

CHARACTERISTICS OF THE SYSTEM

- Almería
- Cucumber
- Drip irrigation
- Conventional management

CHARACTERISED PARAMETERS

1. Physico-chemical characteristics of the nutrient solution applied.
2. Physico-chemical characteristics and enzymatic activities in soil samples from the root zone.
3. Matric potential of the soil in the root zone.
4. Crop yield.
5. Commercial fruit quality: colour, texture and content of soluble solids, macronutrients phenolic compounds, antioxidant activity, vitamin C and profile.

EVALUATED SCENARIOS

Number of cases	Treatments	Dose	Unit
1	Control treatment: no soil improvers	0	T/ha
2	Reference treatment: with semi-dry cattle manure input	4	T/ha
3	Alternative treatment to the reference treatment: compost	15	T/ha
4	Biofertiliser ALM/2	11,5	T/ha
5	Biofertiliser ALM/1B	10,5	T/ha

- 3 months
- Before transplanting the previous tomato crop
- 5 scenarios: control, reference, local alternative to benchmark, ALM/2 and ALM/1B
- 4 repetitions per stage, 30 cucumber plants per repetition.