

**Report of trial of *Tagetes* (African Marigold) including open pollinated cultivars, grown from seed in the open ground, 2001**

**Objective:** To assess and compare the flowering performance of *Tagetes* (African Marigold) and demonstrate the range currently available.

**Culture:** Seed was sown in early April in seed trays and covered with 1cm of vermiculite. The trays were kept at 18°C. The seedlings were pricked out into P15s, drenched with Revive [a soil treatment of natural micro organisms which suppresses soil borne plant diseases] and grown on at 10°C. The plants were hardened off in the second week of May and planted out on Friday 1 June.

**Entries:** There were 63 entries submitted for trial by various seed companies in the United Kingdom and abroad, as listed below.

Twenty five plants of each self-coloured entry and 50 plants of the mixed coloured entries were grown.

**Records:** A record was made of the date of first flower, i.e. when 50% of an entry was flowering.

**Judging:** Members of the Floral Trials Subcommittee inspected the trial during July and August and recommended the Award of Garden Merit (AGM) to four cultivars, two of which cannot be published until queries on availability have been resolved.

The subcommittee considered the following criteria:

impact	earliness	colour
habit	weather tolerance	

## Entries, Senders and Awards

s.t.a. = subject to availability

Award	No.	Name	Sender
		<b>Small (25 - 30cm)</b>	
	1	<i>T.</i> (Atlantis Series) 'Atlantis Primrose' F <sub>1</sub>	Bodger
	2	<i>T.</i> (Inca II Series) 'Inca II Primrose' F <sub>1</sub>	Colegrave
	3	<i>T.</i> (Antigua Series) 'Antigua Primrose' F <sub>1</sub>	Colegrave
	4	<i>T.</i> (Discovery Series) 'Discovery Yellow' F <sub>1</sub>	Bodger
<b>AGM (H3) 2001 s.t.a.</b>	5	<i>T.</i> (Atlantis Series) 'Atlantis Yellow' F <sub>1</sub>	Bodger
	6	<i>T.</i> (Antigua Series) 'Antigua Yellow' F <sub>1</sub>	Colegrave
	7	<i>T.</i> (Sunspot Series) 'Sunspot Lemon'	Seedlynx
	8	<i>T.</i> (Inca II Series) 'Inca II Yellow' F <sub>1</sub>	Colegrave
	9	<i>T.</i> (Galore Series) 'Galore Yellow' F <sub>1</sub>	Bodger
	10	<i>T.</i> (Discovery Series) 'Discovery Orange' F <sub>1</sub>	Bodger
	11	<i>T.</i> (Atlantis Series) 'Atlantis Orange' F <sub>1</sub>	Bodger
	12	<i>T.</i> (Antigua Series) 'Antigua Orange' F <sub>1</sub>	Colegrave

