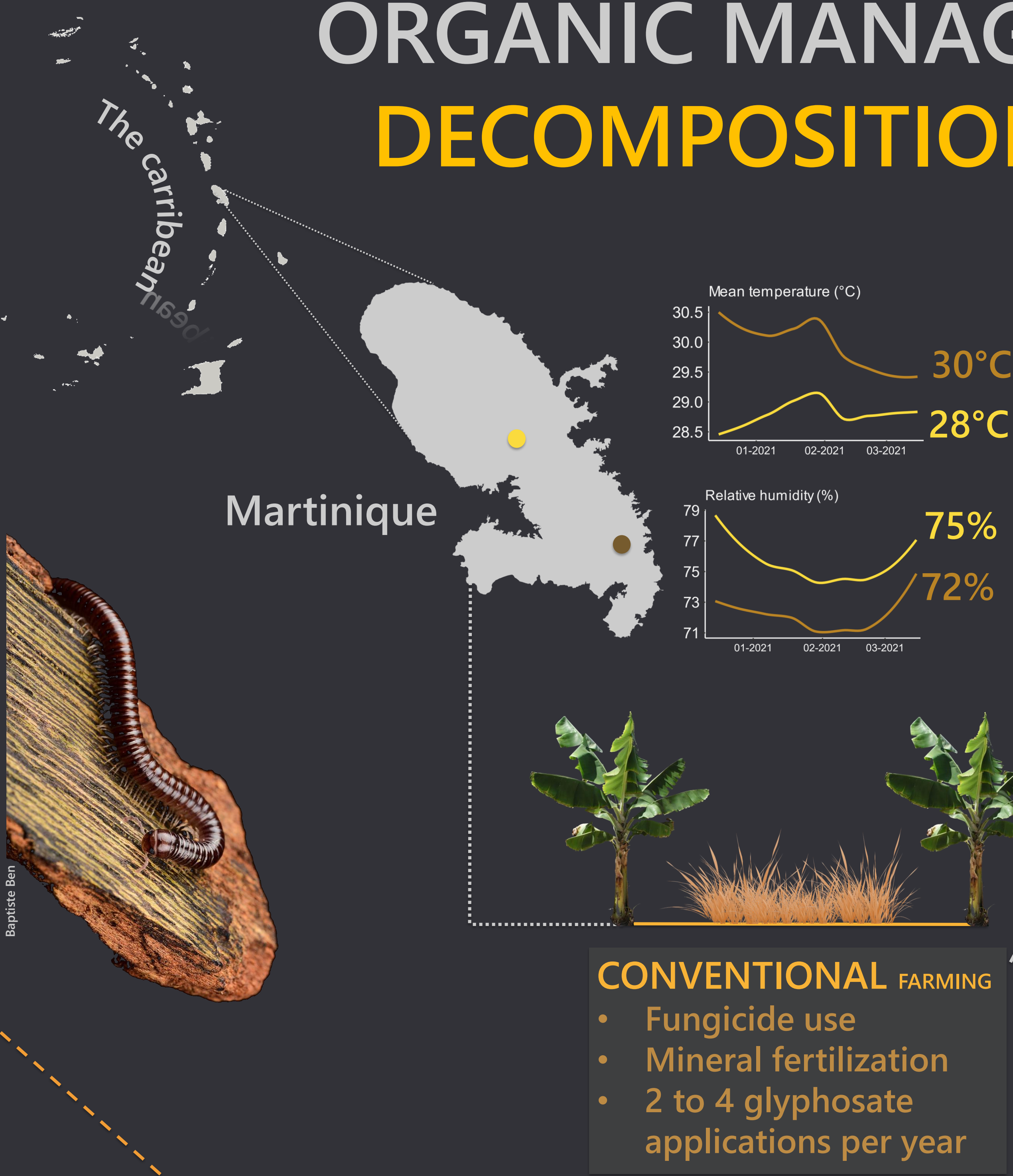


ORGANIC MANAGEMENT INCREASES LITTER DECOMPOSITION RATE IN BANANA FIELDS

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BACKGROUND



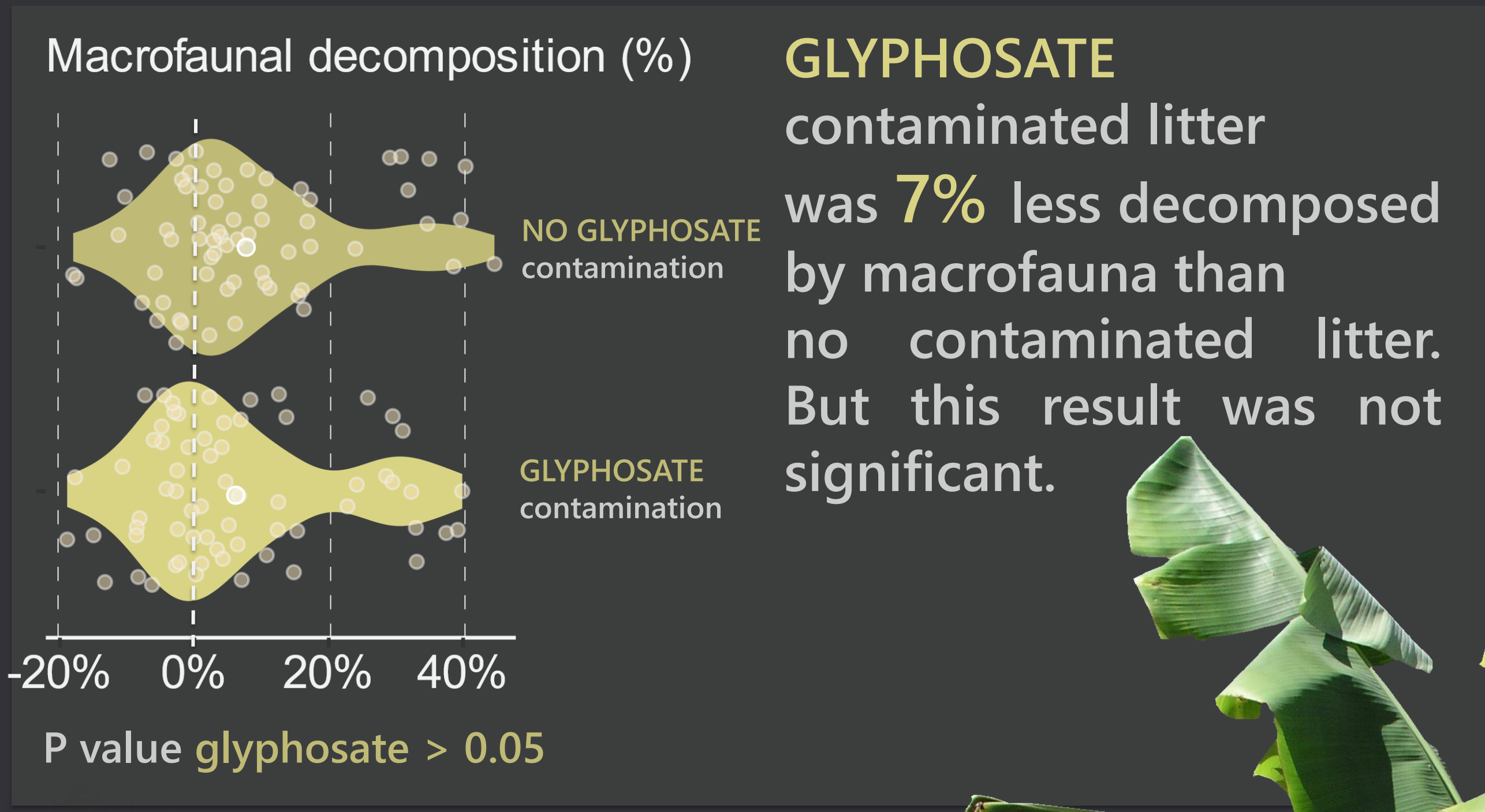
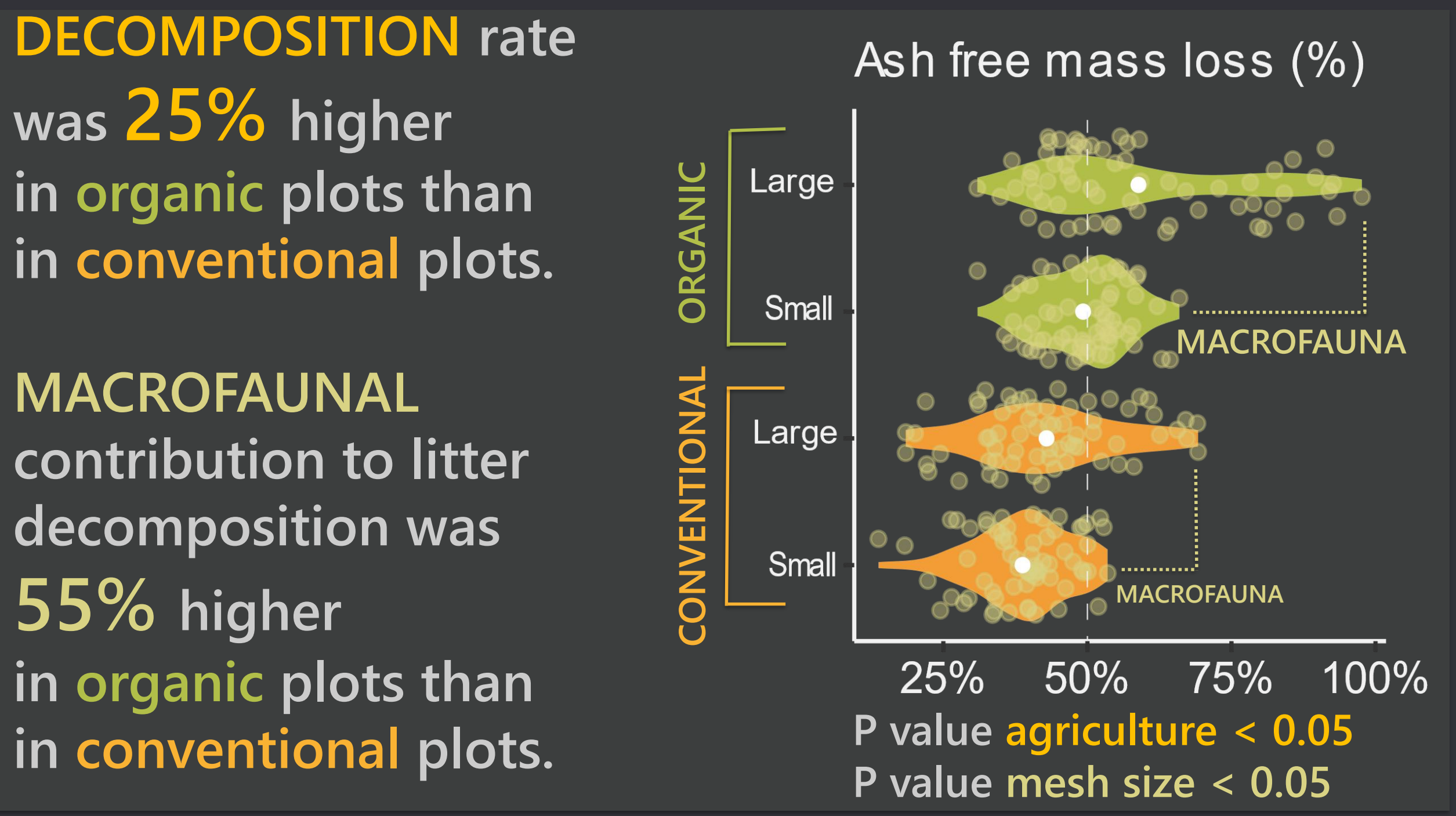
RESEARCH QUESTION

DOES **ORGANIC FARMING** ENHANCE LITTER DECOMPOSITION ?
AND DOES **GLYPHOSATE LITTER CONTAMINATION** AFFECT ITS DECOMPOSITION ?

METHOD



RESULTS



CONCLUSION

ORGANIC farming increased litter decomposition rate in banana plots. Farming practices such as no herbicide use, led to an important soil weed cover, which conferred resources, microhabitats and suitable microclimate, increasing soil macrofaunal decomposers diversity (i.e. diplopods, isopods and earthworms). The latter significantly contributed to litter decomposition.

Increasing soil **MACROFAUNA** is an important component of successful organic conversion as it helps restore biological nutrient cycles and fertility.

