



Gütegemeinschaft
Substrate für Pflanzen e.V.

Quality criteria for growing media

Physical properties

- Structure (fine - medium - coarse)
- Percentage oversized grain
(>10 mm, >20 mm, >40 mm)
- Bulk density

Chemical properties

- pH value
- Salinity
- Soluble nutrients
Nitrogen ($\text{NH}_4\text{-N} + \text{NO}_3\text{-N}$),
Phosphorous (P_2O_5),
Potassium (K_2O)
- Sodium (Na), Chloride (Cl)

Chemical properties

- Free of growth inhibiting substances
- Largely free of weed
- Safely stabilized N in organic ingredients

Contact

For more information, please contact

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RAL-Quality Assurance for Growing Media

The formula for your business success



www.substrate-ev.org





RAL - Quality Assurance for Growing Media

Producer's inspection of incoming constituents for growing media and ingredients

- Document the chemical, physical and biological properties
- Take reference samples
- Do inspections during storage

Producer's continuous inspections of growing media during production

- pH value
- Salinity

Gütegemeinschaft Substrate für Pflanzen e.V.'s continuous, neutral monitoring of growing media

- Approved third-party laboratories analysing the chemical, physical and biological properties
- Revision of in-house during production checks
- Revision of incoming goods inspections
- Neutral group of GGS, the technical committee experts evaluating the quality monitoring



Continuous neutral monitoring of everything from raw material to finished product!

