

# EFFICACY EVALUATION OF THE BIOBASED AMENDMENT PdL3 ON A SQUASH CROP

## SYSTEM CHARACTERISTICS

- 📍 Saumur, Maine-et-Loire
- 🍂 Squash
- 💧 Drop by drop
- 🌱 Organic field crops

## EVALUATED METHODS

N° modalité	Treatment	Dose	Unit
1	Producer control	No input	
2	RUSTICA	5	t/ha

📅 12 months

🕒 Before planting

⚙️ Trial area: 1,000 m<sup>2</sup> - Area per modality: 450 m<sup>2</sup>  
 The trial will be carried out over a relatively long period of time.  
 Scale: the application will be made before two cover crops are sown before the crop of interest in spring/summer 2024.

## MONITORED INDICATORS

Cover crops in 2023 and 2024:

- > Biomass (kg/ha) for the two cover crops (sorghum)
- > Enzyme activity before spreading and at the end of the cover crop cycle

On the crop of interest in 2024 :

- > Weekly health status
- > Measurement of nutrients NO<sub>3</sub>, P, K, Na, etc.
- > Enzyme activity at the end of the cycle (at harvest)
- > Yield at harvest (kg/ha)

