

GRASS TERRA

- professional aerator roller



Sukov



Why machines of low weight are not enough

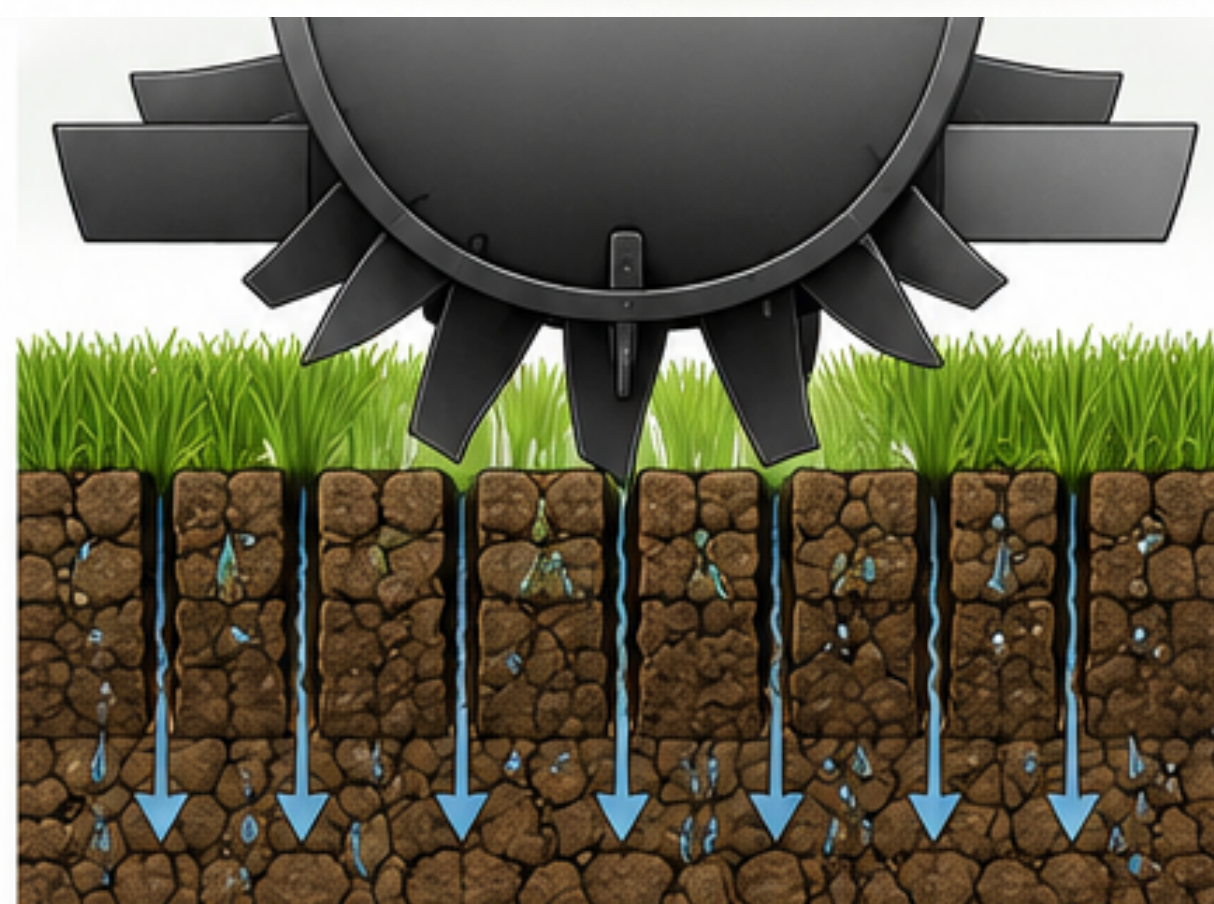
Light machines cannot penetrate compacted soil and do not have enough weight to generate the necessary working energy. Only a combination of **high weight and working speed** can effectively break up soil compaction and create aeration gaps.



