

WISLEY TRIALS, 1972

TAGETES, EXCLUDING T. ERECTA

Seventy-seven stocks of Tagetes, excluding stocks of Tagetes erecta, were received for trial at Wisley during 1972. The seed was sown under glass on April 19, 1972, and the resulting seedlings were pricked out into seed trays on April 25. The plants were transplanted into their flowering positions in the Portsmouth Field on June 1, 1972. The plants were spaced 12 inches apart in rows 12 inches apart.

The trial was inspected by sub-committees of Floral Committee A on July 27, August 3 and 17, 1972, and on its recommendation Council has made the following awards to stocks of Tagetes, excluding Tagetes erecta.

The number in brackets after the description of the stock was that under which it was grown in the trial.

GOLD SEVEN STAR. (Raised, introduced and sent by Messrs. W. Atlee Burpee Co., Philadelphia, Penna. 19132, U.S.A.) F.C.C. August 17, 1972. F₁ hybrid. Plant between 12 and 14 inches high, between 16 and 19 inches spread, erect, compact habit; flowers 2½ inches diameter, free flowering, a richer, deeper colour than Yellow-Orange Group 14A, with a flush at base of petals of Yellow-Orange Group 23A. Flowering from June 18, 1972. (22)

RED SEVEN STAR. (Raised, introduced and sent by Messrs. W. Atlee Burpee Co.) F.C.C. August 17, 1972. F₁ hybrid. Plant between 11 and 14 inches high, between 16 and 17 inches spread, erect, fairly spreading habit; flowers between 2½ and 3 inches diameter, free flowering, youngest flowers a rich reddish bronze with a thin edge of a deeper colour than Yellow-Orange Group 23A, colour fading with age to a lighter bronze, and eventually becoming a rich golden orange. Flowering from June 16, 1972. (54)

BUTTERSCOTCH IMPROVED. (Raised, introduced and sent by Messrs. Ferry-Morse Seed Company, P.O. Box 100, Mountain View, California 94040, U.S.A.) A.M. August 3, 1972. Plant 10 inches high, between 12 and 14 inches spread, erect, fairly spreading, compact habit; flowers 1½ inches diameter, free flowering, disc

florets a colour slightly more orange than Yellow-Orange Group 23A, slightly tipped mahogany; ray florets when young velvety deep reddish mahogany finely edged and with some blotches of a colour similar to that of the disc florets, becoming Yellow-Orange Group 23A with light bronze at base of petals with maturity. Flowering from June 28, 1972. (66)

ELIZA. (Raised, introduced and sent by Messrs. J.E. Ohlsens Enke, Ny Munkegaard, DK-2630 Copenhagen-Taastrup, Denmark.)

A.M. August 3, 1972. Plant between 9 and 11 inches high, between 13 and 15 inches spread, erect, fairly loose habit; flowers $1\frac{3}{4}$ inches diameter, free flowering, disc florets Yellow-Orange Group 23A tipped with light mahogany, outer rings of florets more heavily tipped with very dark mahogany; ray florets light reddish mahogany overlying Yellow-Orange Group 23A, margins and bases of florets Yellow-Orange Group 23A. Flowering from June 22, 1972. (47)

FIRELIGHT. (Raised and introduced by Messrs. Denholm Seed Company, 222 North A Street, Lompoc, California 93436, U.S.A.; sent by Messrs. Samen-Mausser, Rathausbrücke, 8022, Zurich, Switzerland)

A.M. August 3, 1972. Plant between 8 and 11 inches high, between 15 and 16 inches spread, erect, fairly compact habit; flowers $1\frac{3}{4}$ inches diameter, free flowering, disc florets Orange Group 24A, ray florets when young a dark rich, reddish mahogany overlying Yellow-Orange Group 23A, becoming light bronze overlying Yellow-Orange Group 17A with maturity. Flowering from June 18, 1972. (52)

GOLDEN GEM SELECTED. (Raised, introduced and sent by Messrs. Watkins & Simpson Ltd., Asmer House, Ash Street, Leicester LE5 0DD) A.M. August 3, 1972. Plant between 12 and 13 inches high, between 17 and 19 inches spread, compact habit, erect, forming cushion-like clumps; flowers 1 inches diameter, free flowering, a brighter colour than Yellow-Orange Group 17A with small blotch towards base of each petal of Orange Group 28B. Flowering from July 12, 1972. (23)

MONARCH ORANGE GEM. (Raised, introduced and sent by Messrs. Hurst Gunson Cooper Taber Ltd., Avenue Road, Witham, Essex.)

