



North Florida Botanical Society
4700 SW 58th Drive
Gainesville, Florida 32608
<http://www.kanapaha.org/>

Address Service Requested

NONPROFIT ORGANIZATION
US POSTAGE PAID
GAINESVILLE, FLORIDA
PERMIT No. 51

2010 Bamboo Sale

BAMBOO GIFT CERTIFICATES ARE NOW AVAILABLE!



KANAPAHA BOTANICAL GARDENS'
28th Annual Bamboo Sale

January & February 2010

KANAPAHA BOTANICAL GARDENS' 28TH ANNUAL WINTER BAMBOO SALE

The bamboo garden at Kanapaha Botanical Gardens hosts the state's largest public collection of bamboo species. When surplus is available, it is offered for sale on a 'dug-to-order' basis to generate income for the Gardens, a nonprofit facility. All species displayed here are cold-hardy and (except in extremely severe winters) evergreen.



GROWTH FORMS

There are 2 basic bamboo growth forms. Clumping bamboos grow as expanding clumps of densely packed canes, whereas running bamboos send out long underground 'runners' and develop thickets. Both make excellent visual screens. The spread of running bamboos can be curbed by subterranean barriers or, more simply, the removal of unwanted shoots (which are edible in many species) when they appear each spring. Because they are tropical, clumping bamboos suffer more damage than running bamboos, when exposed to temperatures below 15 degrees F, but they are not normally killed. Giant Timber Bamboo and Blue Bamboo (as noted herein) may require special protection when temperature drops to 20 degrees F or lower. All other bamboos listed are cold-hardy and (except in extremely severe winters) evergreen



CLUMPING BAMBOOS, bamboos belonging to the genus *Bambusa* grow from a rhizome system that annually produces new canes at the immediate outer margin of the dense stand to produce an expanding clump. Because they spread more slowly and because they are so visually impenetrable, many homeowners prefer them for visual screening as well as visual accents in the landscape. Clumping species offered this year are: *Stripestem*, *Hedge*, *Golden Goddess*, *Chinese Goddess*, *Silverstripe*, *Giant Timber*, *Blue*, *Wong Chuk* (2 forms), *Puntingpole*, *Buddha's Belly*, *Variiegated Buddha's Belly* and *Dwarf Buddha's Belly*."

RUNNING BAMBOOS, like the elegant *White Bamboo*, *Phyllostachys nigra* 'Henon,' produce loose thickets or "bamboo forests" that can be walked through. Their rhizome systems grow in all directions and intermittently send up shoots to produce this effect. They are potentially invasive but can be limited by subterranean barriers (concrete, heavy plastic liner, etc.) two feet deep or, more simply, by annually mowing down unwanted shoots when they emerge. Running bamboos produce their annual crop of new shoots in the spring. This year's winter bamboo sale offers the following runners: *Switchcane*, *Arrow*, *White Bamboo*, *Beautiful Bamboo*, and the incomparably beautiful *Black Bamboo*. *Arrow Bamboo*, the best species for shade, is considered a "running and clumping" bamboo since its spreading rhizome system produces a grove of closely spaced clumps.





GROWTH HABITS

For approximately 10 months annually, almost no growth occurs in the above-ground portion of the plant as it puts its energy into rhizome growth. Then, during the 2-month 'shoot season,' new and larger canes emerge, often with phenomenal speed (almost 2 inches per hour in one species) that makes bamboo the fastest growing of all vascular plants. Running bamboos produce their shoots in early spring; clumpers shoot in the summer. Individual canes live for an average of 5 to ten years and attain maximum strength (for construction purposes) at 'middle age.'



TRANSPLANTING BAMBOO

When transporting bamboos, it is important to keep the rhizome system moist and to prune off the upper portion of the canes (above the 4th branch-bearing node; we will provide this service when digging bamboos for sale). It is helpful to enrich the planting site with peat or composted organic matter to enhance the soil's capacity for moisture retention. Transplanted bamboos should be watered regularly for the first 3 months to ensure successful establishment. Thereafter, regular watering and quarterly fertilization will promote vigorous growth. Arrow Bamboo prefers shade and is the best species for such sites in this area. All other species sold during our annual winter bamboo sale will tolerate some shade but grow best on sunny sites (5 or more hours of direct sunlight daily). A detailed planting and maintenance guide will be provided with each order.



