

TRADEMARK:	Sapphire® Buffalo	BOTANICAL NAME:	<i>Stenotaphrum secundatum</i>
PBR:	B12 This variety is protected by Australian Plant Breeder's Rights (PBR)		

KEY FEATURES:



- Sapphire® Buffalo is Australia's 'Number 1' Buffalo for shade tolerance.
- Sapphire® Buffalo looks finer than other Buffalos due to its narrow-folded, medium-broad blade, making it a very high performing Soft Leaf Buffalo.
- Due to its high performance and fast stolon/runner growth, Sapphire® Buffalo recovers quickly from wear.
- Sapphire® Buffalo has a slight blue-ish tinge and with dark-green runners, unlike other popular Buffalos which are largely purple.
- Sapphire® Buffalo has a dense root system, unlike other commercial Buffalos, improving drought tolerance.
- Sapphire® Buffalo is reliable and well-regarded to grow quickly after transplanting. A new root system establishes within 14-days of planting/sprigging with good upkeep.
- Sapphire® 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:	Strong to very strong
STOLON	Stolon length:	Medium	Stolon diameter of node:	Medium to broad
	Internode length:	Medium	Internode thickness:	Medium
	Internode colour:	Yellow/green		
LEAF BLADE	Shape:	Glabrous	Length:	Short leaf blade 20.2mm
	Colour:	Green/blue		

PERFORMANCE:

ESTABLISHMENT	Establish spring to autumn. Dormant during 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 per 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.
WEAR TOLERANCE	High (<i>due to quick growing stolons</i>).
SHADE TOLERANCE	Very high: Full sun to 70% shade ²

Continued...



TECHNICAL DATA (continued)



PERFORMANCE (continued):

COLD TOLERANCE	High: Tolerates to -7°C.
SALT TOLERANCE	Low
WEED RESISTANCE	High: In well established and well maintained lawns.
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:

1. Paananen, I. (2002) *Stenotaphrum secundatum* Buffalo Grass 'B12'. Plant Varieties Journal, Vol 15, No. 4.
2. 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 Sapphire® Buffalo fit for purpose and region.

To discuss how Sapphire® 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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