

Landscape & Lawn

Turf grass plays an important part in our lives. It grows in our gardens and parks. It is not only its use in practice that is important, but also its esthetic and its ability to purify air and water. A carefully considered grass seed mixture will increase the pleasure you get from your ornamental lawn for many years.

Water Saver

Beat the drought with grass using less water!

- Drought tolerant
- Less irrigation
- For play and ornamental lawns



WaterSaver®

Grass with less water

Beat the drought!

Prolonged drought may seriously damage your lawn. Water Saver® prevents this problem. While other grass plants dry out, Water Saver® remains green. The Barenbrug Research varieties included in Water Saver® have excellent drought and heat tolerance.

Water Saver® contains Barenbrug's tall fescue, perennial ryegrass and smooth stalked meadow grass. Barenbrug's smooth stalked meadow grass varieties are known for their great resilience and ability to recover after dry periods. While other varieties are defeated by dry or hot conditions, varieties in Water Saver will soon become green again.

Unique tall fescue varieties!

Barenbrug's specific tall fescue varieties form a very deep root system, have a finer leaf texture and greater drought tolerance than traditional tall fescue varieties. The perennial ryegrass contained in Water Saver® moreover ensures rapid establishment and was also specifically selected for its drought tolerance.

The balanced combination of the best Barenbrug tall fescue, perennial ryegrass and smooth stalked meadow grass varieties in Water Saver® ensures excellent drought and heat tolerance.

