



GÜTTLER® GreenSeeder 600 / 750 + Mayor or Master 640 / 770



GÜTTLER® GreenMaster 600 Alpin



GÜTTLER® GreenMaster 3 m



The modular system from GÜTTLER®.
 The only harrow for pastureland in the market, which can be utilized independently or combined, by only a few hand movements, with the GÜTTLER® prisma roller. From 1,50 up to 7,70 m working width.



Regrowth after a cut: 60% of the surface are filled with Common Panicle, rotten grass, moss and other. Precious grass plants cover only 40% (clearly to be identified by the green tufts)! How can high quality forage be made in sufficient quantity out of such "pastureland" ?

With a HarroFlex: You see not the third cut lying on ground but thorough combed out Common Panicle weed. Often one is surprised by the quantity: 25 m³ / ha of Common Panicle is no rarity! This must be removed unconditionally!



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Would you feed something like this to your cows?

An often underestimated problem:

The Common Panicle (*Poa trivialis*)



Leading in Soil Structure:

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THE PROBLEM:

Where the aggressive space robber grows, high value grass fodder has no chance:

- Precious grass species don't provide seed grains anymore due to the intensive soil utilization of today. A rejuvenation of nature doesn't take place.
- In gaps that become free, the common panicle immediately migrates via its rhizomes and spreads continuously.
- The common panicle has less than 50% yield compared to panicle.

Although the areas look green, a closer look reveals the problems:

- At first cut the yield is quite sufficient. But the quality of the fodder is as far as below-average.
- At the following cuts yield is breaking down. The fodder value index falls to 2.
- Reduced forage intake, because the animals like the dull smelly taste of the Common Panicle by no means
- The performance of basic forage is falling

THE SOLUTION!

HarroFlex - the shortest "4-row" harrow, which really fights the Common Panicle.



High value grass species are deeply rooted and well-anchored. There is no risk that high value grass plants are pulled out beside the Common Panicle through aggressive harrowing! In the resulting gaps the reseeded can be well-established.



Not the number of tines is crucial, but how robust tines and device are!

The Common Panicle is only flat-rooted, it thus can be eliminated ("combed out") easily. With the HarroFlex from GÜTTLER®:

Two rows of extremely robust 12 mm harrow tines can be fine-tuned from smooth caressing to aggressive snappy. The Ripperboard doubles the number of harrow tines, making the compact HarroFlex harrow the shortest and most agile „4-row“ harrow with only 3.75 cm line spacing. (160 tines at 6 m working width)



Combing and reseeded with the GreenSeeder: the GÜTTLER® roller provides with its „golden hooves effect“ an optimal seed embedding and an ideal contact to ground, and thus more success at reseeded. Depending on soil humidity it can be utilized in combination or separately.

Repair your pastureland successfully after the second or third cut

The Common Panicle is been combed out, dried and carried away. Afterwards one can sow and roll over simultaneously with the GreenSeeder or GreenMaster in a single operation. The optimal contact to ground ensures high field emergence. The right moment for this procedure is normally the period between mid of August till mid of September - when the Common Panicle is suffering of drought stress, the soils being still warm and rainfall and dew are to be expected. Through regular care and reseeded you can have continuously high yields even in the following years on these repaired areas.



Successful procedure: two months after repairing a dense cultivation can be presented. High quality forage. More protein and energy. Healthier animals!