

## *Miscanthus sinensis* 'Silverbell' Japanese Silver Grass<sup>1</sup>

Edward F. Gilman<sup>2</sup>

### Introduction

This cultivar of Japanese silver grass (maiden grass) has a distinctive yellow band along each margin of the leaves displaying a variegated effect (Fig. 1). Leaves droop and weep toward the ground as do many of the other cultivars. Slender leaves originate in a clump, spreading out and up like a fountain. The 5- to 8-foot-tall clumps bear pink flowers in a one-sided inflorescence in late summer and fall which can be used for drying or as a dye plant. Their pinkish or silvery 8- to 10-inch-long plumes persist into the winter. Foliage is flexible and blows easily in the wind. This shrub-like grass turns to a rich gold in the fall; the fall color lasts through the winter.



Figure 1. 'Silverbell' Japanese silver grass

### General Information

**Scientific name:** *Miscanthus sinensis* 'Silverbell'

**Pronunciation:** miss-KANTH-us sye-NEN-sis

**Common name(s):** 'Silverbell' Japanese silver grass

**Family:** *Gramineae*

**Plant type:** herbaceous; ornamental grass

**USDA hardiness zones:** 4 through 9 (Fig. 2)

**Planting month for zone 7:** year round

**Planting month for zone 8:** year round

**Planting month for zone 9:** year round

1. This document is FPS409, one of a series of the Environmental Horticulture Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida. Original publication date October, 1999. Reviewed June, 2007. Visit the EDIS Web Site at <http://edis.ifas.ufl.edu>.

2. Edward F. Gilman, professor, Environmental Horticulture Department, Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, 32611.



**Figure 2.** Shaded area represents potential planting range.

**Origin:** not native to North America

**Uses:** mass planting; border; container or above-ground planter; screen; accent

**Availability:** generally available in many areas within its hardiness range

### Description

**Height:** 5 to 6 feet

**Spread:** 5 to 10 feet

**Plant habit:** upright

**Plant density:** moderate

**Growth rate:** fast

**Texture:** fine

### Foliage

**Leaf arrangement:** alternate

**Leaf type:** simple

**Leaf margin:** serrate

**Leaf shape:** lanceolate

**Leaf venation:** parallel

**Leaf type and persistence:** deciduous

**Leaf blade length:** more than 36 inches

**Leaf color:** variegated

**Fall color:** brown or tan

**Fall characteristic:** showy

### Flower

**Flower color:** red

**Flower characteristic:** summer flowering; fall flowering

### Fruit

**Fruit shape:** no fruit

**Fruit length:** no fruit

**Fruit cover:** no fruit

**Fruit color:** no fruit

**Fruit characteristic:** no fruit

### Trunk and Branches

**Trunk/bark/branches:** typically multi-trunked or clumping stems

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

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

### Culture

**Light requirement:** plant grows in full sun

**Soil tolerances:** occasionally wet; acidic; sand; loam; clay; slightly alkaline

**Drought tolerance:** moderate

**Soil salt tolerances:** poor

**Plant spacing:** 36 to 60 inches

### Other

**Roots:** not applicable

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

**Outstanding plant:** plant has outstanding ornamental features and could be planted more

**Invasive potential:** aggressive, spreading plant

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

### Use and Management

Japanese silver grass is frequently used in the landscape as a specimen or screen. It is also employed in group plantings forming a nice mass of fine-textured foliage. Use Japanese silver grass as an accent or mass planted in a large-scale landscape, such as around a commercial building to add a touch of soft elegance and texture. The slightest breeze moves the foliage, allowing the landscape to "come alive." Many people prefer to cut the grass back to the ground in the spring so new green growth is not covered with last year's dried, brown foliage.

Maiden grass requires a location in the landscape that receives full sun, but it is adaptable to most well-drained soils. This ornamental grass is quite drought tolerant. *Miscanthus sinensis* is a warm season grass and transplants best in the spring. Provide good drainage at the planting site.

Other cultivars include: 'Condensatus', coarser leaf texture than species, mid-summer bloom, 7 to 8 feet tall; 'Gracillimus', narrower leaves than species, fall bloom, upright growth habit from 5 to 8 feet tall; 'Purpurescens', reddish foliage in summer, purple-red foliage in fall, silver pink inflorescence, mid-summer bloom, 4 to 5 feet tall; 'Silver Feather', silvery white flowers in August; 'Strictus', horizontal yellow bands on foliage, upright growth habit, 6 to 8 feet tall; 'Variegatus', white variegation on leaf margin, does relatively well in partial shade, to 7 feet tall; 'Yaku Jima', more compact, 3 to 4 feet tall; 'Zebrinus', horizontal yellow bands on foliage, wide spreading habit, to 7 feet tall.

The propagation of *Miscanthus sinensis* is by division in the spring.

### Pests and Diseases

No pests or diseases are of major concern. Rust diseases occasionally infest the foliage but it often goes away in drier weather.