

DOMINO

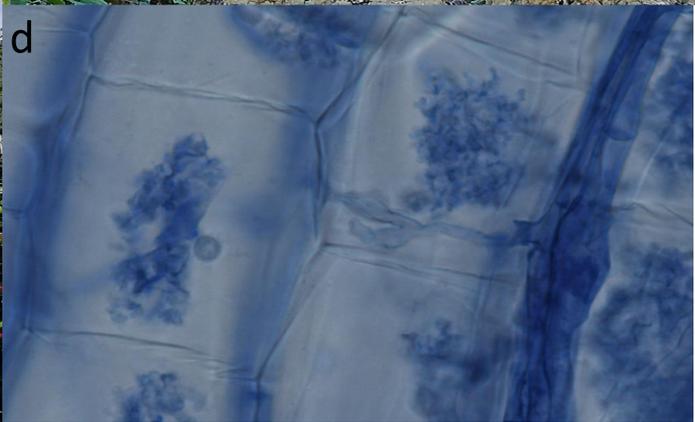
Dynamic sod mulching and use of recycled amendments to increase biodiversity, resilience and sustainability of intensive organic fruit orchards and vineyards



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Challenges addressed by the project

DOMINO focuses on the interaction of fruit trees with different wild species, organic residues and microbioma and it intends to break the paradigm of monoculture in organic fruit growing, enhancing the ecosystem services.



Main activities

- 1) **Living mulches** to reduce weeds competition (a,b);
- 2) Regionally available **recycling fertilizers** and **leguminous intercrops** to improve nutrient balances and ecosystem services;
- 3) Managing the soil fertility to increase tolerance to diseases (d);
- 4) Partly **closed cover systems** for plant protection (c)

<http://www.domino-coreorganic.eu/>



Expected results and benefits for end-users

- Increasing the biodiversity of the orchards
- Production of secondary crops
- Improve nutrient balances and ecosystem services
- Support non-chemical pests and diseases control