'Grandchild'		Mrs J Barker
7	'Mary'		Mrs J Barker
8	'Brightness'		Mrs J Barker
9	'Ruby Mound'	AGM '05	Mrs J Barker
10	'Sea Urchin'	AGM '05	Mrs J Barker
11	'Columbine'		Mrs J Barker
12	'Starlet'		Mrs J Barker
13	'Nell Gwynn'		Mrs J Barker
14	'Mauve Gem'		Mrs J Barker
15	'Carmine Blush'		Mrs J Barker
16	'Shining Light'		Mrs J Barker
17	'Spartan Seagull'		Mrs J Barker
Sprays			
18	'Denise'	AGM '93	Mrs J Barker
19	'Purple Margaret Dixon'		D Horn
20	'Margaret Dixon'		D Horn
21	'Orno'		Walkers Nurseries
2	'Myss Carol'		Southway Nurseries
23	'Myss Saffron'	AGM '08	Southway Nurseries
24	'Wendy'	AGM '93	W B Wade
25	'Karen Taylor'	AGM '04	F Charlton
26	'Caukeel Copper'		Southway Nurseries
27	'Pennine Canary'	AGM '93	W B Wade
28	'Purple Talbot Parade'	AGM '03	F Charlton
29	'Nathalie'	AGM '94	Walkers Nurseries
30	'Southway Summit'		Southway Nurseries
31	'Myss Marion'	AGM '08	Southway Nurseries
32	'Cream Talbot Parade'	AGM '07	D Horn
33	'White Margaret'	AGM '93	Walkers Nurseries
34	'Red Myss Jem'		Southway Nurseries
35	'Myss Jem'		Southway Nurseries
36	'Lucy'	AGM '03	D Horn
37	'Natalie Sarah'		V Aldred
38	'Joshua Hunter'	AGM '06	L Hunter
39	'Southway Sheba'		Walkers Nurseries
40	'Upton Rose'		Walkers Nurseries
41	'Primrose Enbee Wedding'	AGM '00	NCS
42	'Southway Superior'		Southway Nurseries
43	'Daphne Davis'	AGM '05	G Garratt
44	'Caukeel Crystal'		Southway Nurseries
45	Joshua Hunter - sport		RHS Wisley
Disbuds			
46	'White Allouise'	AGM'93	Walkers Nurseries

47	'Creamist'		Woolmans Plants
48	'Millennium'	AGM '07	F Charlton
49	'Annie Lea'	AGM '03	I.Martin
50	'Peach Allouise'	AGM'93	Walkers Nurseries
51	'Percy Slater'		D Horn
52	'Brietner'		D Horn
53	'Membury'	AGM'93	Halls of Heddon
54	'Red Bellair'		A McDougall
55	'Regalia'	AGM '93	D Horn
56	'Yvonne Arnaud'	AGM '93	D Horn
57	'Angora'	AGM '97	D Horn
58	'Betty Deeming'		G Freestone

Senders names and addresses

- Frank Charlton Chrysanthemums, 7 Winslow Close, Witherwack, Sunderland SR5 5RZ
- Halls of Heddon, West Heddon Nursery, Heddon-on-the-Wall, Newcastle upon Tyne NE15 0JS
- National Chrysanthemum Society (NCS), Plant Sales, Wood View, 15a Moorcroft Road, Hutton, Weston Super Mare BS24 9RW
- Southway Nurseries, Box No.66, Cottingham, East Yorks, HU16 4AS
- Walkers Nurseries & Plant Centre, Huntington, Chester CH3 6EA
- Woolmans Plants, Rookery Farm, Joys Bank, Holbeach St. John, Spalding, Lincolnshire PE12 8SG

The following are c/o The Trials Office: Mrs J Barker, D Horn, L Hunter, I Martin, A McDougall and V Aldred.

Source: The Trials Office, R.H.S. Garden, Wisley, Woking, Surrey GU23 6QB
e-mail: trials@rhs.org.uk

More information about RHS Trials and other Trials reports can be found on the RHS Website at www.rhs.org.uk/trials

The National Chrysanthemum Society publish a 'Chrysanthemum Guide' which is available from the society, priced at £13.95

To join the National Chrysanthemum Society write to the Membership Manager, 317 Plessey Road, Blyth, Northumberland, NE24 3LJ.