

# Plant Evaluation Notes

## A Bamboo Performer

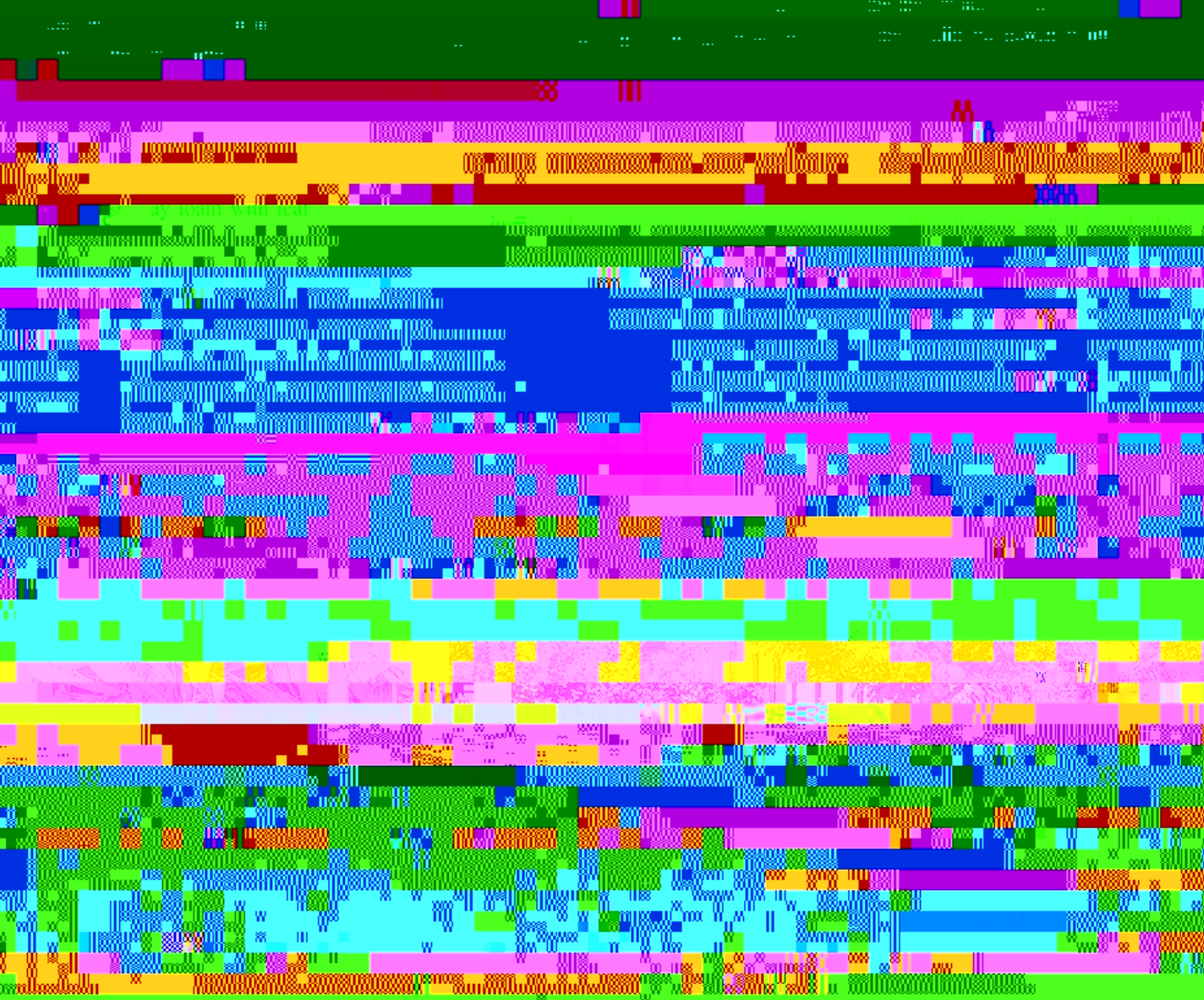
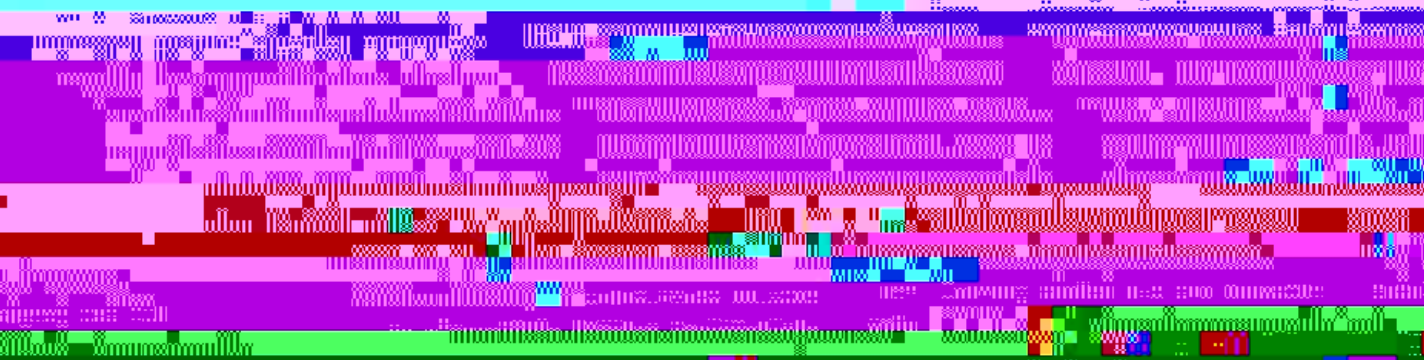
www.chicagobotanic.org

