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THE EUROPEAN UNION' HORIZON 2020 RESEARCH  
AND INNOVATION PROGRAMME  
UNDER GRANT AGREEMENT N. 101000339



# ORCHARDS

**Survey #2: Details of crop  
management – Indicators of PPP  
use, impact and cost-efficiency**





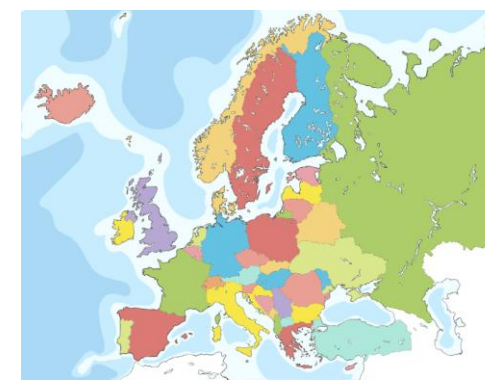
## TOPICS OF SURVEY #2:

- TFI AS A FUNCTION OF FARM
- TFI AS A FUNCTION OF HRI
- TFI AS A FUNCTION OF IPM INDEX



NUMBER OF  
FARMS

5



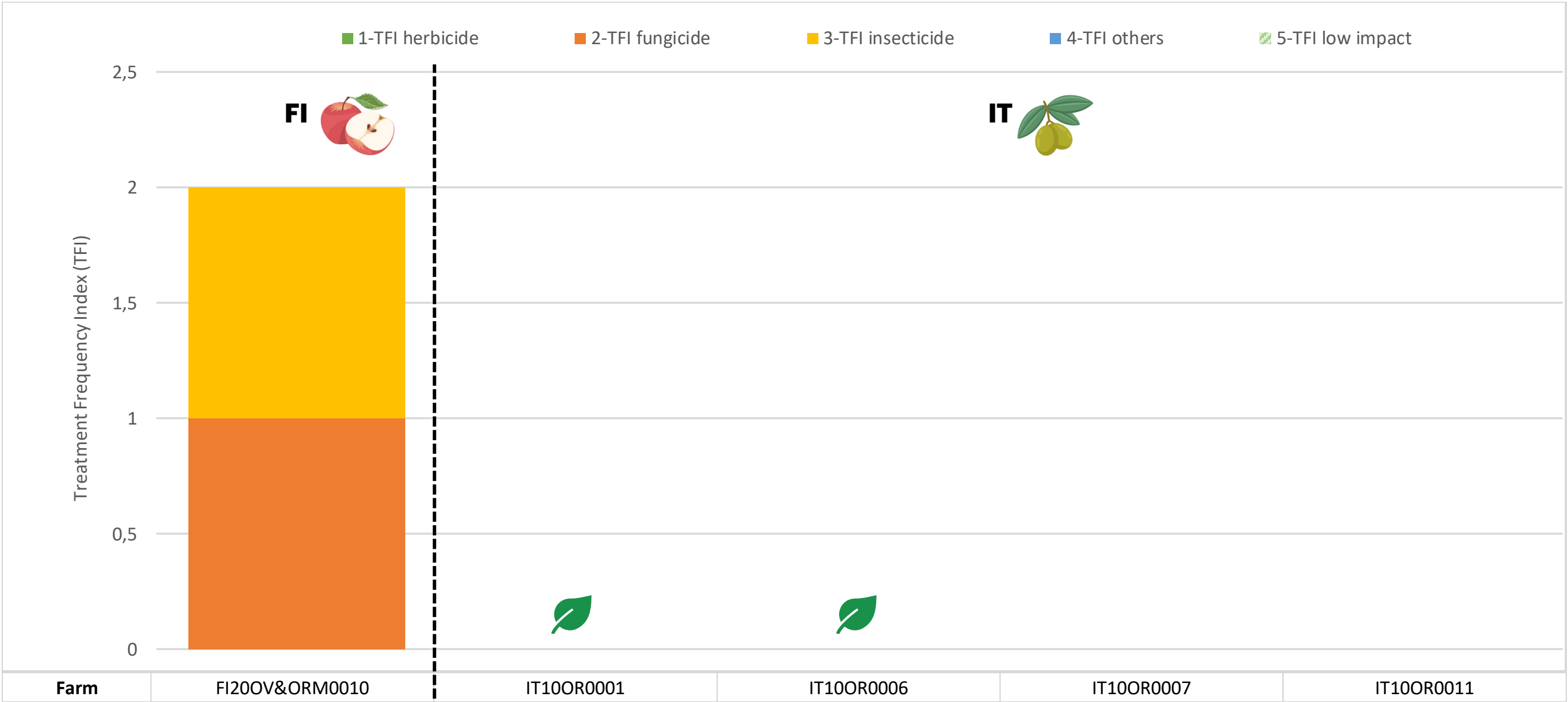
PARTICIPANT COUNTRIES  