BUYING BAMBOO

Bamboos likely seem expensive to those unfamiliar with their propagation. The cost is attributable to both demand and the fact that most species cannot be readily propagated from cuttings and seeds are rarely produced (once every 120 years in one species we display). Thus, propagation is accomplished by digging and chopping apart the woody rhizome system, a process akin to dismantling a subterranean network of two-by-fours. Because this sort of propagation is labor intensive, prices are higher than for nursery-grown species and almost no nurseries stock them. Please keep in mind that it is the rhizome system ("root ball") that you are paying for. Because we sell locally, we keep the canes attached so buyers have something to look at right away; but the "soul" of a bamboo plant is its subterranean rhizome network that will send aloft new canes each shoot season. This year we offer 18 different kinds of bamboo including two rarely offered types (Variegated Buddha's Belly Bamboo and Dwarf Buddha's Belly Bamboo) and two that have not been offered before (Blue Bamboo and Graceful Bamboo).



Bamboos are dug to order to insure freshness. Our workers are skilled in the toilsome and precise art of carving away divisions from the massive woody rhizome systems of our stock plants. The separated rhizome mass ("root ball") is bagged and the tops of the canes are trimmed to facilitate transport and to create a balance between the top's water demand and the reduced capacity of the "root ball" to provide it. These bagged plants are stored in a shady site and kept moist until they are picked up, usually no more than 4 days. We load them into your vehicle and provide a final trim if necessary. A transport and care sheet is provided to each buyer at the time they are notified of their pick-up time, a weekend day unless you notify us otherwise.

KANAPAHA BOTANICAL GARDENS' 2

* Size (gal.) Indicates the capacity of a standard nursery pot into which the rhizome mass ("root ball") would be potted if sold as nursery.

** NA = Not Available.

Clumping Bamboos	5 gal*	15 gal	20gal
HEDGE BAMBOO (<i>Bambusa multiplex</i>) is the horticultural standard for visual screening. Grows to height of 30'. A CLUMPING bamboo for sun/bright shade.	NA**	32.00	49.00
GOLDEN GODDESS (<i>Bambusa multiplex</i> 'Golden Goddess') is a medium size version of the larger hedge bamboo. It attains a mature height of 15'. Excellent visual screen in sun/bright shade.	29.00	46.00	NA
CHINESE GODDESS (<i>Bambusa multiplex</i> 'Rivierorum') Very diminutive cultivar of the CLUMPING Hedge Bamboo. Solid pencil-thin canes only 8' tall bearing delicate leaves. Sun/bright shade.	42.00	NA	NA
STRIPESTEM BAMBOO (<i>Bambusa multiplex</i> 'Alphonse Karr') is a beautiful CLUMPING bamboo whose golden yellow canes bear green pinstripes. Grows to 25' and prefers sun/bright shade.	NA	46.00	66.00
WONG CHUK (<i>Bambusa textilis</i> 'Kanapaha') is an elegant giant CLUMPING bamboo in a class of its own. Perfectly straight 3" canes to 40 feet; lower third of canes devoid of braches. Available in limited quantities . Sun/bright shade.	NA	NA	280.00
GRACEFUL BAMBOO (<i>Bambusa textilis</i> 'gracilis') is a slightly smaller version of Wong Chuk Bamboo for use in more limited spaces. Perfectly straight 2" diameter canes to 30 feet; lower third of canes devoid of branches. Offered first time in limited quantities. Sun/bright shade.	NA	NA	230.00
BLUE BAMBOO (<i>Bambusa chungii</i>) is a large bamboo with stunning powder blue canes. Lower ¼ of canes devoid of branches. Canes grow 2" in diameter and 30 feet high. Hardy to 21 degrees F so should be planted in a sheltered site. Offered for first time in extremely limited quantities. Sun/bright shade.	NA	NA	340.00
GIANT TIMBER BAMBOO (<i>Bambusa oldhamii</i>) is available again in limited quantity . Canes 4 inches thick and 50+ feet high. May be damaged by temperatures below 20 degrees F so plant in a sheltered site. Sun/bright shade.	NA	NA	270.00
BUDDHA'S BELLY BAMBOO (<i>Bambusa ventricosa</i>) is a giant CLUMPING bamboo whose canes are slightly zig-zagged at the base; its crowns bear foliage in such profusion as to resemble giant green ostrich plumes. Grows to 55 feet with 3" thick-walled canes. Sun. May be damaged by temperatures below 20 degrees F so should be planted in a sheltered site. Limited quantities .	NA	NA	246.00
DWARF BUDDHA'S BELLY BAMBOO (<i>Bambusa ventricosa</i> 'minima') is the ultimate decorative species for a dramatic landscape accent. Canes have shortened joints that are swollen and tightly packed. Grows to only 12'. This CLUMPING bamboo is available in limited quantities .	200.00	NA	NA

8th ANNUAL WINTER BAMBOO SALE

ery stock. In fact, all plants are sold bare root with the "root ball" bagged in plastic and approximately 1/2 of each cane clipped.