- Lawn and public
- Roadsides

Characteristics

Higher wear tolerance



Higher drought tolerance



Quicker establishment



Suitable for shade



Finer leafed



Less maintenance possible



Less fertilizer required



Higher disease tolerance



Self repairing



Germination at low temperature



Quicker germination



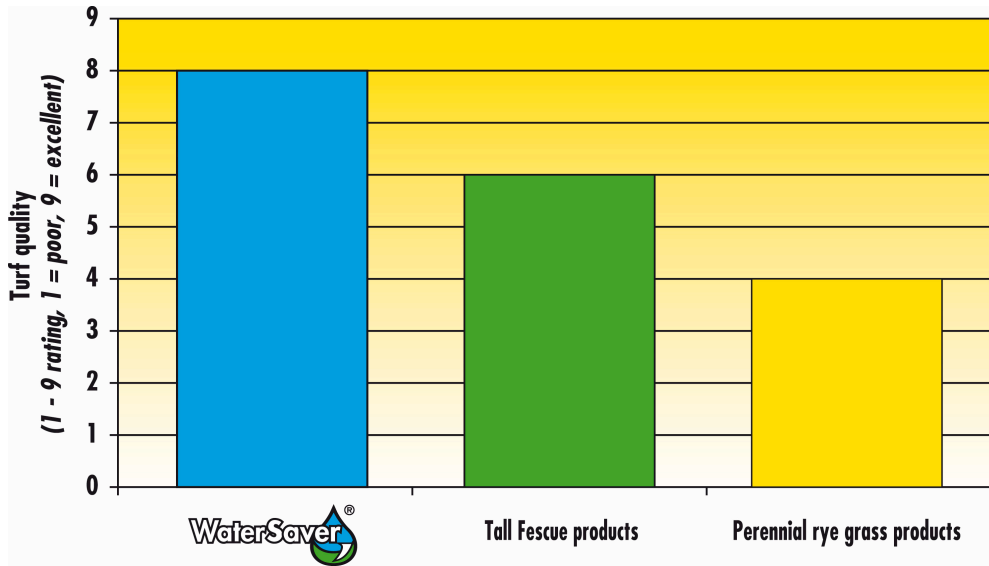
Higher winter hardiness



Early spring growth

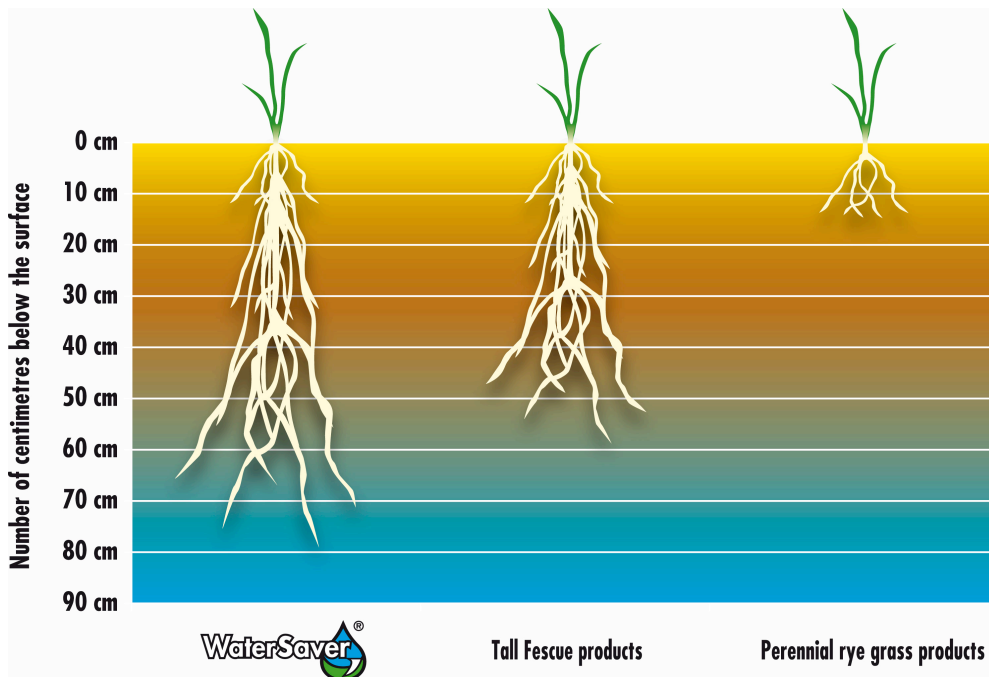


The following graph shows the quality of Water Saver® seeded in autumn in comparison with that of a traditional tall fescue mixture and a mixture containing perennial ryegrass. The irrigation level was 50% of the Evapotranspiration (ET). The measurements were taken over a period of two years.



Extremely deep rooting (down to 60 cm)

Thanks to its deep rooting, the Water Saver® grass obtains water from deeper soil layers. Standard grass plants root less deep and can only obtain water from the top layer (the upper 10 to 15 cm). Such plants will soon die under dry conditions, even before a stage of extreme drought is reached. The tall fescue contained in Water Saver® can root to depths of more than 60 cm and stores water and nutrients (sugars) in its roots, creating a buffer for dry periods, as it were. Smooth stalked meadow grass ensures horizontal growth, resulting in an extensive network of underground rhizomes and roots.



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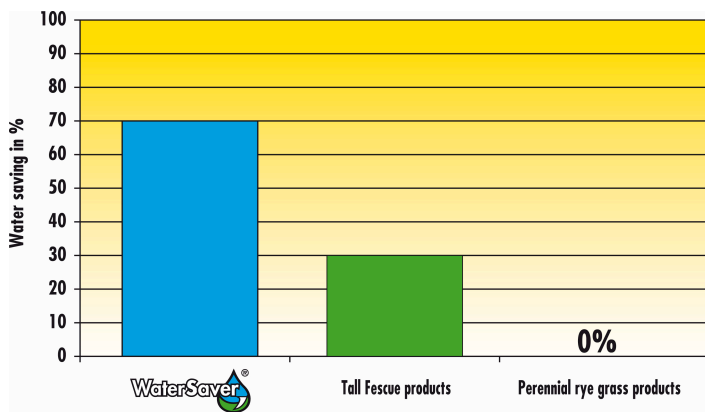


Higher winter hardiness



Early spring growth





Water Saver and Cost savings

Water Saver® can help you save up to 70% on your total amount of irrigation water. In Italy, where the average consumption is 120 litres of water per m² per month, this soon leads to an overall reduction of 0.70 x 600 litres = 420 litres per m² in the growing season, which ranges from May until October. That corresponds to 42 m³ water per 100 m²! In euros the savings may amount to € 73.50 per 100 m², depending on the region.

Irrigation level	30 mm/week	litres/m ²	m ³ /100 m ²			
	120 mm/month	120	12			
	Costs /m ³	€ per 100 m ² /month	per 2 months	per 3 months	per 4 months	per 5 months
AVG water price € / m ³	€ 1.75	21	€ 42.00	€ 63.00	€ 84.00	€ 105.00
Water Savings (%)	Cost Savings (€)					
	€ per 100 m ² /month	per 2 months	per 3 months	per 4 months	per 5 months	
Traditional mix with Lp	0%	€ 0	€ 0	€ 0	€ 0	€ 0
Traditional mix with Fa	30%	€ 6	€ 12.60	€ 18.90	€ 25.20	€ 31.50
Water Saver	70%	€ 15	€ 29.40	€ 44.10	€ 58.80	€ 73.50

Specifications

Speed of establishment	Slow
Nitrogen requirement	Average
Speed of growth	Average
Sowing rate per 100m ²	2.5-3.5kg
Sowing rate per m ²	25-35g
Mowing height	30-40mm
Packaging	15kg
Sowing depth	5-10mm

Composition

- 80% Festuca arundinacea
- 10% Lolium perenne
- 10% Poa pratensis

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- Roadsides

Characteristics

- Higher wear tolerance
★★★★
- Higher drought tolerance
★★★★★
- Quicker establishment
★★
- Suitable for shade
★★
- Finer leaved
★
- Less maintenance possible
★★★★
- Less fertilizer required
★★★★
- Higher disease tolerance
★★★★
- Self repairing
★★
- Germination at low temperature
★★
- Quicker germination
★★
- Higher winter hardiness
★★★★
- Early spring growth
★