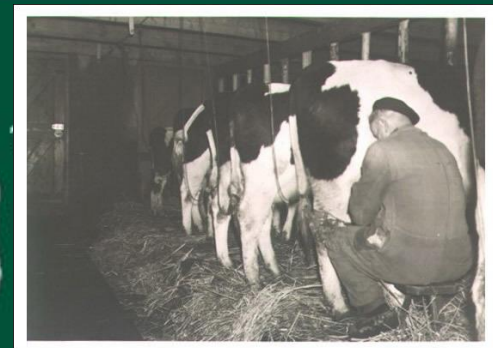


# *Switch to Sustain*

How sensors, internet, crop information and knowledge can pave the road to sustainable agriculture

BY JANNEKE HADDERS, DACOM





1987: start Dacom by farmer Jan Hadders



WWW.DACOM.NL

LEADING AGRI YIELD MANAGEMENT.



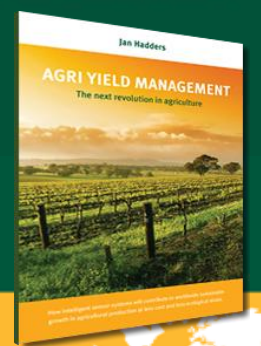
since 1987

Dacom: support farmers  
with sensor & IT  
systems and services  
that optimizes their yields



*'YOU CAN ONLY EXPECT THE BEST FROM  
THE INVENTORS OF  
AGRI YIELD MANAGEMENT'*

*Jan Hadders, the Netherlands*



Leading Agri Yield Management

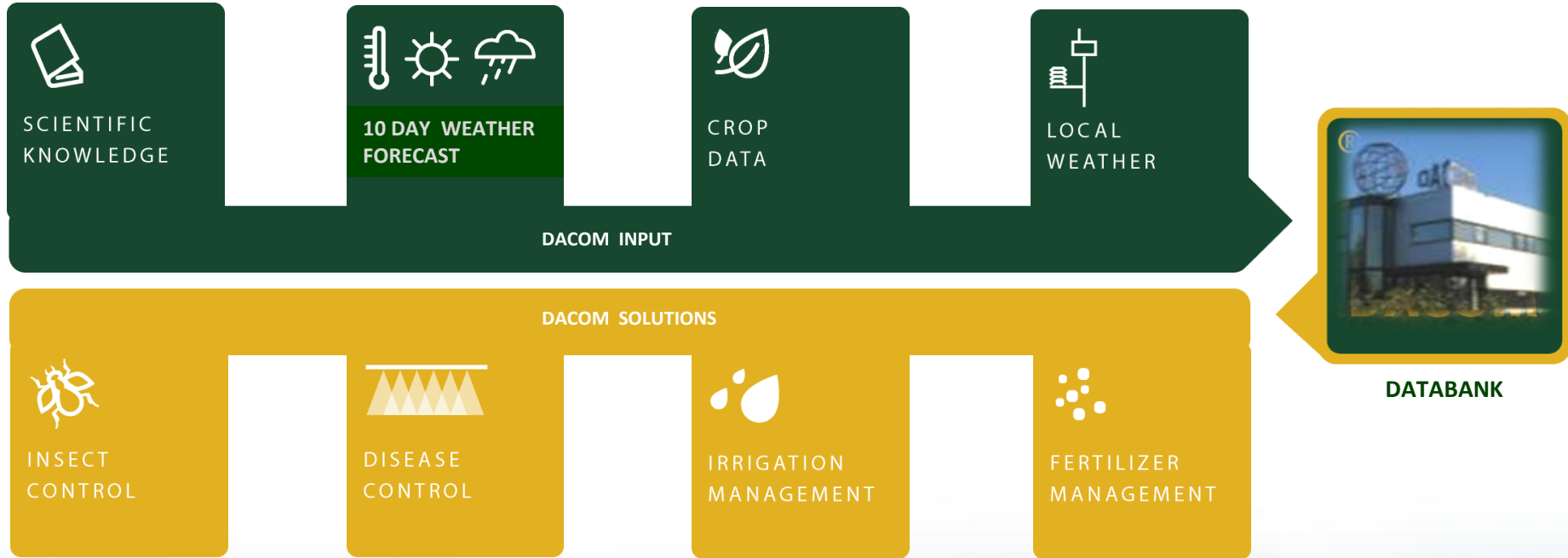


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LEADING AGRI YIELD MANAGEMENT.



