Coreopsis tinctoria

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Introduction

Seven species of Coreopsis are native to the state of Florida (Fig. 1). One species, Coreopsis leavenworthii, has been named Florida’s state flower. Coreopsis are considered perennials as they reappear each year. These colorful plants have bright green leaves that can be either entire or lobed. These plants have single or double flowers that come in a variety of colors: orange, pink, purple, red, and yellow. These lovely flowers are held upright upon tall leafless stems that enable the blooms to be beautifully incorporated into flower arrangements. The flowers are borne in capitula with a small disc, and the ray florets have dentate tips. These 1 1/2- to 2-inch-wide flowers appear in the spring, summer and fall.

General Information

Scientific name: Coreopsis tinctoria
Pronunciation: kor-ree-OP-sis tink-TOR-ee-uh
Common name(s): Calliopsis, Coreopsis
Family: Compositae
Plant type: annual
USDA hardiness zones: all zones (Fig. 2)
Planting month for zone 7: May; Jun
Planting month for zone 8: Apr; May
Planting month for zone 9: Apr; May; Jun; Jul; Aug; Sep
Planting month for zone 10 and 11: Mar; Apr
Origin: native to North America
Uses: edging; mass planting; attracts butterflies
Availability: somewhat available, may have to go out of the region to find the plant

Description

Height: 1 to 3 feet
Spread: 1 to 2 feet
Plant habit: upright
Plant density: open
Growth rate: moderate
Texture: fine
Foliage

Leaf arrangement: opposite/subopposite
Leaf type: simple
Leaf margin: lobed
Leaf shape: oblong
Leaf venation: not applicable
Leaf type and persistence: not applicable
Leaf blade length: 2 to 4 inches
Leaf color: green
Fall color: not applicable
Fall characteristic: not applicable

Flower

Flower color: red; pink; purple; orange; yellow
Flower characteristic: showy

Fruit

Fruit shape: no fruit
Fruit length: no fruit
Fruit cover: no fruit
Fruit color: not applicable

Fruit characteristic: inconspicuous and not showy

Trunk and Branches

Trunk/bark/branches: not applicable
Current year stem/twig color: green
Current year stem/twig thickness: thin

Culture

Light requirement: plant grows in full sun
Soil tolerances: acidic; slightly alkaline; sand; loam; clay;
Drought tolerance: high
Soil salt tolerances: unknown
Plant spacing: 6 to 12 inches

Other

Roots: not applicable
Winter interest: not applicable
Outstanding plant: not particularly outstanding
Invasive potential: may self-seed each year

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Pest resistance: no serious pests are normally seen on the plant

Use and Management

Coreopsis species are generally short-lived and may only last 3 to 4 seasons. Try using these plants as a border or edge. They are also excellent for naturalizing and will reseed themselves. The stalks become long and weak and tend to break in windy or rainy weather. Dwarf varieties may be selected for more polished plants. \textit{C. lanceolata} grows about 15 to 18 inches tall but is not well suited for central and south Florida.

Coreopsis requires a sunny position in the landscape. They prefer well-drained soils that are not too rich; rich soils and overwatering cause these plants to topple over. Keep the soil relatively moist and remove dead flowers immediately to prolong blooming. Taller species of Coreopsis may need support. Place these plants 6 to 12 inches apart in the garden.

The cultivar ‘Early Sunrise’ flowers sooner than others.

Seed is the most common method of propagation for Coreopsis. Division can also be accomplished in the spring or fall.

Pests and Diseases

Leaf spots, rust, powdery mildew, aphids, leaf beetles, and mites may be occasional problems. Spotted cucumber beetles eat holes in the leaves. Leaf spots may be seen but are usually not serious.