Amaranthus tricolor

(Chinese Spinach, Joseph's-coat)

Amaranthus tricolor, also called Chinese Spinach, is distinguished and grown for its beautiful colored leaves. The leaves and seeds are edible, and the leaves are used as vegetable crop in the place of spinach.This fast-growing, heat-loving annual bears large leaves which turns to yellow, red, purple, bronze, ivory, or combinations thereof when young.

Plant Image

Landscape Information

Pronounciation: am-ah-RAN-thus TRY-kul-or

Plant Type: Groundcover

Origin: Africa, Indochina

Heat Zones: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

Hardiness Zones: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11

Uses: Hedge, Specimen, Border Plant, Container

Size/Shape

Growth Rate: Moderate

Tree Shape: Pyramidal, Upright

Canopy Symmetry: Irregular

Canopy Density: Medium

Canopy Texture: Coarse

Height at Maturity: 1.5 to 3 m

Spread at Maturity: Less than 50 cm, 0.5 to 1 meter

Time to Ultimate Height: 1 Year

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Pinnate

Leaf Persistance: Deciduous

Leaf Type: Simple

Leaf Blade: Less than 5

Leaf Shape: Ovate

Leaf Margins: Undulate

Leaf Textures: Medium

Leaf Scent: No Fragance

Color(growing season): Green

Color(changing season): Yellow, Orange, Red, Purple

Flower

Flower Showiness: False

Flower Color: Green, Red

Seasons: Summer, Fall

Fruit

Seasons: Summer, Fall

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: No
Heat Tolerant: Yes
Drought Tolerant: Yes
Salt Tolerance: Poor

Requirements

Soil Requirements: Loam, Sand
Soil Ph Requirements: Acidic, Neutral, Alkaline
Water Requirements: Moderate, Low
Light Requirements: Full, Part

Management

Toxity: No
Invasive Potential: No
Susceptibility to Pests and Diseases: No
Pruning Requirement: No pruning at all
Edible Parts: Leaf
Plant Propagations: Seed

MORE IMAGES

Bark Image

Other Image