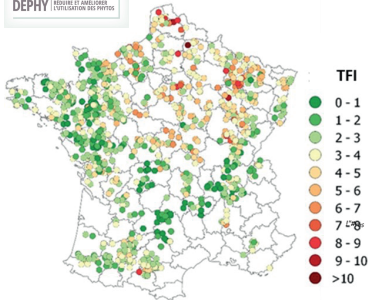


# IPM is cost-effective

## A demonstration from 1,000 farms of the DEPHY network in France

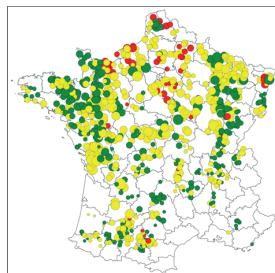


1,000 farms of the arable field crop sector (including mixed farming with livestock)

with a large gradient of pesticide use

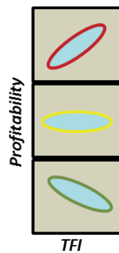
### Correlation between pesticide use and...

productivity

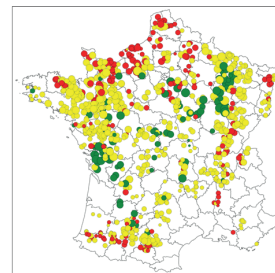


No antagonisms in 94 % of sites

● Positive slope : antagonism  
● Nil slope : no antagonism  
● Negative slope : no antagonism



profitability



No antagonisms in 78 % of sites

### What if ?...

... all French farmers adopted practices of the neighbour DEPHY farmer with the most holistic IPM strategy?

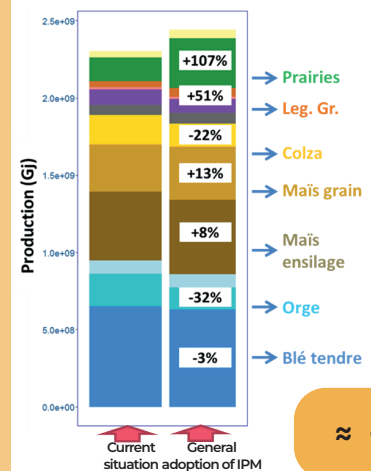
1

Pesticide use

≈ - 40 %

2

Productivity of French agriculture



≈ + 6 %