



Prunus subhirtella 'Pendula' Weeping Higan Cherry¹

Edward F. Gilman and Dennis G. Watson²

INTRODUCTION

Weeping Higan Cherry grows 20 to 30 feet tall and spreads 15 to 25 feet in a graceful weeping habit (Fig. 1). Leaves stay glossy green throughout the summer and into the fall when they turn a vivid yellow before leaving the tree bare in winter. The drooping bare branches even lend a soothing grace to the landscape in winter. There is nothing quite like the Weeping Higan Cherry in full bloom in the spring. The light pink (almost white), one-inch-diameter flowers cover the branches before the leaves emerge, giving the appearance that fresh snow has fallen on the tree.

GENERAL INFORMATION

Scientific name: *Prunus subhirtella* 'Pendula'

Pronunciation: PROO-nus sub-her-TELL-uh

Common name(s): Weeping Higan Cherry

Family: *Rosaceae*

USDA hardiness zones: 5 through 8 (Fig. 2)

Origin: not native to North America

Uses: shade tree; specimen; no proven urban tolerance

Availability: generally available in many areas within its hardiness range

DESCRIPTION

Height: 20 to 30 feet

Spread: 15 to 25 feet

Crown uniformity: irregular outline or silhouette

Crown shape: weeping

Crown density: moderate

Growth rate: fast

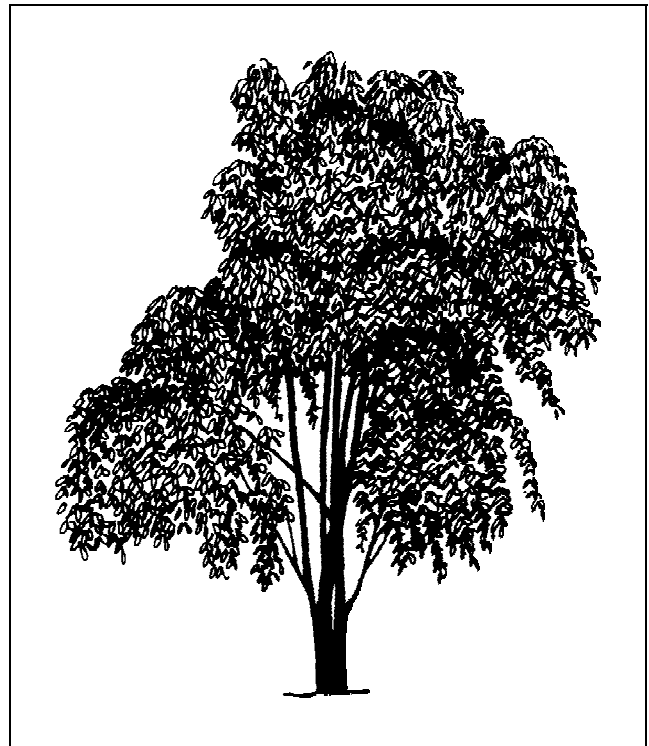


Figure 1. Mature Weeping Higan Cherry.

Texture: fine

Foliage

Leaf arrangement: alternate (Fig. 3)

Leaf type: simple

Leaf margin: serrate

Leaf shape: oblong; ovate

Leaf venation: banchidodrome; pinnate

Leaf type and persistence: deciduous

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2. Edward F. Gilman, associate professor, Environmental Horticulture Department; Dennis G. Watson, associate professor, Agricultural Engineering Department, Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, Gainesville FL 32611.

