

PASUBIO

AVO

AVO

Acque di Vegetazione Olearie
(Oil mill wastewater)

SCENARIO AS IS

These wastewater from olive oil production must be disposed in sewage treatment plants due to their high acidity and their anti-microbial and phytotoxic power.

AVO have intrinsic pollutant load, because of the organic substance content and the excessive polyphenol content

AVO TECHNOLOGY

These wastewater from olive oil production can be recycled by chemical producers to obtain tanning agents.

These tannings from a waste product of the food industry are applied to a waste product of meat production (leather).

AVO production process

AVO tanning is a MADE IN ITALY technology that use oil mill wastewater only from Italian oil producers.

After olives squeezing, the liquid obtained at first has to be centrifugated, to get clear virgin olive oil extra. The wastewater obtained is rich of tannins that can work in a similar as wet green. Then process of tanning is further completed by the use of synthetic tannins.

These natural tannins do not require chrome or gluteraldehydes.