# Data Management





# Potato Late Blight





DISEASE  
CONTROL



**1845-1850: The great Famine in Ireland**

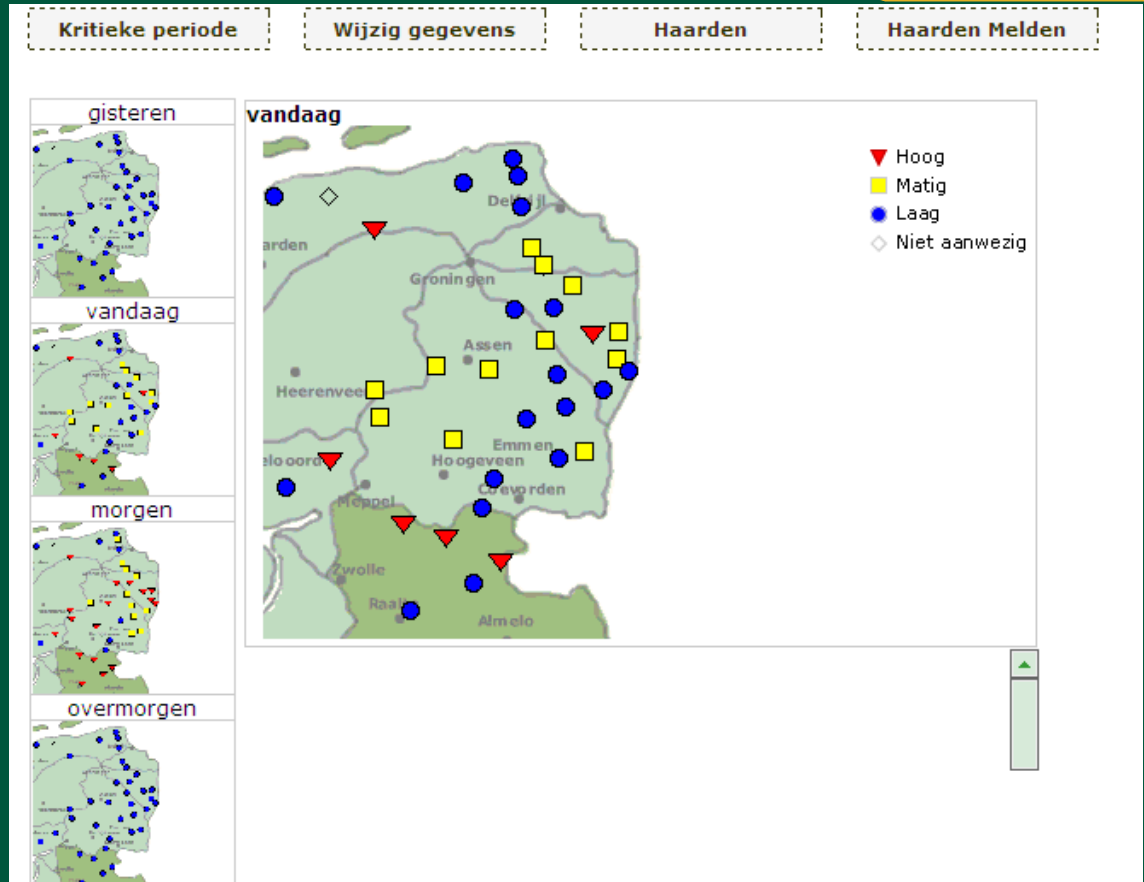


**2012: crops still need protection from fungus diseases using huge amount of pesticides**





# Masterplan Phythophthora



10.000 farmers are notified in case of an outbreak.

The model calculates the risks per region.

Based on postalcodes farmers get a fax or sms in case of high infection-chances



In 2010 we passed 1.000.000 warnings





IRRIGATION  
MANAGEMENT

DACOM SOLUTIONS

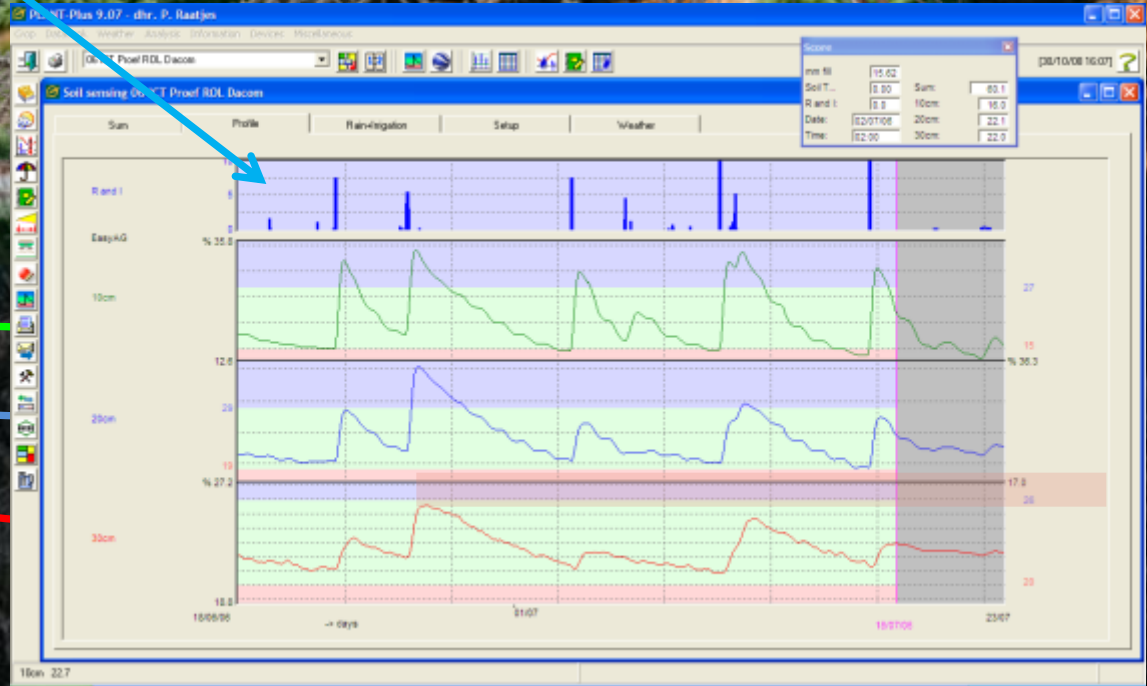


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LEADING AGRI YIELD MANAGEMENT.



# 2006 start of precision irrigation



# On-Farm Irrigation management Improvement Kenana Sugar Company Rabak, Sudan





**Irrigation:**  
7.000 million liters per day

**Production:**  
20.000 tonne cane per day







## Results:



**Length of sugarcane stalk: + 13%**

**The depth of the root system : + 15%**

**Number of irrigations applied: - 25%**



# “Agri Yield Management Systems”

paving to road to sustainable agriculture