The mention of bamboo conjures images of lush, exotic landscapes

In the warm temperate and southern cli-

mate

mate of the United States, bamboo is often associated with lush, exotic landscapes



applied during the evaluation term. boundaries. The bar

Supplemental irrigation was given to

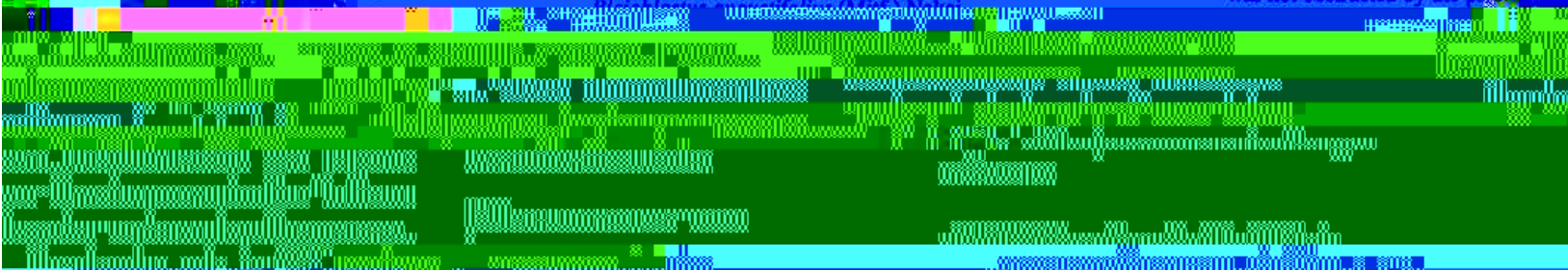


the hard frost in October of 1991. whereas the leaves of *Arundinaria* and *Pleioblastus* species were damaged. Rhizome development was not obstructed by the frost.

the hard frost in October of 1991. whereas the leaves of *Arundinaria* and *Pleioblastus* species were damaged. Rhizome development was not obstructed by the frost.

the hard frost in October of 1991. whereas the leaves of *Arundinaria* and *Pleioblastus* species were damaged. Rhizome development was not obstructed by the frost.

the hard frost in October of 1991. whereas the leaves of *Arundinaria* and *Pleioblastus* species were damaged. Rhizome development was not obstructed by the frost.



the hard frost in October of 1991. whereas the leaves of *Arundinaria* and *Pleioblastus* species were damaged. Rhizome development was not obstructed by the frost.

the hard frost in October of 1991. whereas the leaves of *Arundinaria* and *Pleioblastus* species were damaged. Rhizome development was not obstructed by the frost.

the hard frost in October of 1991. whereas the leaves of *Arundinaria* and *Pleioblastus* species were damaged. Rhizome development was not obstructed by the frost.

the hard frost in October of 1991. whereas the leaves of *Arundinaria* and *Pleioblastus* species were damaged. Rhizome development was not obstructed by the frost.

the hard frost in October of 1991. whereas the leaves of *Arundinaria* and *Pleioblastus* species were damaged. Rhizome development was not obstructed by the frost.