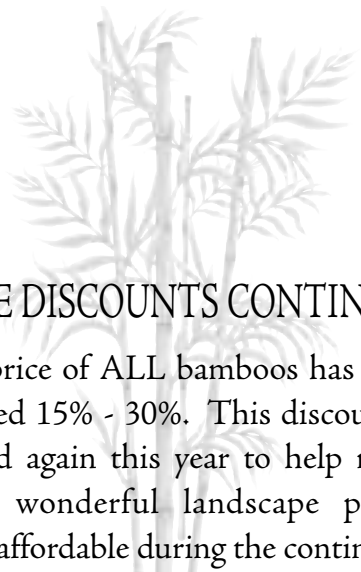
VARIGATED BUDDHA'S BELLY BAMBOO (*Bambusa ventricosa* 'kimmei,') Is a gaint CLUMPING bamboo like the Buddhas Belly Bamboo , but has yellow canes bearing dark green stripes. 55' with 3" canes. Sun. **Limited quantities.**

NA	NA	270.00
----	----	--------

PUNTINGPOLE BAMBOO (*Bambusa tudaoides*) is a large CLUMPING bamboo that has straight, thick walled canes that grow to 50' or more and 2" in diameter. **Limited quantities.**

NA	NA	102.00
----	----	--------

Running Bamboos	5 gal*	15 gal	20gal
<p>ARROW BAMBOO (<i>Pseudosasa japonica</i>) is a RUNNING-AND-CLUMPING species that produces a grove of clumps. Slender canes and broad droopy leaves make it an elegant bamboo. The best species for shady sites. 20'. High potential for invasiveness.</p>	NA	20.00	29.00
<p>SWITCHCANE (<i>Arundinaria gigantea</i>) is a small RUNNING bamboo native to the forests of the southeastern U.S. 15'. Prefers shade. Good wildlife forage.</p>	16.00	NA	NA
<p>WHITE BAMBOO (<i>Phyllostachys nigra</i> 'Henon') A choice RUNNING bamboo that grows to 40+ ft. and has 2" whitish canes and edible shoots. Sun.</p>	NA	41.00	58.00
<p>BEAUTIFUL BAMBOO (<i>Phyllostachys decora</i>) a stately RUNNING bamboo with cheery bright canes to 30 ft. Sun/bright shade.</p>	NA	32.00	49.00
<p>BLACK BAMBOO (<i>Phyllostachys nigra</i>) is a RUNNING species that is considered by many to be the world's most beautiful bamboo. Mature canes are jet black. 20'. Sun/bright shade. Quantity limited.</p>	NA	110.00	NA



PRICE DISCOUNTS CONTINUE

The price of ALL bamboos has been reduced 15% - 30%. This discount is offered again this year to help make these wonderful landscape plants more affordable during the continuing weakness in the nation's economy.

HOW TO ORDER BAMBOO

Orders for bamboo may be phoned in to 352-372-4981. Buyers will be advised of the date orders will be ready for pickup. Payment can be made when plants are picked up. Bamboo Sale is in January and February only. ORDERS ARE PRIORITIZED BY DATE OF RECEIPT SINCE ORDERS FOR SOME BAMBOOS MAY EXCEED AVAILABILITY.

**BAMBOO GIFT CERTIFICATES ARE NOW AVAILABLE!
EXCELLENT GIFT IDEA!**



Stripedstem Bamboo, *Bambusa multiplex* 'Alphonse Karr,' derives its common name from its beautifully striped canes. These are golden yellow variously marked with green pinstripes; no two canes are identical.



Dwarf Buddha Belly Bamboo, *Bambusa ventricosa* 'minima,' is easily distinguished from other bamboos by the swollen internodes at the base of its tightly packed canes. This species and Stripedstem Fernleaf Bamboo (not offered this year) are considered by many to be the very finest accent plants for ornamental ponds and other water gardens. Absolutely stunning.



