

Table 2. Foliage and flower performance ratings of African (*Tagetes erecta* L.) and French (*Tagetes patula* L.) marigold cultivars grouped within classes grown at Bradenton, Fla. Seeds were planted 16 Aug. 2000 and plugs transplanted to ground beds 25 Sept. 2000. Dwarf marigolds are those  $\leq 10$  inches (25.4 cm).

Cultivar	Foliage ratings <sup>W</sup>				Flower rating <sup>X</sup>				Overall ratings <sup>Y</sup>
	1 Nov.	16 Nov.	6 Dec.	Avg	1 Nov.	16 Nov.	6 Dec.	Avg	Avg
<i>African – gold class</i>									
Gold Lady	3.8 <sup>Z</sup>	2.0	1.5	2.4	6.0	5.0 b	3.0 a	4.7 a	3.6
Marvel Gold	4.5	2.3	1.8	2.9	6.0	6.0 a	3.0 a	5.0 a	3.9
Royal Gold	4.0 <sup>NS</sup>	2.3 <sup>NS</sup>	1.3 <sup>NS</sup>	2.5 <sup>NS</sup>	6.5 <sup>NS</sup>	5.3 b	1.0 b	4.3 b	3.4 <sup>NS</sup>
<i>African – orange class</i>									
Orange Lady	5.8	4.0	3.0	4.3	5.0 b	2.8 a	1.0	2.9 b	3.6 b
Marvel Orange	5.8	4.0	3.3	4.3	4.8 b	3.3 b	1.3	3.1 b	3.7 b
Royal Orange	5.8 <sup>NS</sup>	4.5 <sup>NS</sup>	3.5 <sup>NS</sup>	4.6 <sup>NS</sup>	6.5 a	5.3 a	1.0 <sup>NS</sup>	4.3 a	4.4 a

<sup>W</sup> Foliage ratings on a 1 to 7 scale: 7- all plants in a plot had full and uniform foliage, plants were free of pest symptoms and abnormalities or weaknesses such as lodging; 4- average foliage density, minimal lodging, and/or some insect damage but foliage was still acceptable; 1- foliage sparse, stem lodging, and/or unacceptable pest damage making plants undesirable.

<sup>Y</sup> Overall rating: Sum of average flower and foliage ratings divided by 2, where cultivars  $\geq 5$  were considered outstanding, 4 to 4.9 as good performers, and  $\leq 3.9$  as fair to poor.

<sup>Z</sup> Mean separation within classes by LSD,  $P < 0.05$ .

Table 2. Continued.

Cultivar	Foliage ratings				Flower rating				Overall ratings
	1 Nov.	16 Nov.	6 Dec.	Avg	1 Nov.	16 Nov.	6 Dec.	Avg	Avg
<i>African – white</i>									
Sweet Cream	5.0	4.0	1.8	3.6	4.3	2.0	1.0	2.4	3.0
<i>African – yellow class</i>									
First Lady	5.5	4.0	2.0	3.8	5.5	4.5 bc	1.8	3.9 bc	3.9
Primrose Lady	5.8	4.8	2.5	4.3	5.0	4.0 c	1.5	3.5 c	3.9
Marvel Yellow	3.3	2.0	1.3	2.2	5.8	5.0 b	2.3	4.3 ab	3.3
Royal Yellow	4.5 <sup>NS</sup>	4.3 <sup>NS</sup>	2.3 <sup>NS</sup>	3.7 <sup>NS</sup>	5.5 <sup>NS</sup>	6.3 a	2.5 <sup>MS</sup>	4.8 a	4.2 <sup>NS</sup>
<i>French dwarf – double gold class</i>									
Bonanza Gold	5.8	4.3	4.0	4.7	6.8	5.0	5.0	5.6	5.1
Golden Boy	6.0 <sup>NS</sup>	4.5 <sup>NS</sup>	4.3 <sup>NS</sup>	4.9 <sup>NS</sup>	5.3 <sup>NS</sup>	6.0 <sup>NS</sup>	5.5 <sup>NS</sup>	5.6 <sup>NS</sup>	5.2 <sup>NS</sup>
<i>French dwarf – double orange class</i>									
Bonanza Orange	5.5	4.0 b	4.3 b	4.6 b	6.3 b	5.0 b	5.3 bc	5.5 c	5.1 cd
Bounty Orange	5.7	5.0 b	5.3 ab	5.3 b	5.3 c	6.3 a	5.7 ab	5.8 bc	5.6 b
Orange Boy	6.8	6.3 a	5.8 a	6.3 a	6.0 b	7.0 a	6.3 a	6.4 a	6.4a
Orange Jacket	6.3	4.3 b	4.5 b	5.0 b	7.0 a	5.5 b	5.5 b	6.0 b	5.5 bc
Orange Gate	5.8 <sup>NS</sup>	4.5 b	4.5 b	4.9 b	6.3 b	4.3 c	4.8 c	5.1 d	5.0 d

Table 2. Continued.