**FINLAND, ITALY**



TOTAL ORGANIC  
FARMS

2

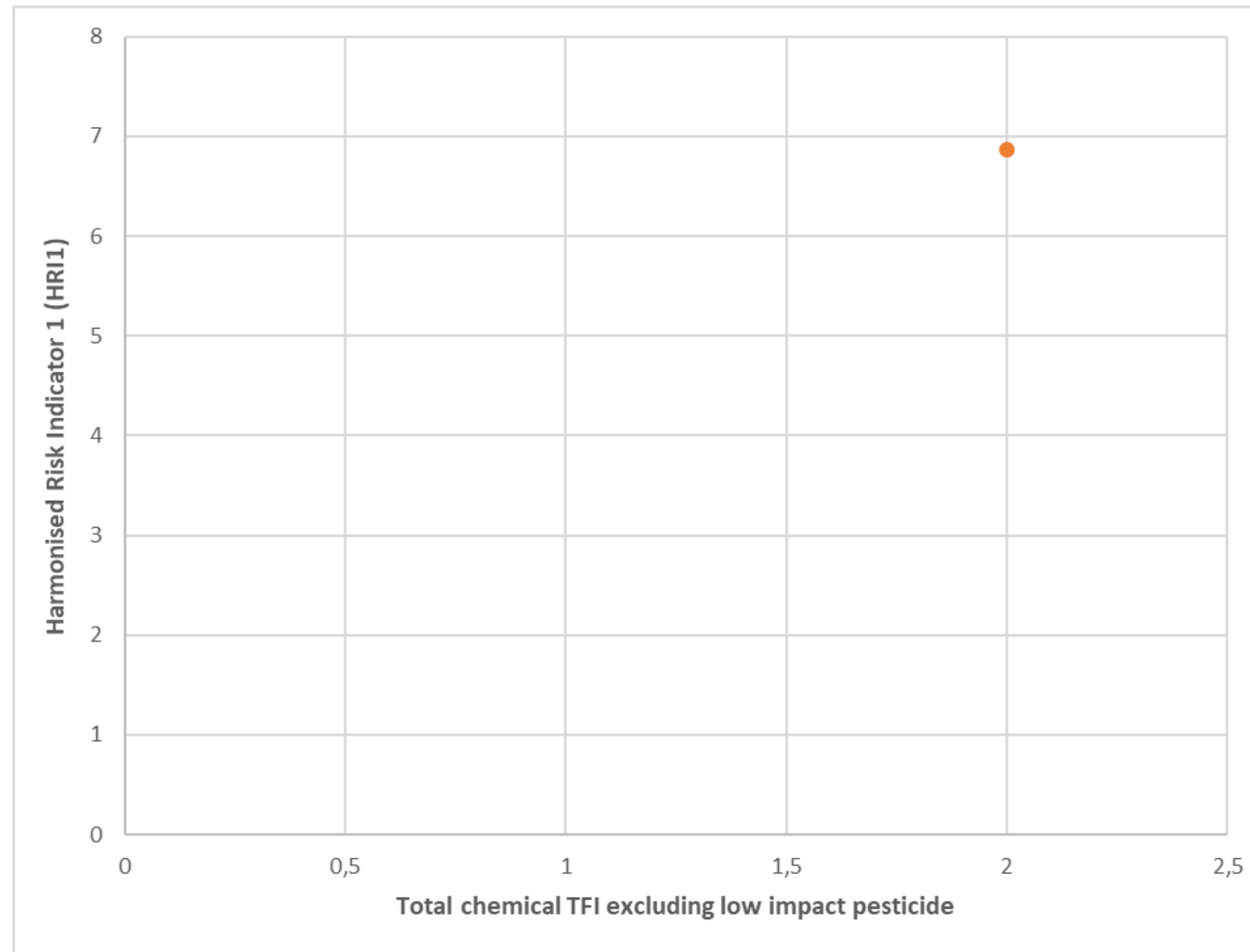
# TFI as a function of farm



**Total TFI for apple tree (Finland): 2**  
**Total TFI for olive tree (Italy): 0**

 : Organic farm

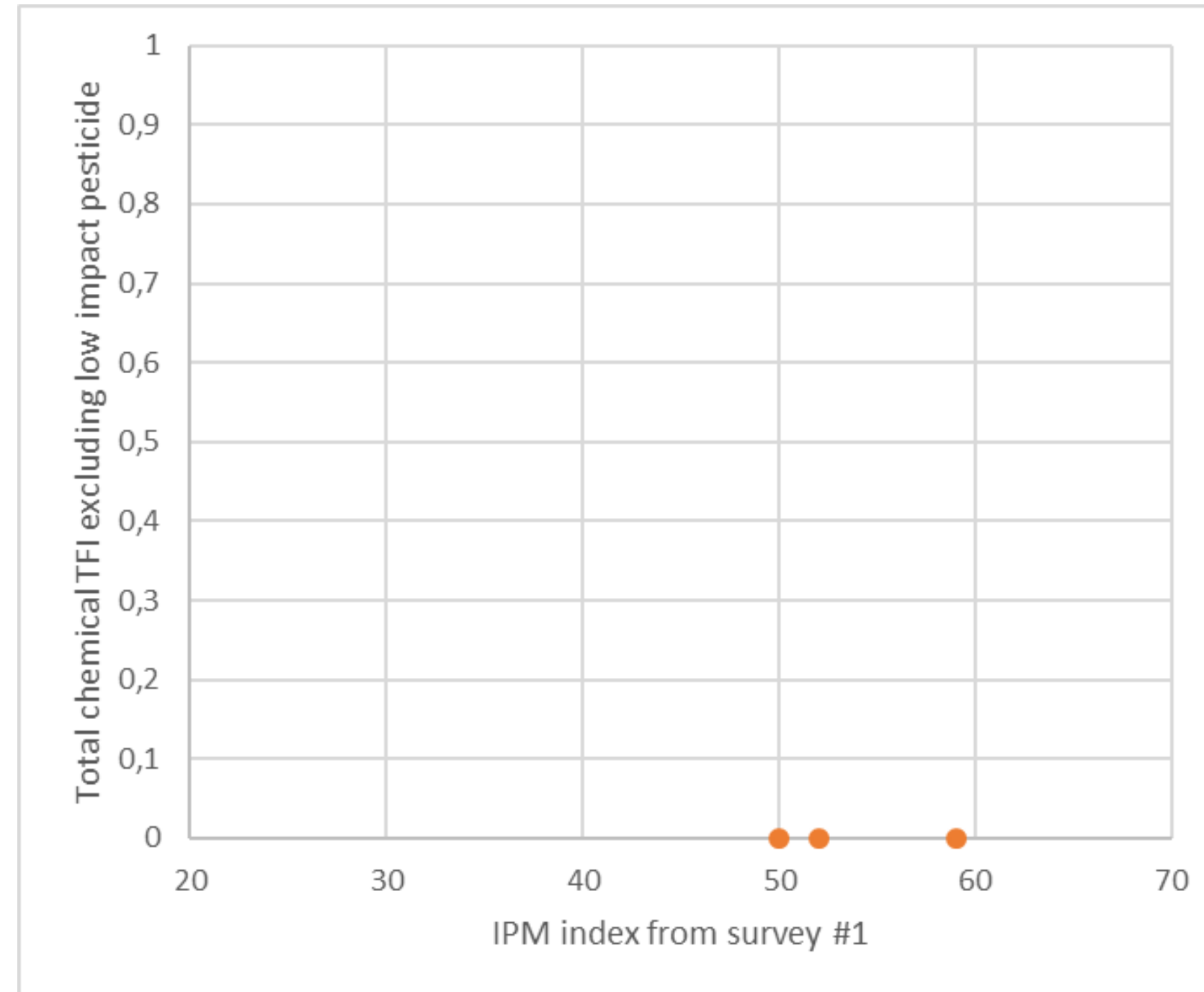
# TFI as a function of HRI1



The Harmonised Risk Indicator 1 (HRI1) is calculated by multiplying the quantities of active substances in plant protection products by a weighting factor (4 groups: low-risk substances, approved substances, substances being considered for substitution, non-approved substances).

**Not enough data to see a relationship between total chemical TFI and HRI1.**

# TFI as a function of IPM index



**Not enough data to see a relationship between total chemical TFI and IPM index (calculated in survey #1).**





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Nicolas Munier-Jolain (INRAE)  
nicolas.munier-jolain@inrae.fr



/H2020IPMWORKS



/company/ipmworks



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