A.M. August 17, 1972. Plant between 11 and 14 inches high, between 18 and 20 inches spread, erect, compact habit, forming cushion-like

clumps; flowers 1 inch diameter, free flowering, Yellow-Orange Group 23A with a large blotch of Orange Group 28B. Flowering from July 10, 1972. (27)

NAUGHTY MARIETTA IMPROVED. (Raised, introduced and sent by Messrs. Hurst Gunson Cooper Taber Ltd.) A.M. August 3, 1972. Plant between 11 and 13 inches high, 15 inches spread, erect, fairly loose habit; flowers 2 inches diameter with a single row of ray florets, disc $\frac{1}{2}$ inch diameter, free flowering, disc florets Yellow-Orange Group 23A tipped with very deep mahogany, ray florets a richer colour than Yellow-Orange Group 21A heavily blotched with deep, rich, velvety mahogany. Flowering from June 17, 1972. (43)

ORANGE FLAME IMPROVED. (Raised, introduced and sent by Messrs. Ernst Benary, 351 Hann, Münden, Postfach 109, Germany.) A.M. July 27, 1972. Plant 5 inches high, 9 inches spread, erect, compact habit; flowers 1 inch diameter, free flowering, disc florets a richer colour than Orange Group 24A, ray florets Red Group 44A overlaid with rich velvety mahogany. Extreme margins and reverse yellow. Flowering from June 18, 1972. (42)

RED GLOW. (Raised, introduced and sent by Messrs. W. Atlee Burpee Co.) A.M. August 3, 1972. F_1 hybrid. Plant between 11 and 12 inches high, between 16 and 17 inches spread, erect, fairly spreading, compact habit; flowers $2\frac{3}{4}$ inches diameter, free flowering, when young a light reddish mahogany overlying a colour near Yellow-Orange Group 17A, rimmed with a colour near Yellow-Orange Group 17A, becoming light bronze overlying a colour near Yellow-Orange Group 17B with maturity, and later changing to Yellow-Orange Group 17B with a slight flush of very light bronze. Flowering from June 18, 1972. (57)

YELLOW NUGGET. (Raised, introduced and sent by Messrs. W. Atlee Burpee Co.) A.M. July 27, 1972. F_1 hybrid. Plant between 7 and 9 inches high, between 11 and 14 inches spread, fairly spreading, compact habit; flowers 2 inches diameter, free flowering, a richer colour than Yellow Group 9A deepening slightly towards centre of flower, small area of orange at base of petals. Flowering from June 16, 1972. (9)

Highly Commended

The following stocks were Highly Commended. The senders' names are in brackets.

Boy Scout. A variable shade of mahogany overlying a colour richer than Yellow-Orange Group 17A, with a yellow margin varying in width. (Messrs. Bodger Seeds Ltd.)

Carina. Yellow-Orange Group 23A overlaid with a richer colour than Orange Group 25A. (Messrs. J.E. Ohlsens Enke).

Carmen. A colour deeper than Yellow-Orange Group 23A overlaid with a rich reddish bronze, except at margins, central florets Yellow Group 23A. (Messrs. Nutting & Thoday Ltd.)

Fiesta. Disc florets a slightly darker colour than Yellow-Orange Group 23A. Ray florets Yellow-Orange Group 23A overlaid with a reddish mahogany, changing with maturity to Yellow-Orange Group 21A with light bronze on outer florets only. (Messrs. Nutting & Thoday Ltd.)

Giant Crested Mixed. A mixture including mixed shades of a colour near Yellow-Orange Group 24A with blotches of mahogany on quilled ray florets; Yellow-Orange Group 23A overlaid with deep reddish mahogany, with yellow margins and Yellow-Orange Group 23A at base of florets. (Messrs. Samuel Dobie & Son Ltd.)

Lemon Drop Improved. Outer florets Yellow Group 6B, central florets Yellow Group 12A. (Messrs. L. Clause S.A.)

Monarch Golden Frills. A velvety reddish mahogany with margins of Yellow-Orange Group 23A. (Messrs. Hurst Gunson Cooper Taber Ltd.)

Monarch Lemon Gem. A colour near Yellow Group 9A. (Messrs. Hurst Gunson Cooper Taber Ltd.)

Monarch Orange Quills. Yellow-Orange Group 17A slightly overlaid with a deeper shade of yellow-orange. Messrs. Hurst Gunson Cooper Taber Ltd.)

