



Cooperative Extension Service
Institute of Food and Agricultural Sciences

*Agave angustifolia*¹

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Introduction

Variegated Caribbean Basin is not common in cultivation, having green leaves with marginal bands of bright white (Fig. 1). The leaves are borne from a very short trunk. Its tight rosette of stiff, sword-shaped leaves, each up to 3 feet long and 2 inches wide, makes a dramatic statement in the landscape and is much favored for use in rock gardens. The sharp spine at the tip of its toothed leaves is often removed to protect people and pets. Locate it at least 6 feet away from walks and other areas where people could contact the spiny foliage.

General Information

Scientific name: *Agave angustifolia*

Pronunciation: uh-GAW-vee an-gus-tif-FOLE-ee-uh

Common name(s): Variegated Caribbean Agave

Family: *Agavaceae*

Plant type: shrub

USDA hardiness zones: 10 through 11 (Fig. 2)

Planting month for zone 10 and 11: year round

Origin: native to North America

Uses: border; accent; mass planting

Availability: somewhat available, may have to go out of the region to find the plant

Description

Height: 3 to 4 feet

Spread: 3 to 4 feet

Plant habit: round

Plant density: open

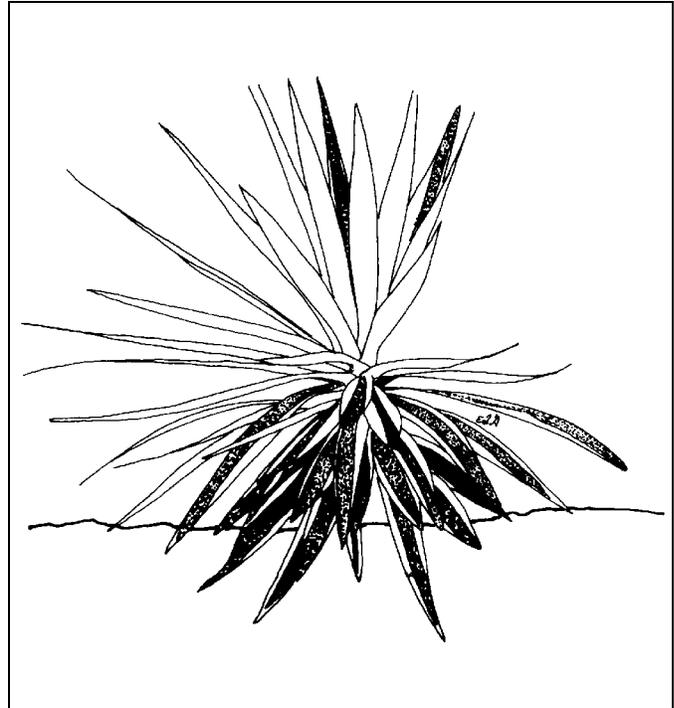


Figure 1. Variegated Caribbean Agave.

Growth rate: slow

Texture: coarse

Foliage

Leaf arrangement: alternate

Leaf type: simple

Leaf margin: spiny

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Figure 2. Shaded area represents potential planting range.

Leaf shape: linear
Leaf venation: none, or difficult to see
Leaf type and persistence: evergreen
Leaf blade length: more than 36 inches
Leaf color: blue or blue-green
Fall color: no fall color change
Fall characteristic: not showy

Flower

Flower color: white
Flower characteristic: flowers periodically throughout the year

Fruit

Fruit shape: oval
Fruit length: 1 to 3 inches
Fruit cover: dry or hard
Fruit color: brown
Fruit characteristic: persists on the plant

Trunk and Branches

Trunk/bark/branches: not particularly showy; usually with one stem/trunk

Current year stem/twig color: not applicable
Current year stem/twig thickness: not applicable

Culture

Light requirement: plant grows in part shade/part sun
Soil tolerances: alkaline; clay; sand; acidic; loam
Drought tolerance: high
Soil salt tolerances: unknown
Plant spacing: 36 to 60 inches

Other

Roots: usually not a problem
Winter interest: no special winter interest
Outstanding plant: not particularly outstanding
Invasive potential: not known to be invasive
Pest resistance: no serious pests are normally seen on the plant

Use and Management

Caribbean Agava is a hardy survivor, tolerating heat, drought, and salty seaside conditions. Little if any irrigation is needed to maintain the plant once established. It grows best in full sun but can adapt to some shade. After 10 years or more (though not a century), a lofty flower spike is produced, with terminal panicles of pale yellow to white blooms. The plant can be used in residences as a free-standing specimen and is usually not planted in mass due to its unusual color and form. Due to its large size and striking habit and color, most residences only need one of these. Larger commercial landscapes have room for multiple mass plantings which can create a dramatic impact.

Propagation is by detaching the well-rooted suckers appearing at the base.

Pests and Diseases

None of major concern.