

TRADEMARK:	Palmetto® Buffalo	BOTANICAL NAME:	<i>Stenotaphrum secundatum</i>
PBR:	SS100 This variety is protected by Australian Plant Breeder's Rights (PBR)		

KEY FEATURES:



- Palmetto® Buffalo is the Number 1 selling Buffalo in the world.
- Palmetto® Buffalo outperforms 'Sir Walter' in trials for maintaining colour, hardiness and growth speeds^{1,2}.
- As Palmetto® Buffalo grows slower than other Buffalo varieties, it requires less mowing and less maintenance.
- Palmetto® Buffalo fared the best for drought tolerance against all other Buffalo varieties trialled³ thanks to its deep-rooted system.
- Palmetto® Buffalo winter colour fared ≈ 40% better than Sir Walter and 140% better than Shademaster⁴.
- Palmetto® Buffalo has strong-growing runners that grow across the ground, rather than upwards creating a dense lawn with solid wear tolerance and fast recovery rate.
- Palmetto® Buffalo meets the Erosion Control Australian Standard No# AS5181: 2017 – *Use and installation of turf as an erosion, nutrient and sediment control measure.*

MORPHOLOGY:

PLANT	Growth:	Stoloniferous	Vigour:	Medium to strong
STOLON	Stolon length:	Medium	Stolon diameter of node:	Medium to broad
	Internode length:	Medium	Internode thickness:	Medium
	Internode colour:	Yellow/green		
LEAF BLADE	Texture of surface:	Glabrous	Length:	Short
	Inflorescence anthers:	Terminal or axillary	Attitude:	Horizontal
	Colour:	Dark green		

Note: Data is relative to other commercial Buffalo grass varieties trialled. ⁵

PERFORMANCE:

ESTABLISHMENT	Establish August to May. Dormant in low temperatures in winter.
DROUGHT TOLERANCE	Medium
WATER REQUIREMENTS	Required for establishment: 1-14 days (4mm twice a day), 15-28 days (7.5mm once a day), 29-35 days (7.5mm every 2nd day). Then twice weekly to maintain good colour.
MAINTENANCE	Low
MOWING	Requires regular mowing to maintain good colour but lower than other Buffalos due to low seed head production (about 3 times per month). Recommended mowing height in full sun - 20-50mm, in shade - 50-70mm. Maximum unmown height is between 100-150mm.
THATCHING	Low
FERTILISER	Every 3 months or as required.
COLOUR	Excellent winter colour. Holds winter colour longer than most other commercial Buffalo varieties.

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PERFORMANCE (continued):

WEAR TOLERANCE	High (<i>due to quick growing stolons producing lateral growth</i>).
SHADE TOLERANCE	High. Grows in full-sun to 60% shade. Handles 45%-50% shade under moderate wear.
COLD TOLERANCE	High: Tolerates to -7°C.
SALT TOLERANCE	Low
WEED RESISTANCE	High: It's dense growth makes it harder for weeds to invade.
DISEASE RESISTANCE	High: Avoid watering late afternoon or in the evening to limit leaf spot diseases.
PEST RESISTANCE	High
SEED HEAD	Has low seed head production in ideal growing conditions. If seed head is prolific, it is an early indication of plant stress.

AVAILABILITY:

QLD, NSW, VIC, SA & WA

ADVISORY:

John Keleher, Agronomist, TPI Board Member & Turf Farmer

REFERENCES:

- Layt, T. & Paananen, I. (2007) *Quantifying the strengthening of soil by commonly used landscape plants and turf*
- Colmer, T. (2012) The University of Western Australia *Evaluation of soft leaf buffalo cultivars: renovation, mowing heights, and water use* HAL Project TU09005.
- Duff, A., Loch, D. & Colmer, T. (2009) Queensland Primary Industries and Fisheries Department of Employment, Economic Development and Innovation *Adaptation and management of Australian buffalo grass cultivars for shade and water conservation* HAL Project TU04013.
- Chalmers, D. R., Steinke, K., White, R. & Fipps, G. (2006) *Evaluation of Sixty-Day Drought Survival in San Antonio of Established Turfgrass Species and Cultivars*, SAWS study Year 1 Progress Report, Texas.
- Scattini, W. (1999) *Stenotaphrum secundatum Buffalo Grass 'SS100'*. Plant Varieties Journal Vol. 12, No. 2.



Domestic lawn application



Domestic lawn application

LICENSING & COMMERCIAL ENQUIRIES:

TurfBreed Pty Ltd's contracts under license a large network of growers across the country to grow Palmetto® Buffalo fit for purpose and region.

To discuss how Palmetto® Buffalo can become part of your new project or as a long-term erosion control measure, please contact our Territory Managers.

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