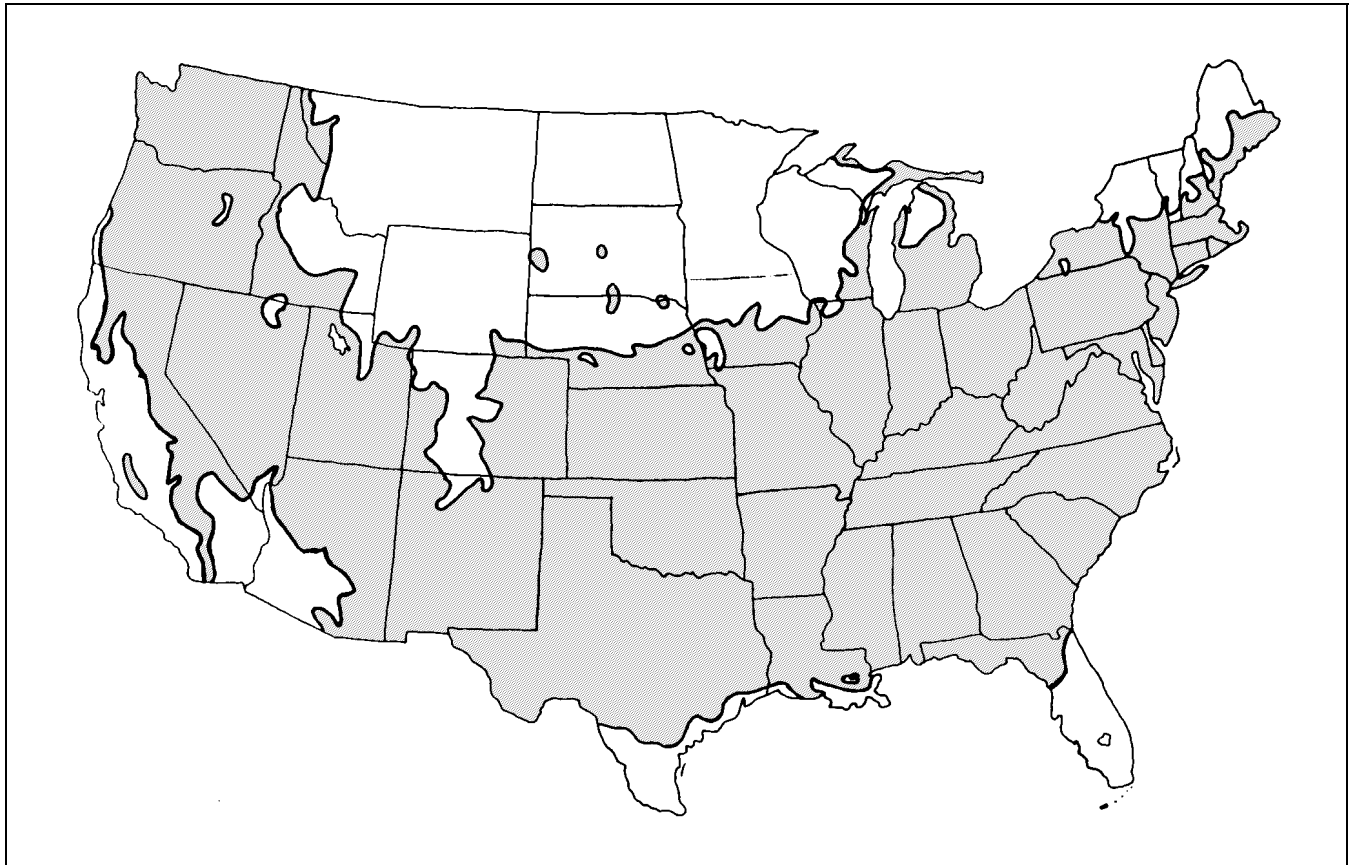


Figure 2. Shaded area represents potential planting range.

Leaf blade length: 2 to 4 inches; less than 2 inches

Leaf color: green

Fall color: yellow

Fall characteristic: showy

Flower

Flower color: pink

Flower characteristics: spring flowering; very showy

Fruit

Fruit shape: oval

Fruit length: < .5 inch

Fruit covering: fleshy

Fruit color: black

Fruit characteristics: attracts squirrels and other mammals; inconspicuous and not showy; no significant litter problem

Trunk and Branches

Trunk/bark/branches: droop as the tree grows, and will require pruning for vehicular or pedestrian clearance beneath the canopy; not particularly showy; should be grown with a single leader; no thorns

Pruning requirement: requires pruning to develop strong structure

Breakage: resistant

Current year twig color: brown

Current year twig thickness: thin

Culture

Light requirement: tree grows in full sun

Soil tolerances: clay; loam; sand; acidic; well-drained

Drought tolerance: moderate

Other

Roots: surface roots are usually not a problem

Winter interest: tree has winter interest due to unusual form, nice persistent fruits, showy winter trunk, or winter flowers

