



Benefits of modern crop protection

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ECPA...

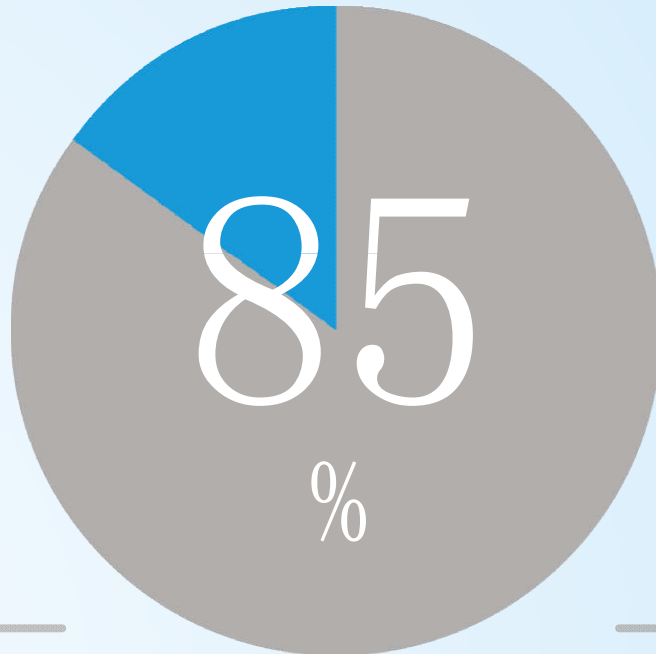
- ...represents the crop protection industry in **Europe**
22 multinational companies; 32 national associations; 26,000 people
a highly innovative, R&D driven industry
- ...advocates regulation that fosters **innovation**
 - giving Europe's farmers the **tools** they need to help meet the world's growing food demand
- ...promotes **good agricultural practices**
 - ensuring safe and affordable **food**;
 - safeguarding **water**;
 - enhancing **biodiversity**;
 - protecting **health** of farmers and the public



The Impact of Hazard-Based Legislation: Lower Yields

WITHOUT PESTICIDES

EU farmers might lose up to



**of their yields
for certain crops.**

The study's focus

7 key staple crops

24 specialty crops

Researchers analysed the situation in

9 COUNTRIES IN THE EU

REPRESENTING

62% of EU crop value of the staple crops

and extrapolate effects to the EU level.

Impact on Four Key Factors

YIELD

**EUROPEAN
ECONOMY**

TRADE

**OUR
ENVIRONMENT**

Yield

Staple crops would face a decrease in yields of **10-40%**.

Specialty crops will be highly effected and could lose up to **85%** of their yields.

*This situation is especially prevalent in the **Mediterranean countries** where Farmers' toolbox is already extremely limited.*

THE RESULT:

Less options for Farmers to protect their crops means a greater risk of the development of resistance.

European economy

THE RESULT:

The viability of the staple and specialty crops analysed will be at risk, including the jobs that go with them.

IN FACT, AN ESTIMATED

540,000
J O B S

will be at medium or high-risk of being lost.

Without the 75 substances, a smaller local crop supply will affect EU value chains in the form of higher costs and fewer jobs.

Trade

The EU will become dependent on imports for more than **20%** of its staple crops such as wheat, barley and potatoes while the EU would need to import **4 million tons of grapes from 3rd countries.**



THE RESULT:

EU Farmers ultimately become less competitive on a global scale as producers in other countries are not held back by such restrictions.

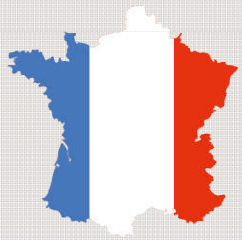
Our environment

Today, the cultivation of seven staple crops in the EU results in **83 million tons of CO₂ emissions.**

THE RESULT:

Without the 75 substances, the overall carbon footprint will rise by **47%.**

Nine EU countries were studied



FRANCE



GERMANY



UNITED
KINGDOM



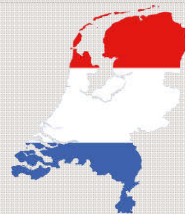
POLAND



SPAIN



ITALY



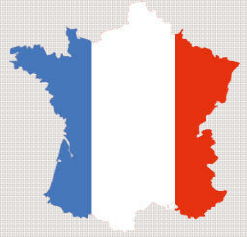
THE
NETHERLANDS



AUSTRIA

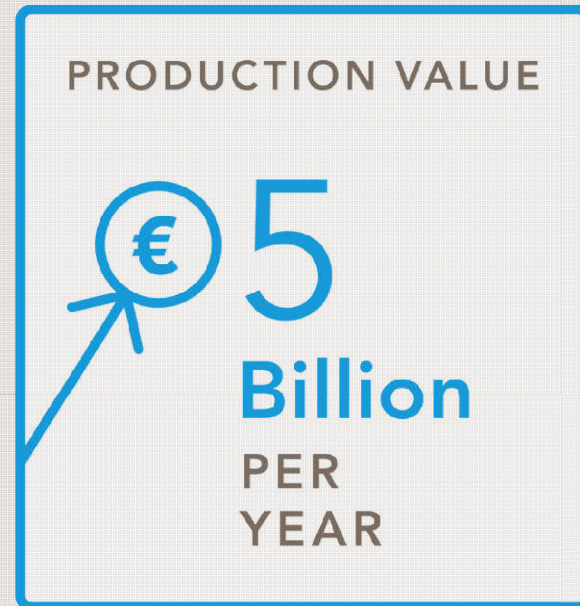
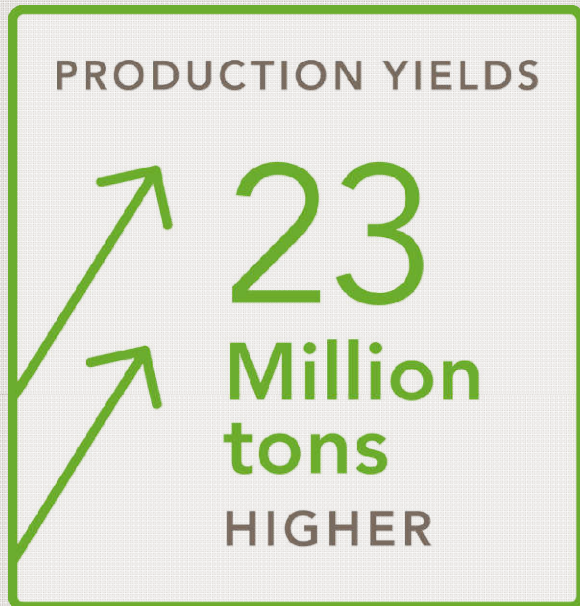


IRELAND



France

*If the farmers' toolbox is **preserved***



*If the farmers' toolbox is **depleted***

THE

364,000

DIRECT JOBS

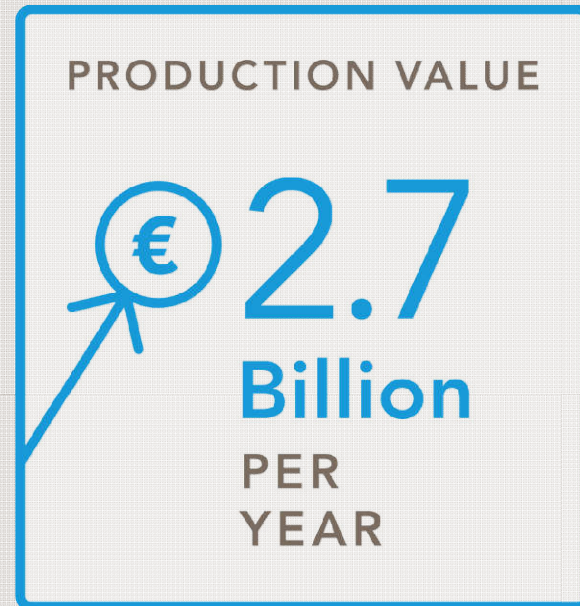
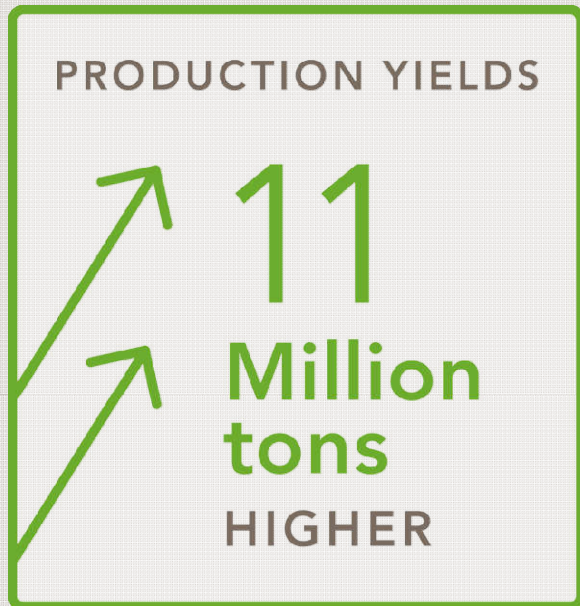
that depend on the crops
covered by the study

