

**FFSP SEEKS A COMMERCIAL  
PARTNER FOR EXCLUSIVE  
LICENSE OF:**

**‘UF04-33-5’ COLEUS CULTIVAR**



Florida Foundation Seed Producers, Inc.  
ITN #262

## **‘UF04-33-5’**

### **A Coleus cultivar with improved sun-tolerance, vigor, branching, late flowering, and novel color**

‘UF04-33-5’ received excellent ratings (score of 5) at all three evaluation locations for the characteristics of sun tolerance, vigor, branching, and late flowering. This cultivar also showed to be exceptional because foliage color remained bright green in all testing locations. With its flowering occurring near September, ‘UF04-33-5’ has all of the desirable traits. ‘UF04-33-5’ will make an excellent decorative foliage plant for the landscape and in potted containers and will provide a sharp contrast among other ornamentals.

‘UF04-33-5’ was jointly developed at the University of Florida’s Institute of Food and Agricultural Sciences by David G. Clark and Penny Nguyen. ‘UF04-33-5’ exhibits improved sun tolerance, late flowering, novel color, increased vigor, and branching for optimal commercial mass production.

Foliage color was determined using the Royal Horticultural Society Colour Chart. ‘UF04-33-5’ foliage is a variegated citron green (763) on a sheeles green (860) background on the adaxial leaf surface. As leaves mature, foliage is a variegated chartreuse green (663/1) on a sheeles green (860) background on the adaxial leaf surface. Leaf shape is ovate and cuneate-acute with crenate margins. Mature leaves average 14 cm long and 7 cm wide on plants grown 15 weeks after planting.

Three 4” rooted cuttings of ‘UF04-33-5’ and four commercial cultivars (‘Elfers’, ‘Stained Glassworks’, ‘Trailing Nova’, and ‘Red Queen’) were evaluated in three different environments: full sun, under 30% shade, and in a greenhouse under 30% shade. UF cultivars were rated on a 1-5 scale (5=excellent; 4=great; 3=average; 2=fair; 1=poor) for characteristics of foliage sun tolerance, vigor, and branching. Sun tolerance was measured as the degree of color fading with a score of 5 as having no color fading/bleaching. Vigor was measured as rate of plant growth and branching as number of cutting potential. Flowering data were noted as date of first flower induction and plant height was measured as distance from ground to highest point on the plant. Throughout the evaluation, no severe pathogens were observed at any trial locations.

#### Average performance scores and unique characteristics of ‘UF04-33-5’ grown in ground beds in Citra, Florida, in ground beds under 30% shade and in a 30% shade greenhouse in Gainesville, Florida.

	Sun tolerance <sup>w</sup>	Vigor <sup>x</sup>	Branching <sup>x</sup>	Flowering <sup>y</sup>	Plant Height	Main characteristics for selection
<b>Cultivars</b>						
‘Elfers’	4	4.5	5	Late	25-40”	Commercial cultivar, vigor and branching
‘Stained Glassworks’	4	2	3	Late	15-30”	Commercial cultivar, color
‘Red Queen’	3	5	5	Early	15-30”	Commercial cultivar, vigor and branching
‘Trailing Nova’	4	5	5	Mid	15-30”	Commercial cultivar, vigor and branching
<b>‘UF04-33-5’</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>Late</b>	<b>20-30”</b>	<b>Color, color consistency, vigor, branching, late flowering</b>
Total Averages	3.7	4	3.5			

<sup>w,x</sup> For each category, plants are scored on a 1-5 rating scale: 5=excellent; 4=great; 3=average; 2=fair; 1=poor.

<sup>w</sup> Values presented are measured from the field location at Citra, FL during the evaluation period

<sup>x</sup> Values presented are means of two field locations and one greenhouse trial measured during the evaluation period.

<sup>y</sup> Flowering rated as early (May-June), mid (July-August), late (September-November) when planted in April

<sup>z</sup> Total averages are means for the 219 cultivars in the trials; comparison of ‘UF04-33-5’ can be made in relation to the mean averages for all trialed cultivars