



# ATLAS COMPOST VS SYNTHETIC FERTILIZER



Whether in the farming industry or just a hobby gardener, the interest in compost is growing [1]. Compost is a natural soil builder that provides both a wide variety of nutrients and benefits. Fertilizer, however, is a more targeted, highly concentrated additive.

## COMPOST

Builds soil structure and tilth allowing nutrients to be captured and used.



Unique ability to increase a soil's nutrient holding capacity, less nutrients are lost to runoff and leaching.



Acts as a low-content, slow-release fertilizer, which means that plants have more time to take up nutrients over time as they need them.



Improves downstream water quality by retaining pollutants such as heavy metals, nitrogen, phosphorus, oil and grease, fuels, herbicides, and pesticides.



## FERTILIZER

Doesn't strengthen soil which can cause the nitrogen to pass through quickly.

The EPA estimates that 40–60% of nitrogen applied to lawns as fertilizer is carried off-site by runoff. [2]

Quick release fertilizer allows the nutrients, particularly nitrogen, to become immediately available to your grass and plants.

Excess nitrogen can contaminate drinking water. [3]. Also fertilizers are a significant source of nitrous oxide [4], a potent greenhouse gas.

[1], [2], [3], [4], Resources: [A], [B]

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#composthustle