Cultivar	Foliage ratings				Flower rating				Overall ratings
	1 Nov.	16 Nov.	6 Dec.	Avg	1 Nov.	16 Nov.	6 Dec.	Avg	Avg
<i>French dwarf – double yellow class</i>									
Bonanza Yellow	4.0 c	2.3 c	2.8 b	3.0 d	5.0 b	5.3 b	5.3 a	5.2 b	4.1 c
Bounty Yellow	6.0 a	5.0 ab	4.5 a	5.6 a	6.0 a	5.0 b	5.8 a	5.6 a	5.4 a
Yellow Boy	6.0 a	6.0 a	4.8 a	5.6 a	4.8 b	7.0 a	5.8 a	5.8 a	5.7 a
Yellow Jacket	5.3 ab	4.3 b	4.3 a	4.6 b	4.8 b	5.5 b	5.0 b	5.1 b	4.9 b
Yellow Gate	4.5 bc	4.0 b	3.0 b	3.9 c	4.5 b	4.3 c	4.0 c	4.2 c	4.1 c
<i>French dwarf – double gold/red class</i>									
Bonanza Bolero	5.5	4.5	4.3	4.8	6.0	5.0	5.0	5.3	5.1
Bounty Spry	5.3 <sup>NS</sup>	4.3 <sup>NS</sup>	3.5 <sup>NS</sup>	4.3 <sup>NS</sup>	5.5 <sup>NS</sup>	5.3 <sup>NS</sup>	5.0 <sup>NS</sup>	5.3 <sup>NS</sup>	4.8 <sup>NS</sup>
<i>French dwarf – double orange/red class</i>									
Harmony Boy	5.8	5.3	5.0	5.3	6.0	6.3	6.0	6.1	5.7
<i>French dwarf – double red/gold class</i>									
Golden Gate	4.8	3.5	3.8	4.0	5.5	4.3	5.0	4.9	4.5
<i>French dwarf – double red/yellow class</i>									
Bonanza Bee	5.5 a	3.3 b	3.0 b	3.9 b	6.3	5.0 b	5.3	5.5 b	4.7 b

Table 2. Continued.

Cultivar	Foliage ratings				Flower rating				Overall ratings
	1 Nov.	16 Nov.	6 Dec.	Avg	1 Nov.	16 Nov.	6 Dec.	Avg	Avg
Bonanza Flame	4.3 b	4.0 ab	4.0 ab	4.1 b	5.8	5.3 b	5.0	5.3 b	4.7 b
Little Devil Fire	5.5 a	4.8 a	5.0 a	5.1 a	6.3 <sup>NS</sup>	6.5 a	5.3	6.0 a	5.5 a
<i>French dwarf – double yellow/red class</i>									
Spry Boy	6.0	5.5	5.5	5.7	6.0	6.8	6.0	6.3	6.0
<i>French dwarf – single gold/red class</i>									
Granada	5.8	5.5	5.0	5.4	6.0	5.8	5.0	5.6	5.5
<i>French dwarf – single red/orange</i>									
Red Marietta	5.0	4.0	3.0	4.0	4.8	3.5	1.5	3.3	3.6
<i>French – double gold class</i>									
Durango Gold	6.3	4.5	4.3	5.0	5.8	5.0	5.0	5.2	5.1
<i>French – double orange class</i>									
Durango Orange	4.8	3.3	3.0	3.7	5.3	4.3	4.5	4.7	4.2

Table 2. Continued.

Cultivar	Foliage ratings				Flower rating				Overall ratings
	1 Nov.	16 Nov.	6 Dec.	Avg	1 Nov.	16 Nov.	6 Dec.	Avg	Avg
<i>French – double yellow class</i>									
Durango Light Yellow	4.8	4.3	3.5	4.2	4.8	5.3	4.8	4.9	4.6
Durango Yellow	4.5 <sup>NS</sup>	3.8 <sup>NS</sup>	4.0 <sup>NS</sup>	4.1 <sup>NS</sup>	5.0 <sup>NS</sup>	5.3 <sup>NS</sup>	4.8 <sup>NS</sup>	5.0 <sup>NS</sup>	4.5 <sup>NS</sup>
<i>French – double red/yellow class</i>									
Durango Bee	6.0 b	5.8 ab	5.3 b	5.7 b	6.3	5.3 b	4.8 b	5.4 b	5.6 b
Durango Flame	5.8 b	4.8 b	4.3 c	4.9 b	6.0	4.8 b	4.0 c	5.0 bc	4.9 c
Durango Red	5.8 b	5.3 b	5.3 b	5.4 b	5.0	5.0 b	4.0 c	4.7 c	5.1 bc
Honeycomb	7.0 a	6.5 a	6.3 a	6.6 a	6.0 <sup>NS</sup>	6.5 a	6.3 a	6.3 a	6.4 a