



PALMETTO
ST AUGUSTINE

Stenotaphrum secundatum 'SS100' (L)

SUMMARISED PALMETTO RESEARCH - Evidence to back up claims made in the Palmetto Video

Most of the claims are based on the interpretation of a number of research projects, whilst some are made on a judgmental basis. The research is based on multiple years of evaluation comparing Palmetto to the other two best selling Buffalo's, or research conducted by third parties where listed.

BEST WINTER COLOUR

Palmetto has the best winter colour for a low maintenance turf. Over a two year evaluation Palmetto had a rating of 55% better winter colour than Sir Walter and a rating of 158% better winter colour than Shademaster. Research also showed Palmetto needed autumn fertiliser to achieve outstanding winter colour.



Winter colour taken in the coldest part of winter after many frosts. Colours are taken from the above photo.

Combined average results of 1st and 2nd year winter colour trials

	Palmetto Buffalo	Sir Walter Buffalo	Shademaster Buffalo	Couch Grass
1st year	5.81	4.64	2.57	1.6
2nd year	5.43	3.5	2.1	0.93
Average	5.62	4.07	2.335	1.265

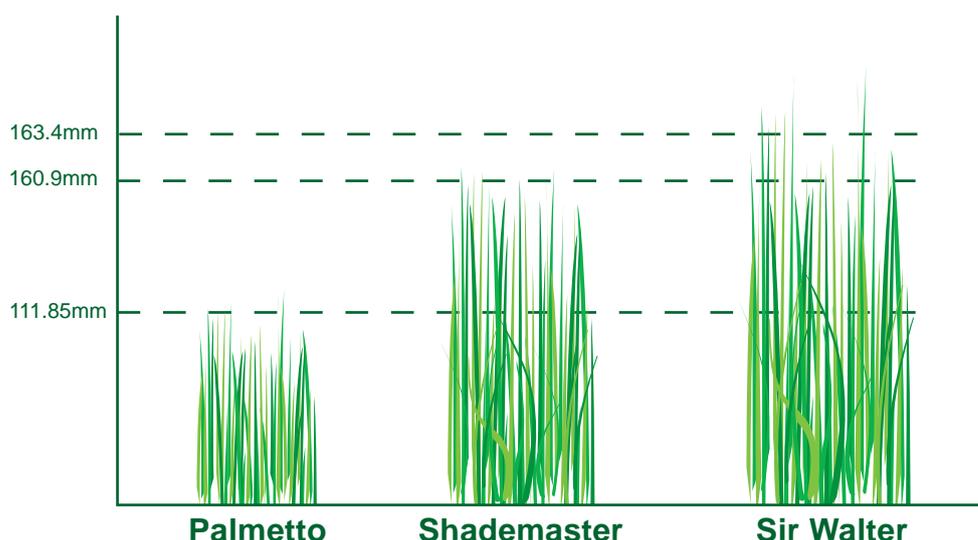


NOTE: Rated from 0 (totally brown) to 10 (perfectly green)

For more info go to www.ozbreed.com.au/research-papers/3yr-winter-colour-results.html

HOLIDAY CARE

Don't come back to a jungle after your holidays. Palmetto can be left a lot longer without any maintenance or mowing without becoming too tall, untidy or invasive compared to Sir Walter and Shademaster Buffalo's. After approximately 20 weeks Palmetto was 49.05mm lower than Shademaster and 51.55mm lower than Sir Walter. Palmetto was also observed to be more uniform and less invasive than the other Buffalo's.



Tested over a 20 week period. For more information go to www.ozbreed.com.au/research-papers/3yr-no-mowing-results.html

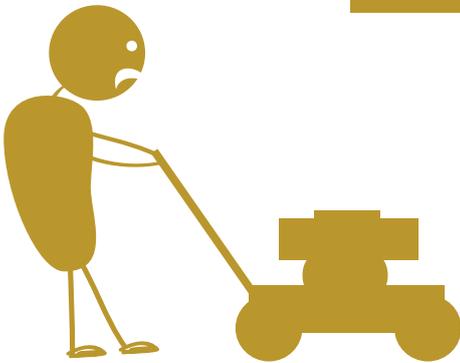
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ALLERGIES? NO WORRIES!



Seed heads on grass can cause allergies. In a full year trial at Richmond, Palmetto had an average of 40% less seed head than the other popular Buffalo varieties. Data from DPI & HAL study.

NO MORE MOWING EVERY WEEKEND



For your lawn to look good and need less frequent mowing, Palmetto is the best choice for Buffalo's. Palmetto has 28% less clippings than Sir Walter and 10% less clippings than Shademaster. Palmetto needs 14.3% less mowing than Sir Walter and 7.7% less mowing than Shademaster.

