

## EIP-AGRI practice abstract

### Short title:

Compost from green waste and digested mixed-waste by "ACEA Pinerolese" process

### Summary :

Florawiva is a multi-nutrient and a high carbon soil improver with a loose structure. The composting process utilizes de-hydrated effluents from the anaerobic digestion of organic fraction of municipal solid waste, of green residues from separate urban collection and dehydrated effluents from the wastewater treatment plant. The compost improves soil fertility and releases its nutrients slowly, reducing risks of leaching. It is a stabilized product: once applied, no temporary decrease of N-levels occur. Florawiva also improves soil biodiversity by increasing microbiological flora, increasing cation exchange capacity of soil, water retention capacity and thereby decreases vulnerability to erosion and droughts. Florawiva has a basic pH (8.3).

The composting process contributed to achieve a soil-like texture with a brown to dark colour.

The nutrient contents in Florawiva are: 2,4% N (DM), 2,3% P<sub>2</sub>O<sub>5</sub> (DM), 1,3% K (DM) and other micro-elements (CaO, MgO).

Acea Pinerolese's compost is sold around for 10-20€/t depending on required volumes and packaging. Florawiva can be used in open field and in greenhouse, too.

It can be used to fertilize: potato, wheat, corn, cabbage, pumpkin, cucumber, tomato, leafy vegetables, and other crops in agriculture – also use in horticulture, floriculture and arboriculture.

Recommended doses are 10-30 t/ha, according to soil quality, season, crop uptakes.

For more information: [https://nutriman.net/farmer-platform/product/id\\_210](https://nutriman.net/farmer-platform/product/id_210)