Buddha Belly Bamboo, *Bambusa ventricosa*, is the largest clumping bamboo that is reliably cold hardy in northern Florida. Its canes are deep vibrant green and may attain a diameter of nearly four inches and a height of more than 50 feet. Its canes are thick walled and very heavy and noticeably zig-zagged at their bases.



Wong Chuk (Royal) Bamboo, *Bambusa textilis* 'Kanapaha', is an exceptionally beautiful giant clumping bamboo because the lower halves of its huge canes are naturally unbranched. It is also known as Weaver's Bamboo because its thin walled canes are easily split into strips that can be woven into baskets and other products.



The colossal Giant Timber Bamboo, *Bambusa oldhamii*, is the largest of all clumping bamboos offered for sale at Kanapaha Botanical Gardens. Its thick walled canes will exceed 4 inches in diameter and 50 feet in height.



Black Bamboo, *Phyllostachys nigra* has the most stunningly beautiful shiny black canes of any bamboo.



New spring shoots are green but become mottled at the nodes as the season progresses and mature to jet black. It is a running species, meaning its canes are widely enough spaced that a pathway can be cleared through the grove, an impossibility with clumping bamboos.



Arrow Bamboo, *Pseudosasa japonica*, is the most shade tolerant of the hardy bamboos. Its running-and-clumping growth habit is unique among the bamboos we display and sell. Its running rhizomes produce clumps of canes rather than putting them up individually. This produces a grove of closely spaced clumps of bamboo canes. It should nonetheless be considered a running bamboo for purposes of maintenance/control and is potentially invasive.



BAMBOO WORKSHOP

Kanapaha Botanical Gardens annually offers a bamboo workshop to acquaint homeowners with the bamboos. This workshop includes an introduction to Kanapaha's bamboo collection and information on the cultivation, propagation, and landscape utilization of bamboo species in North Florida. You are invited to this year's workshop.

Saturday, January 16
1:30 p.m. - 4:30 p.m.
Registration \$10 individual
\$15 couple
\$5 off for members

To register, or for more information,
call 352 372-4981

FREQUENTLY ASKED QUESTIONS



WHY DO BAMBOOS EXCEL AS VISUAL SCREENING?

The plants most commonly utilized for visual screening are evergreen shrubs bearing densely packed leaves. As shrubs grow upward, they produce most new leaves at the top of the plant and this leaf cover tends to shade out leaves below. The effect is a “leggy” plant; one with vegetation clustered at the top and exposed branches below. Through time, the leggy portion constitutes more and more of the plant making it possible to see through the lower portion of what was once an effective visual screen.

With bamboos, it is the stems (canes) themselves that provide the bulk of the low screening with foliage providing screening above. The appearance of new canes each season increases the plant’s effectiveness as a visual screen. Because the canes of clumping bamboos are more closely spaced, many prefer them. Still, a running bamboo will provide the same screening effect in time, though more space is required. Both will produce about the same number of canes annually, but they are more widely spaced in running species.

Interesting Fact...

Bamboo is a crucial element in the balance of oxygen and carbon dioxide in the atmosphere. A grove of bamboo release 35% more oxygen than an equivalent stand of trees. Because of this, planting bamboo is a great way to reduce your carbon footprint and help fight global warming.

IF BAMBOOS ARE SO FAST GROWING, WHY IS
MINE JUST SITTING THERE?

Even though bamboos are, overall, relatively fast growing plants, their reputation derives from the rate of elongation of individual canes - not from the number of canes produced. This important distinction is at the root of a misunderstanding that sometimes leads to unrealistic expectations on the part of first time buyers.

Bamboos only produce new shoots during a roughly 2-month “shoot season” once each year. This is in early spring for running species and mid summer for clumping types. Even though newly dug running bamboos will mount an effort to produce new canes when we dig them each winter, they put most of their energy into recovery from the digging and transplanting process and usually produce relatively small canes. The first year effort of clumping types will be a bit more rewarding, but even they are still recovering in midsummer when their shoot season begins. The first substantial showing for either type will come during their second year and the response thereafter is so impressive that you’ll soon forget any disappointment you experienced the first year. Bamboos are one of a number of plants for which there is an applicable adage: “The first year they sleep, the second they creep and the third they leap,” except that the leaping often begins the second year.

