



An Agricultural
Sciences Company

24. september 2025
Ib Winckelmann, Projektleder, Global R&D

FMC Corporation

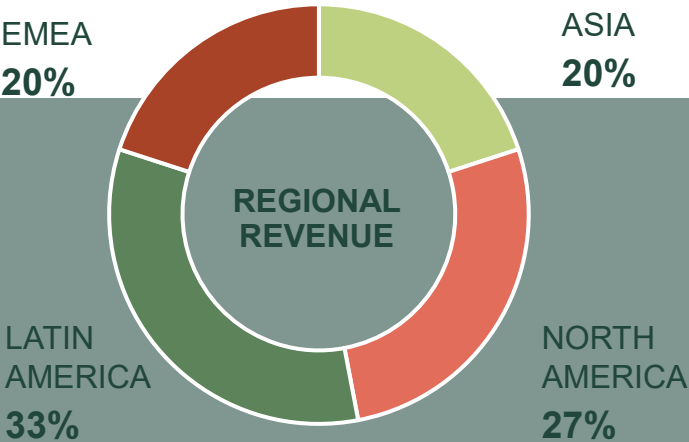
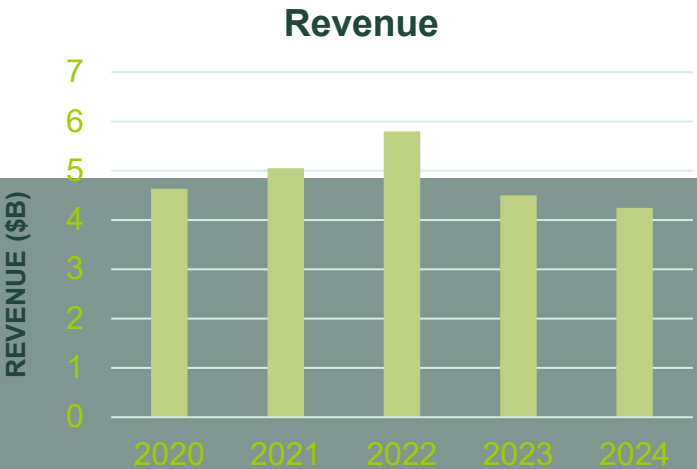
FINANCIAL HIGHLIGHTS

\$4.25
BILLION

2024 REVENUE

\$903
MILLION

2024 EBITDA*



GLOBAL FOOTPRINT



*Represents a non-GAAP financial term. Refer to our website for reconciliations of non-GAAP terms to the most directly comparable GAAP term

FMC Global Presence

FMC's presence spans approximately 110 countries



Powering One of the Most Productive Crop Protection Pipelines in Agriculture

\$2 BILLION

Revenue Contribution by 2033 | From New Active Ingredients

>40 New Active Ingredients¹

>25

New Active Ingredients
Discovery Pipeline

18

New Active Ingredients
Development Pipeline

>30

New Modes of Action²

6

Advanced at least one gate
since 2020

¹ Includes Synthetic and Biological pipelines

² New Modes of Action include new chemistries and new applications on specific crops

A Robust Development Pipeline

Synthetic Chemistry and Biologicals

B →
B →
P →

B →
B →

				Target Market					Regions			
Name	Launch Year¹	Market Area	New Mode of Action²	F&V	Rice	Cereals	Corn	Soy	North America	Latin America	Asia	EMEA
WEED CONTROL												
Isoflex™ active	Ongoing	Selective (grasses)	★									
Dodhylex™ active (Herbicide 1)	2026	Selective (grasses)	★									
Rimisoxafen (Herbicide 3)	2028	Selective (broadleaf)	★									
F4050		Selective (broad spectrum)										
TJC04		Selective (broad spectrum)	★									
INSECT & NEMATODE CONTROL												
Bionematicide F4018*	Ongoing	Nematodes	★									
Bioinsecticide F4015	2024	Bioinsecticide (soil pests)	★									
Sofero™ Fall	2025	Pheromone- Fall Armyworm	★									
Indazaproxamet		Piercing insects										
DISEASE CONTROL												
Fluindapyr	Ongoing	Broad spectrum										
Biofungicide F4034**	Ongoing	Soil-Borne Diseases	★									
Biofungicide F4028		Foliar Biofungicide	★									
W2K17	2034	Rust Control										

1. Launch timing is dependent upon obtaining regulatory approvals.

2. New Modes of Action include new chemistries and new applications on specific crops. Pipeline current as of November 2023.