AGM (H3) 2001	13	<i>T.</i> (Sunspot Series) 'Sunspot Orange'	Seedlynx
	14	<i>T.</i> (Inca Series) 'Inca Orange' F <sub>1</sub>	Unwins
	15	<i>T.</i> (Inca II Series) 'Inca II Orange' F <sub>1</sub>	Colegrave
	16	<i>T.</i> (Atlantis Series) 'Atlantis Gold' F <sub>1</sub>	Bodger
	17	<i>T.</i> (Antigua Series) 'Antigua Gold' F <sub>1</sub>	Colegrave
	18	<i>T.</i> (Inca II Series) 'Inca II Gold' F <sub>1</sub>	Colegrave
	19	<i>T.</i> (Sunspot Series) 'Sunspot Gold'	Seedlynx
	20	<i>T.</i> 'Sahara' Mixed	Fothergills
	21	<i>T.</i> Antigua Series Mixed F <sub>1</sub>	Colegrave
	22	<i>T.</i> Sunspot Series Mixed	S E Marshall
23	<i>T.</i> Inca Series Mixed F <sub>1</sub>	E W King	
<b>Medium (40 - 60cm)</b>			
24	<i>T.</i> 'Vanilla' F <sub>1</sub>	Pan Am	
25	<i>T.</i> 'Kilimanjaro'	E W King	
26	<i>T.</i> (Lady Series) 'Lady Primrose' F <sub>1</sub>	Pan Am	
27	<i>T.</i> 'Moonbeam'	Thompson & Morgan	
28	<i>T.</i> (Perfection Series) 'Perfection Yellow' F <sub>1</sub>	Colegrave	
29	<i>T.</i> 'Shaggy Maggy'	Fothergills	
30	<i>T.</i> (Marvel Series) 'Marvel Yellow' F <sub>1</sub>	Pan Am	
31	<i>T.</i> (Sumo Series) 'Sumo Yellow' F <sub>1</sub>	Floranova	
AGM (H3) 2001 s.t.a.	32	<i>T.</i> (Jubilee Series) 'Jubilee Diamond' F <sub>1</sub>	Bodger
	33	<i>T.</i> (Perfection Series) 'Perfection Orange' F <sub>1</sub>	Colegrave
	34	<i>T.</i> (Marvel Series) 'Marvel Orange' F <sub>1</sub>	Pan Am
	35	<i>T.</i> (Lady Series) 'Lady Orange' F <sub>1</sub>	Pan Am
	36	<i>T.</i> (Sumo Series) 'Sumo Orange' F <sub>1</sub>	Floranova
	37	<i>T.</i> (Jubilee Series) 'Jubilee Orange' F <sub>1</sub>	Bodger
	38	<i>T.</i> 'Ragged Reggie'	Fothergills
	39	<i>T.</i> (Perfection Series) 'Perfection Gold' F <sub>1</sub>	Colegrave
	40	<i>T.</i> (Marvel Series) 'Marvel Gold' F <sub>1</sub>	Pan Am
	41	<i>T.</i> (Lady Series) 'Lady Gold' F <sub>1</sub>	Pan Am
	42	<i>T.</i> (Sumo Series) 'Sumo Gold' F <sub>1</sub>	Floranova
	43	<i>T.</i> (Jubilee Series) 'Jubilee Golden' F <sub>1</sub>	Bodger
	44	<i>T.</i> 'Golden Age'	E W King
	45	<i>T.</i> Sumo Series Mixed F <sub>1</sub>	Suttons
	46	<i>T.</i> Perfection Series Mixed F <sub>1</sub>	Colegrave
	47	<i>T.</i> 'African Sunshine' Mixed F <sub>1</sub>	Unwins
	48	<i>T.</i> 'Gay Ladies' Mixed F <sub>1</sub>	E W King
	49	<i>T.</i> Marvel Series Mixed F <sub>1</sub>	Pan Am
	50	<i>T.</i> Lady Series Mixed F <sub>1</sub>	Pan Am
	<b>No.</b>	<b>Name</b>	<b>Sender</b>
<b>Tall (60cm +)</b>			
	51	<i>T.</i> 'Zitronenprinz'	Chrestensen
	52	<i>T.</i> (Gold Coins Series) 'Doubloon' F <sub>1</sub>	Bodger
	53	<i>T.</i> 'Superjack Orange'	Suttons
	54	<i>T.</i> 'Orangeprinz'	Chrestensen
	55	<i>T.</i> (Gold Coins Series) 'Double Eagle' F <sub>1</sub>	Bodger
	56	<i>T.</i> 'Gelber Stein'	Chrestensen
	57	<i>T.</i> (Gold Coins Series) 'Sovereign' F <sub>1</sub>	Bodger
	58	<i>T.</i> (Gold Coins Series) 'Dollar' F <sub>1</sub>	Bodger
	59	<i>T.</i> 'Sunset Giants' Mixed	E W King
	60	<i>T.</i> 'Sunset Giants' Mixed	S E Marshall
	61	<i>T.</i> 'Crackerjack' Mixed	E W King
	62	<i>T.</i> 'Cream Cracker' Mixed	Unwins
AGM (H3) 2001	63	<i>T.</i> Gold Coins Series Mixed F <sub>1</sub>	Unwins

### Summary of entries recommended for Award:

The number under which the entry was grown is given in brackets after the description.