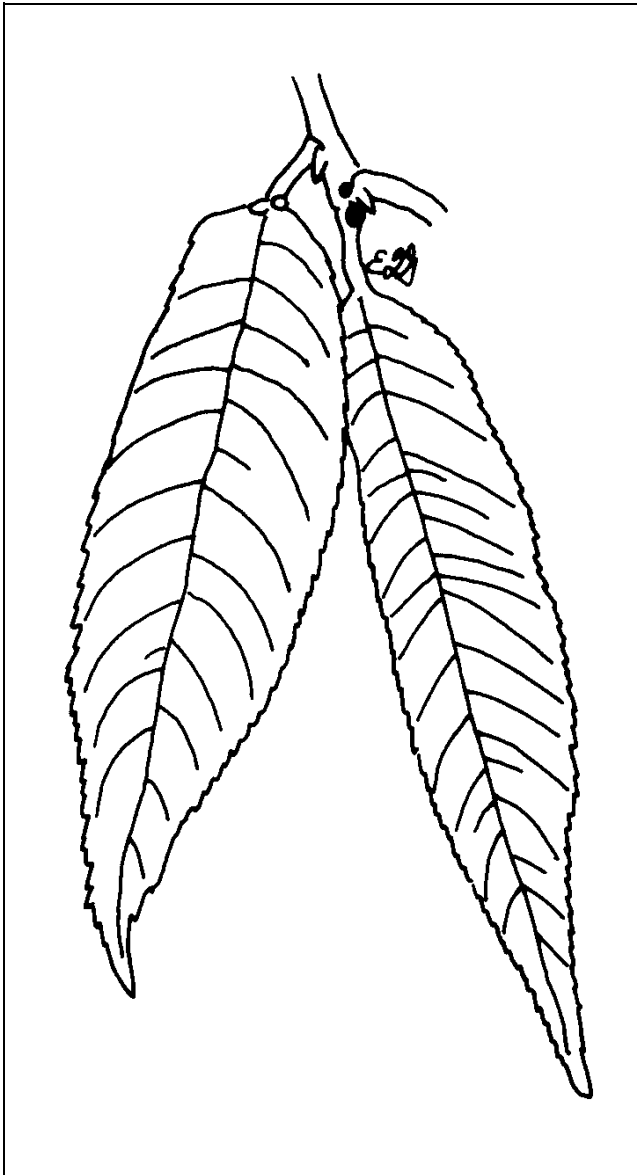


Figure 3. Foliage of Weeping Higan Cherry.

Outstanding tree: tree has outstanding ornamental features and could be planted more

Invasive potential: little, if any, potential at this time

Verticillium wilt susceptibility: susceptible

Pest resistance: very sensitive to one or more pests or diseases which can affect tree health or aesthetics

USE AND MANAGEMENT

Weeping Higan Cherry makes a striking specimen in a large yard, park or commercial landscape. Locate it to bring attention to an area, since its form is attractive all year long. Be prepared to provide more maintenance dollars to care for this beautiful tree than others. One of the premier weeping trees for American gardens, Weeping Cherry has a place in any large-scale landscape as a specimen to accent a lawn

area. It is best to maintain the tree with mulch out to the edge of the canopy and with branches almost touching the ground. Even a light breeze will sway the thin, drooping branches. Very attractive close to water and often used this way.

Nurseries often graft Weeping Cherry onto a fast-growing rootstock. The rootstock cherry is trained to one straight trunk and small Weeping Cherry branches are grafted to the trunk, four to six feet from the ground.

It has a fairly rapid growth rate and prefers an open, sunny location sheltered from wind. The tree grows in almost any soil and transplants easily when young. Grows best without competition from turf grass. Clay soil is suitable as adequate moisture helps keep stress to a minimum. Irrigation is a must in sandy soil.

Other Higan Cherry cultivars are: 'Autumnalis' - flowering occurs in the fall and spring in warmer climates, in colder regions it will bloom in the spring, flowers semi-double, pink; 'Yae-shidare-higan' - weeping branches, flowers double, pink, and longer-lasting than 'Pendula'.

Pests

Rather prone to problems, particularly in dry soil.

Aphids cause distortion of new growth, deposits of honeydew, and sooty mold.

Borers attack flowering cherries, particularly those under stress from dry soil or other factors. Keep trees healthy with regular fertilizer applications, and irrigation in dry weather.

Scales of several types infest prunus. Horticultural oil can be used to provide some control of overwintering stages.

Spider mites cause yellowing or stippling but they are very difficult to see. They are usually recognized only after plant symptoms are quite advanced.

Tent caterpillars make large webbed nests in trees then eat the foliage. One defoliation may not be serious and small nests can be pruned out and destroyed. Use *Bacillus thuringiensis* when the insects are first seen and are still small.

Diseases

Rather prone to problems, particularly in dry soil.

A bacterium causes leaf spot and twig cankers on Cherry. Small, reddish spots dry, and drop out, giving a shot holed appearance. Defoliation can be severe when conditions favor disease development. Fertilize infected trees and prune out infected branches.

A fungus causes reddish spots which drop out leaving shot holes. Once the hole appear the leaves may drop from the tree. The disease is worse in wet weather.

Black knot causes black swellings or galls on the branches. Branches with galls are pruned out.

Powdery mildew causes a white coating on the leaves.