Orange Nugget. F₁ hybrid. A richer colour than Yellow-Orange Group 23A. (Messrs. W. Atlee Burpee Co.)

Petite Gold Improved. A colour near Yellow-Orange Group 21A. (Messrs. Bodger Seeds Ltd.)

Petite Orange Improved. A richer more velvety colour than Yellow-Orange Group 23A. (Messrs. Bodger Seeds Ltd.)

Red Brocade. Disc florets Yellow-Orange Group 23A, ray florets deep rich mahogany finely margined with Yellow-Orange Group 23A. (Messrs. Nutting & Thoday Ltd.)

Reddie. Very deep rich mahogany finely margined with Yellow-Orange Group 23A. (Messrs. W. Atlee Burpee Co.)

Robin Hood. Disc florets a colour near Yellow-Orange Group 23A, ray florets Yellow Group 17A with a blotch of light reddish mahogany. (Messrs. Royal Sluis).

Showboat Yellow. ^{F₁ hybrid.} Yellow-Orange Group 14B. (Messrs. Ferry-Morse Seed Company),

Sunlight. Disc florets a golden yellow, ray florets velvety mahogany slightly margined with golden yellow, blotched with rich golden yellow. (Messrs. Samen-Mausen) ^{R.O.G.}

Sunset Glory. Disc florets Yellow-Orange Group 23A, ray florets Yellow-Orange Group 17B with a blotch at base of floret of deep reddish maroon. (Messrs. Nutting & Thoday Ltd.)

Tangerine Improved. A richer colour than Yellow-Orange Group 23A. (Messrs. Ernst Benary),

Valencia. A very rich golden orange changing to a colour near Yellow-Orange Group 23A with maturity. (Messrs. Nutting & Thoday Ltd.),

TAGETES, 1972

1. Lulu (Ohlsens Enke) Ohlsens Enke
2. Monarch Lemon Gem (Hurst) Hurst
3. Lemon Gem (Denholm) Nutting & Thoday
4. Ursula (Ohlsens Enke) Ohlsens Enke
5. Tina (Ohlsens Enke) Ohlsens Enke
6. Pygmy Primrose (Atlee Burpee) Atlee Burpee
7. Half-dwarf Yellow (Atlee Burpee) Atlee Burpee
8. Lemon Drop Improved () Clause
9. Yellow Nugget ~~Improved~~ (Atlee Burpee) Atlee Burpee
10. Yellow Nugget (Atlee Burpee) Samen-Mauser
11. Petite Yellow Improved 8-71 (Ferry-Morse) Ferry-Morse
12. ~~Tripleid Deep Yellow 3X2-70~~ ^{SHOW BOAT} ~~DOCK HOUSE~~ ^{YELLOW} (Ferry-Morse) Ferry-Morse
13. Yellow Brocade (Bodger) Bodger
14. Golden Boy (Denholm) Dobie
15. Golden Boy (Denholm) Samen-Mauser
16. Golden Orb (Hurst) Hurst
17. Brownie Scout (Atlee Burpee) Atlee Burpee
18. Petite Gold Improved (Bodger) Bodger
19. Gold Nugget Improved (Atlee Burpee) Atlee Burpee.
20. Gold Nugget (Atlee Burpee) Samen-Mauser
21. Half-dwarf Golden (Atlee Burpee) Atlee Burpee
22. Gold 7-Star (Atlee Burpee) Atlee Burpee
23. Golden Gem Selected (Watkins & Simpson) Watkins & Simpson
24. Golden Gem (Clause) Nutting & Thoday
25. Monarch Golden Gem (Hurst) Hurst
26. Gullebrand (Ohlsens Enke) Ohlsens Enke
27. Monarch Orange Gem (Hurst) Hurst
28. Orange Gem (Brown) Brown
29. Carina (Ohlsens Enke) Ohlsens Enke
30. Carina (Ohlsens Enke) Nutting & Thoday
31. Valencia (Denholm) Nutting & Thoday
32. Orange Nugget ~~Improved~~ (Atlee Burpee) Atlee Burpee
33. Petite Orange Improved (Bodger) Bodger

/Over.

