



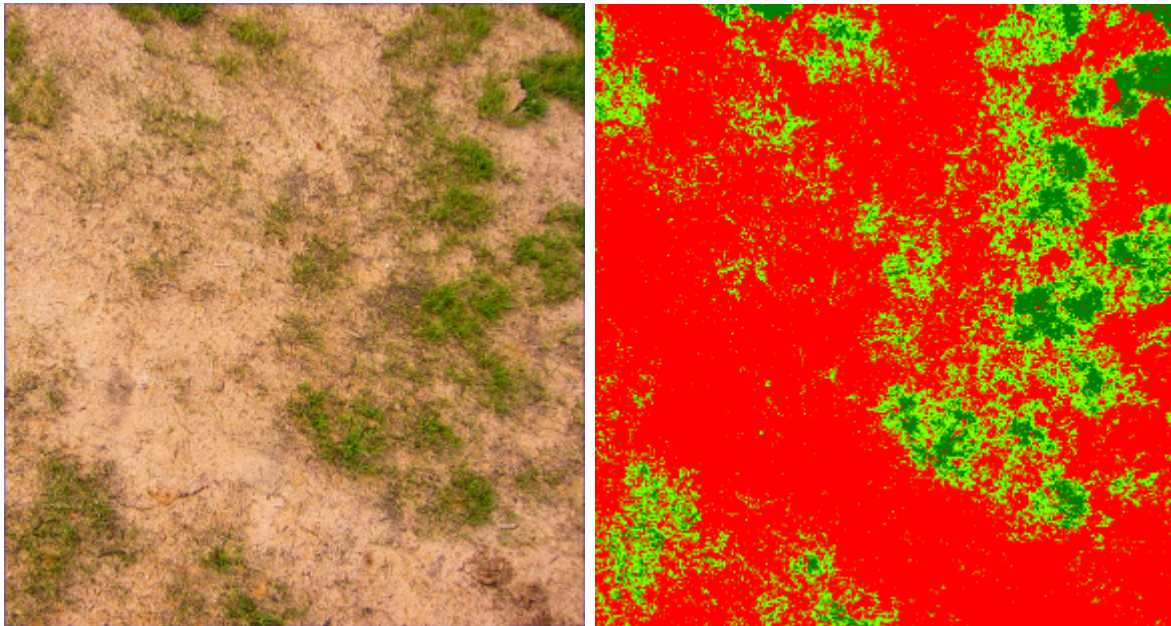
LemnaTec SAW Bonit

Assessment of Soil Coverage (e. g. for Lawn Quality Control)

LemnaTec GmbH
Matthias Eberius
Schumanstr. 18
52146 Würselen, Germany
+ 49 2405 / 4126-15
matthias.eberius@lemnatec.de
www.lemnatec.de

Assessment of different soil coverage by plants is a very helpful tool with a wide range of applications. These may include the quantification of lawn quality or detailed information about growth and competition dynamics for defined mixed-plant culture plots. Furthermore, studies with non-target plants profit from a generalised assessment of total plant growth, including a highly developed colour classification to differentiate, for example, between different shades of green and damaged plant areas.

The following image shows just one possible application. Here problems with germination and growth of a lawn due to bad soil quality are defined.



Images show the original image (left) and the colour classified image (right). The soil covers 75.5%, partially covered area is at 18.3% and dense lawn (dark green) grows only on 6.2%.

For further information please do not hesitate to contact

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