the hard frost in October of 1991. whereas the leaves of *Arundinaria* and *Pleioblastus* species were damaged. Rhizome development was not obstructed by the frost.

the hard frost in October of 1991. whereas the leaves of *Arundinaria* and *Pleioblastus* species were damaged. Rhizome development was not obstructed by the frost.

the hard frost in October of 1991. whereas the leaves of *Arundinaria* and *Pleioblastus* species were damaged. Rhizome development was not obstructed by the frost.

the hard frost in October of 1991. whereas the leaves of *Arundinaria* and *Pleioblastus* species were damaged. Rhizome development was not obstructed by the frost.

the hard frost in October of 1991. whereas the leaves of *Arundinaria* and *Pleioblastus* species were damaged. Rhizome development was not obstructed by the frost.

*Sasa kurilensis* (Rupr.) Mak. et Shib.

Weak growth through first several years. All

Table 2: Winter Weather Data for 1987 to 1992

Year	Lowest winter temp. °F	# of days at 0°F or below
1987-88	-13	16

groundcover effect and decrease the inva-

sive nature of the rhizomes. Bamboo can

be used as groundcover plants with upward stony

as groundcover plants with upward stony

in 1990, but in 1991 several robust culms were found growing with *Pleioblastus pygmaeus*. Fully sized and too much competition from other plants.

from the trial results. Other vigorous running bamboo observed in the trial group

to European science, all were put in genus *Arundinaria*. These species were later transferred to more than

Optimum growth habit mass

small in the first several years following planting up culms, and planting certain species in 1990, but in 1991 several robust culms were found growing with *Pleioblastus pygmaeus*.

prised of small to medium

from the trial results. Other vigorous running bamboo observed in the trial group

to European science, all were put in genus *Arundinaria*. These species were later transferred to more than

prised of small to medium

## 4 Plant Evaluation Notes

Table 3: Characteristics and Performance Specifics of Bamboo Species at the Chicago Botanic Garden, 1987-1992.

	Habit	Average Height <sup>1</sup>	Foliage Color	Winter Color	Hardiness	Minimum Temp. Tolerance	Evergreen	Exposure <sup>2</sup>	Cover Recommendation
<i>Arundinaria gigantea</i>	clump <sup>2</sup>	391.4-123 cm (36-48 in.)	green	tan	rhizome 100% culm 50% <sup>2</sup>	-10°	no	partial shade	no
<i>Phyllostachys</i>	running	91.4-115 cm	green	tan	rhizome 100% culm 50% <sup>2</sup>	-10°	yes	shade/sun <sup>2</sup>	no
<i>Arundinaria</i>	clump	100-150 cm (33-49 in.)	green	tan	rhizome 100% culm 0% <sup>2</sup>	0°	yes	shade/sun <sup>2</sup>	no
<i>Arundinaria</i>	clump	100-150 cm (33-49 in.)	green	tan	rhizome 100% culm 0% <sup>2</sup>	0°	yes	shade/sun <sup>2</sup>	no
<i>Phyllostachys</i>	running	100-150 cm (33-49 in.)	green	tan	rhizome 100% culm 0% <sup>2</sup>	0°	yes	shade/sun <sup>2</sup>	no
<i>Phyllostachys</i>	running	100-150 cm (33-49 in.)	green	tan	rhizome 100% culm 0% <sup>2</sup>	0°	yes	shade/sun <sup>2</sup>	no
<i>Phyllostachys</i>	running	100-150 cm (33-49 in.)	green	tan	rhizome 100% culm 0% <sup>2</sup>	0°	yes	shade/sun <sup>2</sup>	no
<i>Pleioblastus pygmaeus</i>	running	25.4-50.8 cm (10-20 in.)	greenish-white	tan	rhizome 100% culm 0% <sup>2</sup>	10°	yes	shade/sun <sup>2</sup>	yes
<i>Pleioblastus viciistratus</i>	running	76-86.3 cm (30-34 in.)	greenish-white	tan	rhizome 100% culm 0% <sup>2</sup>	0°	yes	shade/sun <sup>2</sup>	highly
<i>Sasa</i>	running	38.1-45.7 cm (15-18 in.)	green	tan	rhizome 100% culm 0% <sup>2</sup>	0°	yes	shade/sun <sup>2</sup>	highly