- 34. ~~SHOWBOAT~~
~~DOCKHOUSE ORANGE~~
~~Triploid Orange 3X1-70~~ (Ferry-Morse) Ferry-Morse
- 35. Triploid Orange 3X8-70 (Ferry-Morse) Ferry-Morse
- 36. Orania Original (Schütz) {Weibull}
- 37. Tangerine () Watkins & Simpson
- 38. Tangerine Improved (Benary) Benary
- 39. Tangerine Improved (Atlee Burpee) Atlee Burpee
- 40. Tangerine Improved () Clause
- 41. Monarch Orange Quills (Hurst) Hurst
- 42. Orange Flame Improved (Benary) Benary
- 43. Naughty Marietta Improved (Hurst) Hurst
- 44. Robin Hood (Royal Sluis) Royal Sluis
- 45. Paprika (Bodger) Bodger
- 46. Paprika (Bodger) Samen-Mauser
- 47. Eliza (Ohlsens Enke) Ohlsens Enke
- 48. Eliza (Ohlsens Enke) Nutting & Thoday
- 49. Helen Chapman Select (Bodger) Bodger
- 50. Picador (Denholm) Nutting & Thoday
- 51. Red and Yellow 1360-71 (Ferry-Morse) Ferry-Morse
- 52. Firelight (Denholm) Samen-Mauser
- 53. Spanish Brocade (Bodger) Bodger
- 54. Red 7-Star (Atlee Burpee) Atlee Burpee
- 55. Sunlight (Denholm) Samen-Mauser
- 56. Red Glow (Atlee Burpee) Samen-Mauser
- 57. Red Glow (Atlee Burpee) Atlee Burpee
- 58. Boy Scout (Bodger) Bodger
- 59. Fiesta (Denholm) Nutting & Thoday
- 60. Monarch Golden Frills (Hurst) Hurst
- 61. Red Brocade (Bodger) Nutting & Thoday
- 62. Red Brocade (Bodger) Bodger
- 63. ~~SHOWBOAT~~
~~DOCKHOUSE~~ RED SHADES
~~Triploid Red and Orange Shades 3X7-70~~ (Ferry-Morse)
Ferry-Morse
- 64. Large Flowered Red and Orange 80-71 (Ferry-Morse)
Ferry-Morse
- 65. Butterscotch (U.S.A.) Samen-Mauser
- 66. Butterscotch Improved (Ferry-Morse) Ferry-Morse

67. King Tut (U.S.A.) Samen-Mauser
68. Carmen (Denholm) Nutting & Thoday
69. Gipsy Dancer () Dobie
70. Sunset Glory (Nutting) Nutting & Thoday
71. Fire King (Hurst) Hurst
72. Fiery Red (Atlee Burpee) Atlee Burpee
73. Reddie (Atlee Burpee) Atlee Burpee
74. Bolero (Denholm) Nutting & Thoday
75. Dark Red 756-71 (Ferry-Morse) Ferry-Morse
76. Giant Crested Mixed (Dobie) Dobie
77. Dwarf French Sparky Improved (Decker) Bodger

List of Names and Addresses of Senders of Seeds to
the Trial

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| Messrs. L. Clause S.A.,
91 Bretigny-sur-Orge,
France. | Messrs. Hurst Gunson Cooper Taber
Ltd.,
Witham,
Essex. |
| Messrs. Watkins & Simpson
Ltd.,
Asmer House,
Ash Street,
Leicester, LE5 ODD. | Messrs. J.E. Ohlsens Enke,
Ny Munkegaard,
DK-2630 Copenhagen-Taastrup,
Denmark. |
| Messrs. Nutting & Thoday Ltd.,
Long Stanton,
Cambridge. | Messrs. W. Atlee Burpee Co.,
Philadelphia,
Penna. 19132, U.S.A. |
| Messrs. Samen-Mauser A.G.,
Rathausbrücke
8022 Zurich,
Switzerland. | Messrs. Ferry-Morse Seed Company,
P.O. Box 100,
Mountain View,
California 94040, U.S.A. |
| Messrs. Bodger Seeds Ltd.,
P.O. Box 390,
El Monte,
California 91734, U.S.A. | Messrs. Samuel Dobie & Son Ltd.,
11 Grosvenor Street,
Chester. |
| Messrs. D.T. Brown & Co.Ltd.,
Station Road,
Poulton-le-Fylde,
Nr. Blackpool | Messrs. W. Weibull A.B.,
Landskrona,
Sweden. |
| Messrs. Ernst Benary,
351 Hann, Münden,
Postfach 109,
Germany | Messrs. Royal Sluis,
P.O. Box 22,
Enkhuizen,
Holland. |