How the GRASS TERRA aerator works

The aerator creates grooves on the soil surface while disrupting compacted subsoil. Thanks to the kinetic energy generated by the **combination of the machine's weight and working speed**, in one pass the compacted layer is disrupted and cracks are created that allow water and nutrients to penetrate the soil – without damaging the turf

Weight + speed = kinetic energy = effective disruption of compacted soil without ploughing



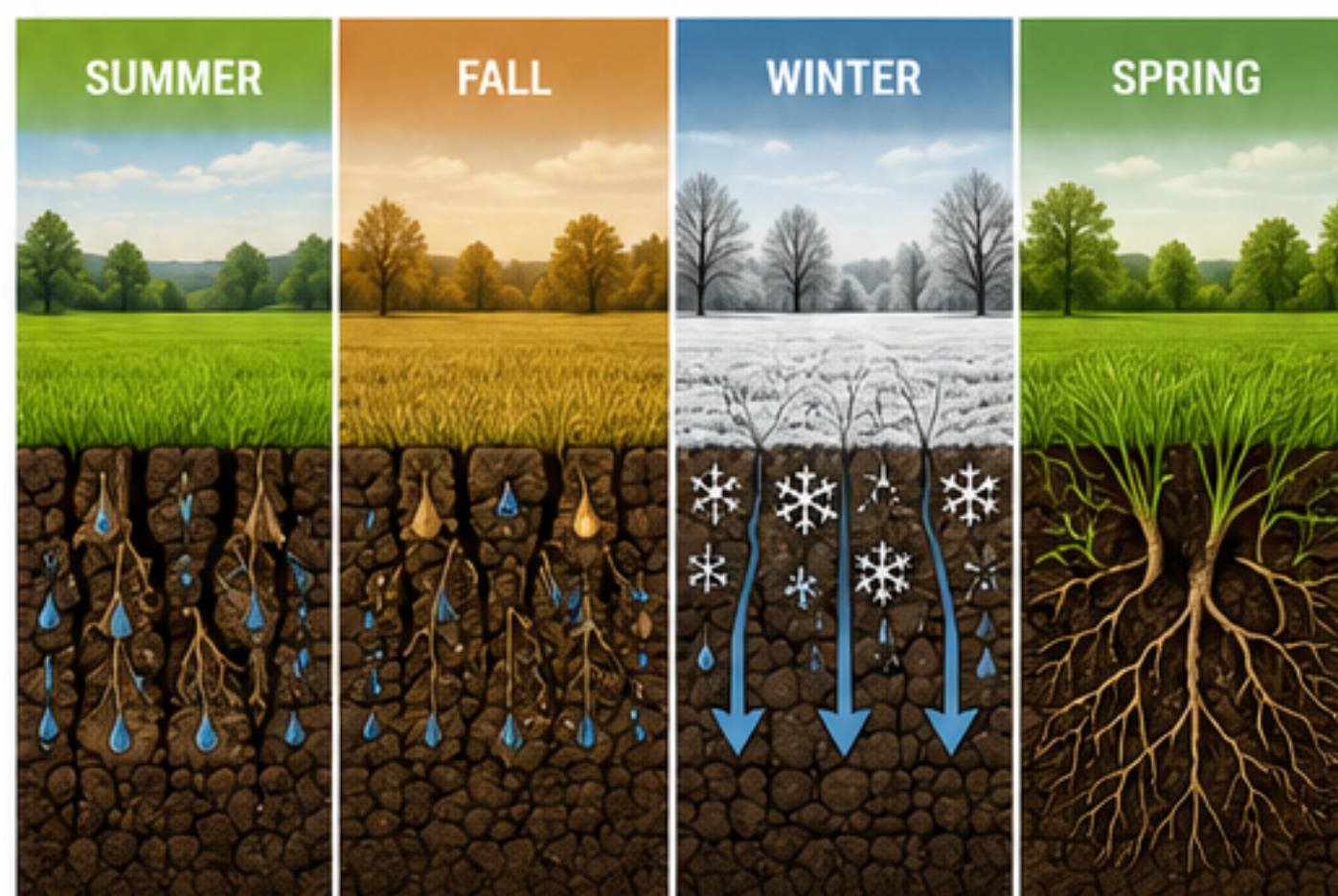
Benefits for soil and vegetation

Aerating the soil during dry summer and autumn conditions helps loosen compacted layers and forms channels that improve airflow within the ground.

These air gaps

- ✓ encourage earthworm activity and support healthy soil structure
- ✓ increase oxygen availability for beneficial microorganisms and soil biology
- ✓ enhance water infiltration and moisture retention
- ✓ stimulate deeper and more vigorous root development

During winter, the opened soil structure allows frost to reach deeper levels, contributing to the **natural regeneration and movement of the soil profile**. In spring, the loosened soil warms more quickly, helping vegetation start growing earlier and more evenly.



Advantages of technology

- ✓ no-till grassland management
- ✓ maintaining a smooth surface for mowing
- ✓ grazing possible even after treatment
- ✓ root system remains protected in the soil
- ✓ improved vitality and growth production



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More information
on our website!