will be affected



Spain

*If the farmers' toolbox is **preserved***



*If the farmers' toolbox is **depleted***

Citrus fruit

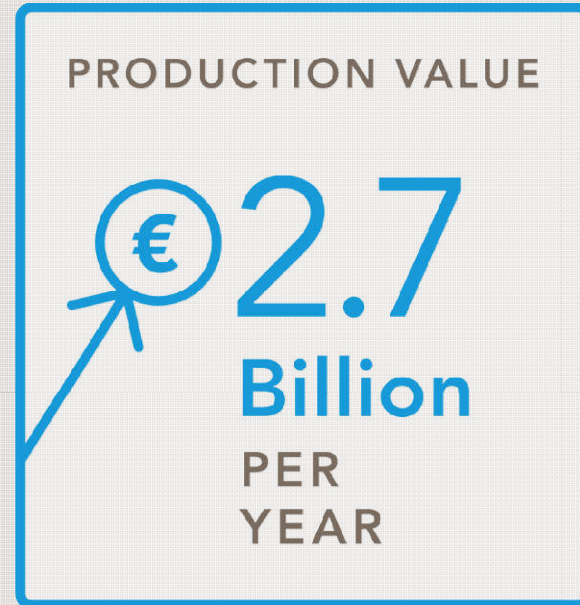
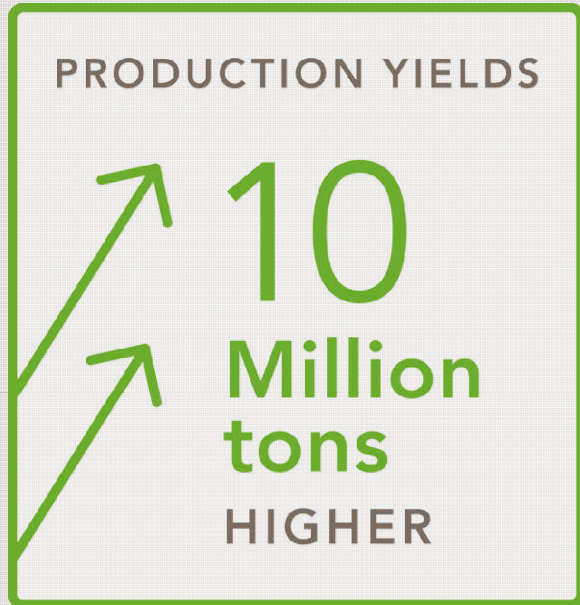
yield loss will result in

€ 1.5
Billion
OF VALUE LOSS



Italy

If the farmers' toolbox is preserved



If the farmers' toolbox is depleted

Olives and **grapes**
will likely face a

18-34%
COST INCREASE



point of view.
Truth [tru:θ]
is true as opp
with fact; con
statement, c



POST-TRUTH



"I'm sorry, Jeannie, your answer was correct, but Kevin shouted his incorrect answer over yours, so he gets the points."







European
Crop Protection

#WithOrWithout

www.ecpa.eu