

## A 100% Biodegradable and Biosourced SAP for Agriculture

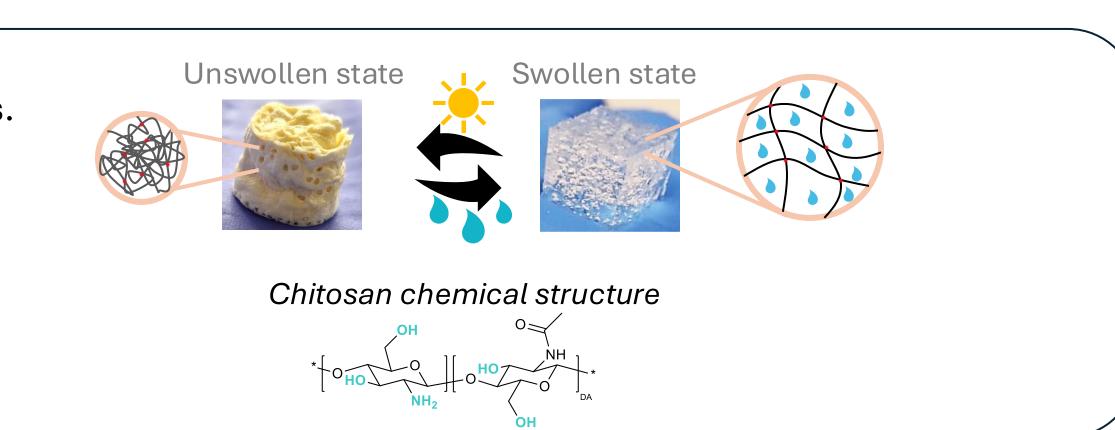


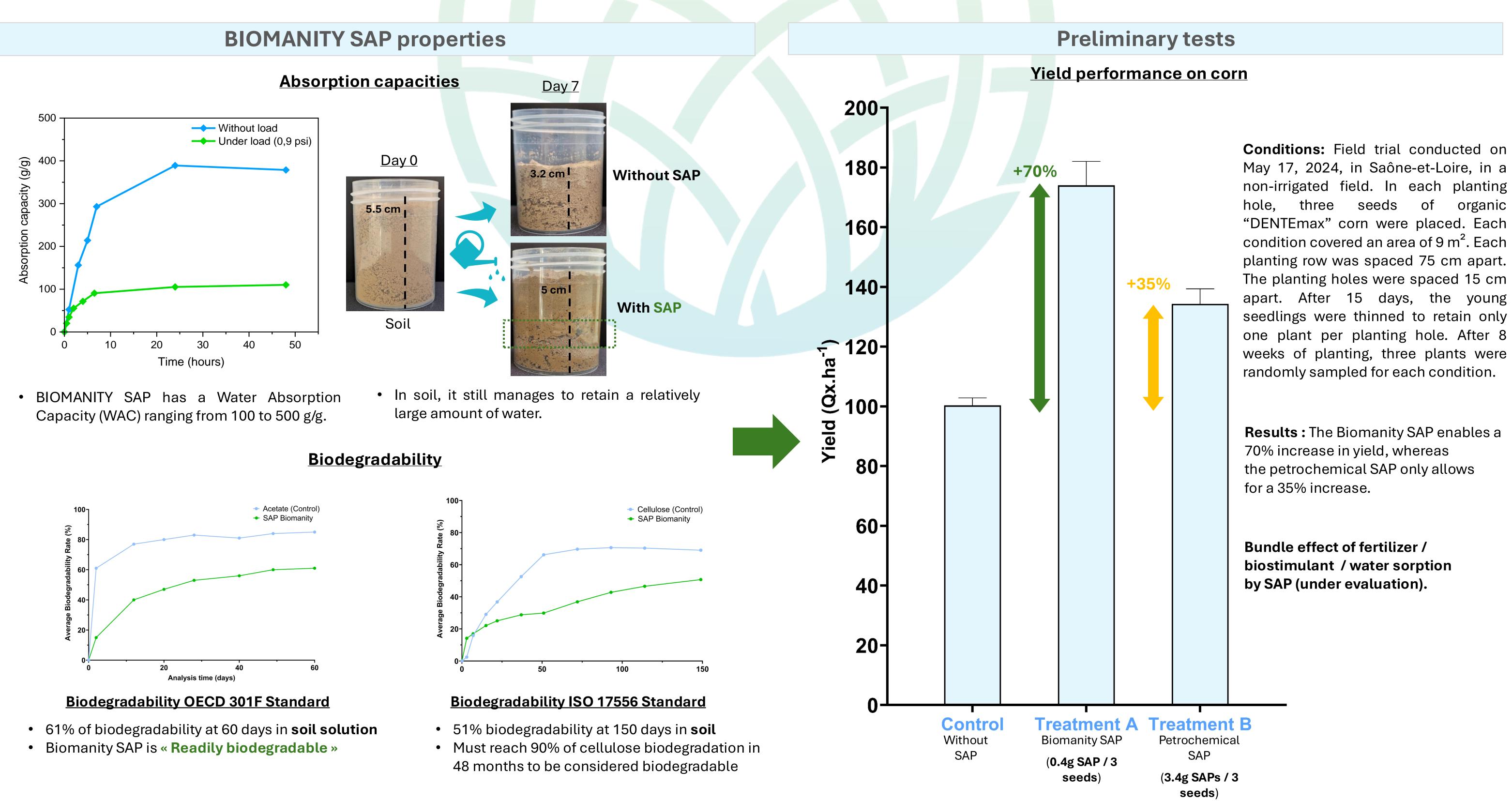
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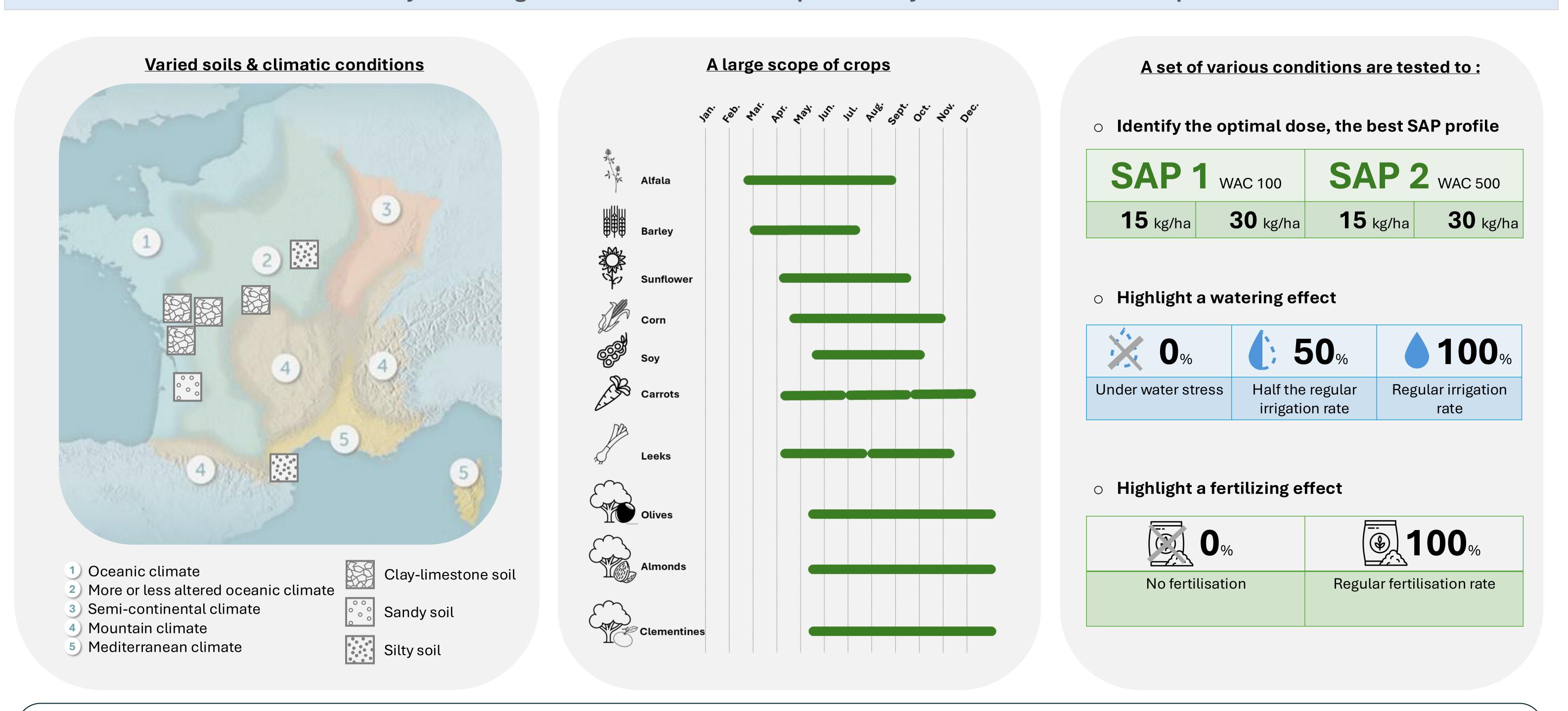
A **Super Absorbent Polymer (SAP)** is a material capable of absorbing and desorbing large amounts of liquids. More than 1000 use cases (hygiene, cosmetics...).

**Biomanity SAP** is mainly composed of chitosan, a water soluble, biosourced and biodegradable polymer extracted from natural resources (crustacean shells, insects or mushrooms). Inside the SAP, the chitosan macromolecular chains are chemically linked together to form a 3D network which swells but no longer dissolve in water.





## The Biomanity 2025 Program: confirmation of the preliminary results and SAP dose optimisation











**Potential markets** 

Culture substrate, seed-coating

and fertilizer-coating







2027



**Pre-commercial** 

contracts



2028

First commercial plant