

MOWING IS PASSÉ!

Low-growing grass with fast establishment!



"Since seeding at the end of May I have had to mow my grass only once a month, whereas I usually had to get my mower out every week!"

Dimitry de Wit,
Municipal authorities of Bruges

"I sowed Mow Saver in June and have had to mow the grass only twice since then!"

Geert Croes,
Cemetery manager, Knokke-Heist

BARENBRUG

BARENBRUG

MowSaver®

Grass for less mowing
& fast establishment



- ✓ Reduces the need to mow grass.
- ✓ Quickly forms a dense turf.
- ✓ Produces less bio mass.
- ✓ Reduces the volumes of clippings.
- ✓ Reduces weed growth.
- ✓ Is ideal for robot grass mowers.



BARENBRUG
Great in Grass

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ROYAL BARENBRUG GROUP

MowSaver®

Grass for less mowing
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LOW-GROWING GRASS WITH FAST ESTABLISHMENT REDUCES NEED FOR MOWING BY 35 %!

Agreen sward in a park or public garden or along roadsides is wonderful, and even better if it will actually stay green without too much effort. The greatest gain can be realised here by minimising maintenance, starting with mowing. Frequent mowing costs money because of the costs of labour and fuel and those involved when removing the clippings. Barenbrug helps you to save on these costs with its Mow Saver grass mixture, a revolutionary new concept specially developed for use in public green spaces.



Mow Saver offers both financial savings and environmental benefits. The basis of this spectacular innovation is smart 'low growth' realised via our Less Mowing Technology (LMT). After sowing, Mow Saver quickly forms a smooth, dense sward with the unique characteristic that the grass then remains short and produces little biomass (clippings), reducing the need for mowing by up to 35 %. This is possible thanks to specially selected grass varieties that conform to the unique concept of LMT.

The greatest advantages are:
Less mowing thanks to lower growth height and slower (re)growth. Fast turf establishment thanks to fast-germinating varieties. Less grass biomass = fewer mowing sessions = less clippings. Less loss of organic matter thanks to less mowing and smaller clipping volumes.

Mow Saver enables municipal authorities and the managers of their public green spaces to ensure green swards in parks and public gardens and along roadsides while having to invest far less time and energy in their maintenance.

Less Mowing Technology
During trials carried out over many years and in several places, Barenbrug's breeders have succeeded in developing strong new varieties that are capable of absorbing moisture and minerals from the soil under less than optimal conditions. As these varieties are also characterised by low growth and the formation of an attractive sward they are perfect for what Barenbrug calls its 'Less Mowing Technology (LMT)'.

LMT is a response to the wish of the owners and managers of public green spaces to minimise the maintenance of their turf. The past few years, Barenbrug's breeders have achieved great progress in this respect by discovering that different varieties differ substantially in terms of growth height and the production of grass leaves. Both our own trial fields and independent trial fields in Italy and elsewhere yielded convincing evidence that the varieties of the LMT range grow less high and produce less biomass.

Barenbrug's breeders selected new varieties that quickly establish but remain short and produce much smaller clipping volumes throughout the growing season than standard varieties. Our Mow Saver mixture contains only varieties that meet the requirements of our Low Mowing Technology.

For more information on LMT go to

www.barenbrug.biz/lmt

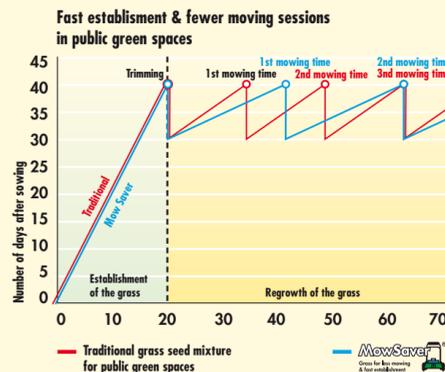
MOWING IS PASSÉ



FEWER MOWING SESSIONS

Our Mow Saver is characterised by low growth both under less favourable climate conditions and during the growing months. This is visually evident from the lower height of the grass. The degree of regrowth after each mowing session is less than in the case of a standard grass mixture. Measurements in Barenbrug's trial fields have shown that our Mow Saver grass is 30 % shorter than standard grass 14 days after mowing.

The need to mow grass is assumed to be an unavoidable aspect of the management of the public green spaces of many municipal authorities. The time for mowing is largely optically determined on the basis of the height of the grass. Research has shown that the grass of such green spaces is often mown when it has grown to only two thirds of the ideal mowing height. This undesired custom is encouraged even more by fast-growing grass. The grass's lower growing point and slower (re) growth after mowing mean that Mow Saver can be mown less frequently. And as this pattern is repeated over and over again from March until November, the mowing frequency becomes less and less. Whereas grass of a standard mixture will have to be mown at least twenty times in this period,



around thirteen mowing sessions will be sufficient in the case of Mow Saver.