#### AWARD OF GARDEN MERIT to

**T. (Inca Series) 'Inca Orange' AGM (H3) 2001** F<sub>1</sub> hybrid. Sent by Unwins Seeds Ltd, Histon, Cambs CB4 9LE. Votes 9-0. [Trial No. 14]

**Available from** the sender, Unwins Seeds Ltd.

*Still looking fresh at end of August, plenty of blooms and buds*

Plant 40 cm high, leaves small, dark green. Flowers double, 10cm diameter, Orange Group N25C, green at centre; flowering from 9 July 2001.

**T. Gold Coins Series Mixed AGM (H3) 2001** F<sub>1</sub> hybrid. Sent by Unwins Seeds Ltd, Histon, Cambs CB4 9LE. Votes 9-2. [Trial No. 63]

**Available from:** the sender, Unwins Seeds Ltd.

*Different heights and flower forms, weathered well, nice range of different ages of flower head which leads to good continuity.*

Plant 80cm high, leaves many, medium green. Flowers in and above foliage, double, 9cm diameter, a mixture containing three colours, Yellow Group 3A; Yellow Orange Group 17A; Orange Group N25C; flowering from 9 July 2001

The awards recommended to the following entries cannot be published until the 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.

**T. (Atlantis Series) 'Atlantis Yellow' AGM (H3) 2001 subject to availability** F<sub>1</sub> hybrid. Raised and sent by Bodger Seeds Ltd, 1800 North Tyler Ave., South El Monte, CA 91733, U S A. Votes 10-1. [Trial No. 5]

*good habit*

Plant 30cm high, leaves fairly small, dark green. Flowers in and above foliage, double, 9cm diameter, Yellow Group 9A; flowering from 9 July 2001.

**T. (Jubilee Series) 'Jubilee Diamond' AGM (H3) 2001 subject to availability** F<sub>1</sub> hybrid. Raised and sent by Bodger Seeds Ltd, 1800 North Tyler Ave., South El Monte, CA 91733, U S A. Votes 12-0. [Trial No. 32]

*good weather resistance*

Plant 75 cm high, leaves many, medium green. Flowers in and above foliage, double, 9cm diameter, Yellow Group 3A; flowering from 9 July 2001.

#### Names and Addresses of Senders of Seed to the Trial of *Tagetes* in 2001

Bodger Seeds Ltd, 1800 North Tyler Ave, South El Monte, CA 91733, U S A

N L Chrestensen GmbH, Postfach 854, 99016 Erfurtm GERMANY

Colegrave Seeds Ltd, West Adderbury, Banbury, Oxfordshire OX17 3EY

Floranova Ltd, Norwich Road, Foxley, Dereham, Norfolk NR20 4SS

Mr Fothergills Seeds Ltd, Gazeley Road, Kentford, Newmarket, Suffolk CB8 7QB

E W King & Co Ltd, Monks Farm, Pantlings Lane, Coggeshall Road, Kelvedon, Essex CO5 9PG

S E Marshall & Co Ltd, 21 - 22 Regal Road, Wisbech, Cambs PE13 2RF

Pan American Seed, c/o 24 West End, Wilburton, Ely, Cambs CB6 3RE  
Seedlynx, Woodham Mortimer, Maldon, Essex CM9 6SN  
Suttons Consumer Products, Woodview Road, Paignton, Devon TQ4 7NG  
Thompson & Morgan Ltd, Poplar Lane, Ipswich, Suffolk IP8 3BU  
Unwins Seeds Ltd, Histon, Cambridge CB4 4LE

Further information on this trial is available from: Trials Office, The Royal Horticultural Society, Wisley, Woking, Surrey GU23 6QB
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