



Turf Applications

Two types of TEMESI Compost are available (both types are free of weed seeds, pests and pathogens)

1. Raw Compost (Kompos Mentah): **Only for top-dressing**
Specification: Nitrate/Ammonium Ratio = 2 to 20, therefore not fully cured, might smell of ammonia
Note: If raw compost is mixed with soil it will continue to cure. Instead that compost adds nutrients to the soil, the curing microorganisms rob nitrogen from the soil to build their own body mass.
2. Cured Compost (Kompost Matang): **For all other applications**
Specification: Nitrate/Ammonium Ratio = minimum 20, therefore virtually cured with pleasant earthy smell.

Advantages for compost applications on turf:

- Free of weed seeds
low maintenance due to absence of weed seeds, insect eggs and larvae as well as pathogens
- Slow release fertilizer
compost releases nutrients continuously over a year or more and prevents diseases
- Replacement of chemical fertilizer
should be done by gradually phasing out chemical fertilizers and phasing in compost
- Growing the humus layer
compost enriches the soil with humus, minerals and beneficial microorganisms
- Restoration of acidified and depleted soil
compost neutralizes acid soil and restores the ecosystem with microorganisms

Recommended use:

1 kg compost = ~ 1.5 liter

Plant Type	Use per m ²	Use per are	Compost Type
<u>If applied regularly as top-dressing:</u> Turf in parks, gardens, golf courses, etc	2 - 3 kg/m ²	200 - 300 kg/are	Raw Compost
<u>If mixed with top soil:</u> Turf New landscaping and lawn renovation (the amount of compost used depends on the soil condition, like the content of organic matter, pH, etc.)	2 - 4 kg/m ² up to 40 kg/m ²	200 - 400 kg/are up to 4 tons /are	Cured Compost Cured Compost

Useful hints for application:

- 3 kg compost applied as top-dressing on 1 m² of grass results in a 4 mm thick compost layer. It is best applied after aeration. Rack the compost to allow sifting through the grass down to the soil.
- Bali compost has a relatively high salt content. If compost has been blended with top soil, the area should be watered to wash out excess salt that could potentially hurt the new plants.
- Only fully cured compost should be mixed with soil as explained above in 1. Raw Compost (nitrogen rob).
- Raw compost will continue to cure, if applied as top-dressing.