Mowing less often means more time for other things, less wear and tear on the part of your lawn mower and savings in fuel. All this is good for your purse and good for the environment!

SMALLER VOLUMES OF CLIPPINGS

Less often mowing of slow-growing grass also has a direct effect on the volumes of clippings produced. Barenbrug's trials have shown that Mow Saver used in lawns or parks produces 35 % less leaf mass on an annual basis than a standard grass mixture. And what isn't produced doesn't have to be disposed of!

In actual fact, small amounts of clippings don't have to be removed at all, because Mow Saver is ideal for mulching such clippings, to provide extra nutrients for the grass and the soil and complete the natural cycle.

Robot grass mowers
Robot grass cutters imply the advantage of the continuous mowing resulting in the continuous cutting and mulching of minute tips of the grass, eliminating peak productions and necessary removing of clippings.

Municipality: 1000 m ² grass 20x mowing	Unit	Standard grass mixture for public green spaces	MowSaver
Physical depreciation	€ 10.00	€ 200.00	€ 130.00
Maintenance costs		€ 1,000.00	€ 650.00
Fuel		€ 500.00	€ 325.00
Transport	€ 6.00	€ 240.00	€ 156.00
Other costs (m ²)	€ 0.75	€ 750.00	€ 487.50
Wages including removal of the clippings	€ 25.00	€ 1,500.00	€ 975.00
Total annual costs		€ 4,190.00	€ 2,723.50
Saving per 1000 m²			€ 1,466.50
Saving per 100 m²			€ 146.65

FAST ESTABLISHMENT

Mow Saver establishes quickly, but once it has established it remains short, while other grasses then continue to grow and become long. Once Mow Saver has established, its growth rate will switch back a few gears and the grass will remain short.

So thanks to its fast germination and establishment, Mow Saver will soon form a dense green sward after seeding. Such a smooth green 'carpet' is a sight for sore eyes that will moreover minimise the growth of weeds and eliminate the need to use herbicides.

LESS GRASS MASS

As the name Mow Saver implies, this grass ensures substantial savings in mowing sessions and volumes of clippings.



If you choose to use our new Mow Saver grass mixture to sow a sports pitch or a public green area your turf will produce up to 35 % less leaf mass than you would have obtained with a standard mixture. And as it is no longer necessary for you to mow your grass every week, 65 % of your usual mowing sessions will suffice.

Mowing lawns or other landscaping areas every week from March to November means getting your lawn mower out of the shed twenty times throughout the year. That would be only thirteen times in that same period in the case of lawns or road sides seeded with Mow Saver, a reduction of almost 35 %. All in all, savings in time and energy and better for the environment.

SPECIFICATIONS OF MOW SAVER

Maintenance conditions

General maintenance requirement low	
Mowing height	from 15 mm
Mowing frequency	low
Water requirement	low
Nitrogen requirement	low after full establishment of the turf

Seeding

Seeding amount	20 - 25 g/m ²
Overseeding amount	10 - 20 g/m ²

Composition

LMT - Less Mowing Technology	100 %
Packaging	15 kg

Morphological characteristics

Growth habit	perennial, tufted and spreading
Grass height	at most 35 mm
Leaf texture	medium fine-leaved
Leaf colour	medium green
Rooting depth	20 - 25 cm
Number of seeds per gram	approx. 1500
Disease resistance	very good
Drought resistance	good
Growth rate	low
Degree of thatch buildup	low

Ambient conditions

PH	5.0 - 7.5
Soil Type	any
Wear Tolerance	average
Shade Tolerance	average
Germination Temperature	average
Establishment	fast



GREEN EARTH LABEL



Our aim, besides being a pioneer in improving grasses, is for our developments to contribute towards a Green Earth on which future generations will also be able to enjoy sports and other forms of recreation. This is why we introduced our Green Earth quality label.

This quality mark helps managers of public green spaces use and manage grass in a more sustainable

way. It is granted only to grass mixtures that meet four strict requirements: less use of water, fertilisers and pesticides and less need for mowing.

As Mow Saver meets all these requirements this unique mixture has been granted our Green Earth label.

For more information on our Green Earth label go to www.barenbrug.biz/greenearth



Traditional grass seed mixture for public green spaces

Tetraploid Perennial Ryegrass