For more info go to
www.ozbreed.com.au/research-papers/3yr-clipping-rates.html
www.ozbreed.com.au/research-papers/mowing-trials.html

DPI Queensland growth parameters of Buffalo (cm)

	Palmetto Buffalo	Sapphire Buffalo	Matilda Buffalo	Kings Pride Buffalo	Sir Walter Buffalo
Height uncut for 266 days	19.9	30.4	31	34.8	35.8

NOTE: The above data was taken from a Department of Primary Industries and Horticulture Australia study: Adaptation and Management of Australian Buffalo Grass Cultivars for Shade and Water Conservation.

LESS EDGING

Palmetto spreads a lot less than the other grass types. The study below proves it is less invasive to garden beds.

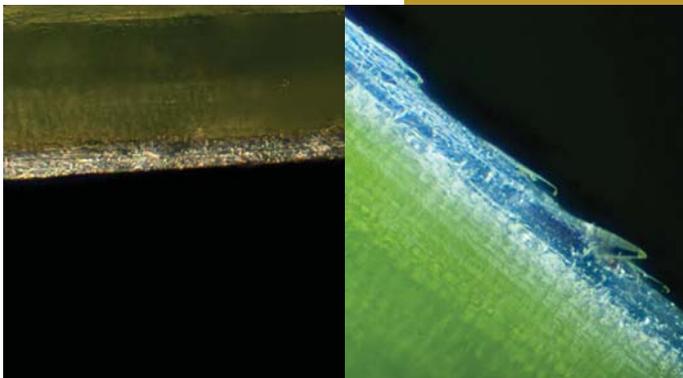
DPI Queensland growth parameters of Buffalo (cm)

	Palmetto Buffalo	Sapphire Buffalo	Matilda Buffalo	Sir Walter Buffalo	Kings Pride Buffalo
Lateral spread Averages	105.73	136.6	147.13	166.9	168.6

NOTE: The above data was taken from a Department of Primary Industries and Horticulture Australia study and was averaged from three lateral spread experiments: Adaptation and Management of Australian Buffalo Grass Cultivars for Shade and Water Conservation.

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PROOF THAT PALMETTO IS SOFT!



Palmetto Buffalo
Halfway down the leaf

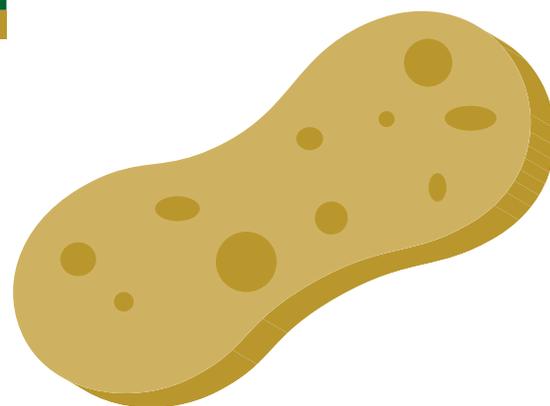
Common Sydney Buffalo
Halfway down the leaf

These photos of Buffalo barbs are from Peter Kinchington, an independent microscopic photographer. Palmetto was also checked by the Botanic Gardens National Herbarium, and was found to have no barbs on the mid-section and further down the leaf, whilst Common Sydney Buffalo had barbs on all leaves further down the leaf, and another variety showed that 25-30% of leaves had teeth on the mid-section on one or both sides.

LESS THATCH

Thatch is an annoying issue with some Buffalo's and can make your lawn feel spongy. Palmetto is the Buffalo Grass with the least thatch. Palmetto is easier to mow because it has less thatch.

For more info go to
www.ozbreed.com.au/research-papers/mowing-trials.html
www.palmetto.com.au/pdf_files/mowingtrial.pdf



Please note: The results from this internal Ozbreed research and investigations were achieved in what we believe was an accurate and unbiased manner, and should anyone follow the same experiment again, Ozbreed believes they should get similar results. For purposes of full disclosure, the following information is tabled. This investigation was conducted by Ian Paananen, a scientist, who has completed some other paid work for Ozbreed Pty Ltd in the past, and Henry Locock, a mowing contractor who has worked for the principle of Ozbreed in the past, and Nathan Dutschke a horticulturalist and an employee of Ozbreed. For the full research information go to www.ozbreed.com.au/plant-turf-research.html

NOTE: Ozbreed has the rights for Palmetto and Sapphire only. Ozbreed does not sell or market Sir Walter, Kings Pride or Matilda Buffalo's and has supplied this information for comparison reasons only.

Stenotaphrum secundatum 'SS100' is the genus, species and cultivar name of this buffalo grass. Thus SS100 is the cultivar or variety name of the turf. Palmetto is the trade name, or brand name.

See all of this information on video with the Garden Guru's
www.palmetto.com.au/video03.html