*Bionematicide 1 brands include Quartzo®, Presence® and Avodigen™ ; **Biofungicide 1 brands include Ataplan® and Provilar™ ;

Development Pipeline | Pheromones

The discovery pipeline has 3 candidates in earlier stages in addition to these development candidates.

TARGET PEST	COMMERCIAL PRODUCT	CROP	REGION
P → Fall Armyworm 	Sofero™ FALL/FRUGI	 Corn, Cotton, Soybean, Cereals	Global
Cotton Bollworm 	Sofero™ HELI	 Soybean, Cotton, Corn, Tomato	Global
Rice Stem Borers 	Sofero™ CHILO Sofero™ SCIRPO	 Rice	Asia
Diamondback Moth 	Sofero™ XYLO	 Vegetables, OSR	Global
European Corn Borer 	Sofero™ SESA	 Corn	EMEA
Mediterranean Corn Borer 	Sofero™ OSTRI	 Corn	EMEA

First commercial product launch Sofero™ FALL in Brazil in 2025 with significant expansion in 2027.



Feromon Projekterne og deres betydning for FMC



Hvad er et feromon?

- En “simpel” kemisk forbindelse, der anvendes til at overføre signaler mellem organismer – dyr, planter m. m.
- Eksempler:
 - Myrer
 - De bruger feromoner til at markere stier til føde, så andre myrer kan følge dem.
 - Bier
 - Når en bikube er truet, udsender bier alarmferomoner for at mobilisere forsvar.
 - Hunde
 - De markerer deres territorium med urin, der indeholder feromoner, som advarer andre hunde.
 - Fisk
 - Mange fisk udsender feromoner under parringsritualer for at tiltrække en partner.
 - Planter
 - Nogle planter kan udsende kemiske signaler, der advarer andre planter om skadedyrsangreb.

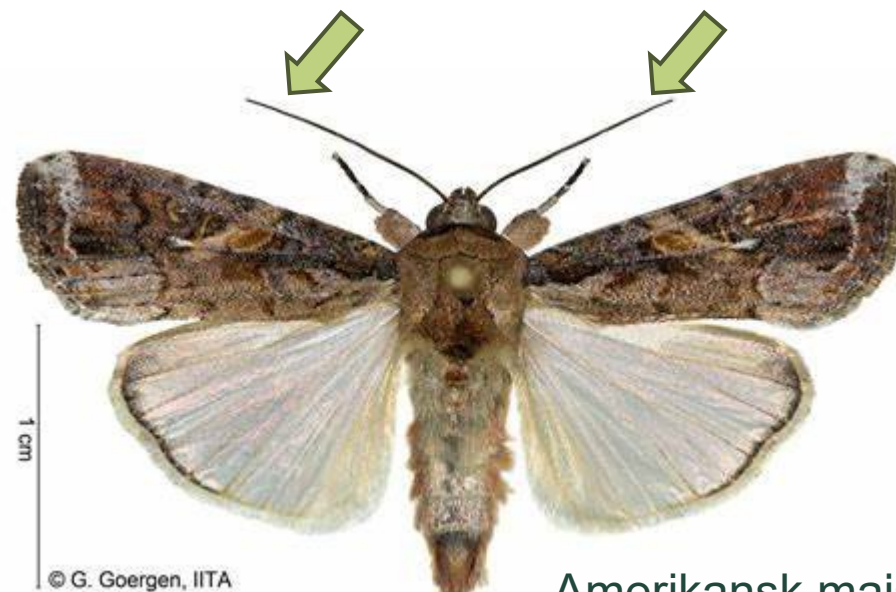
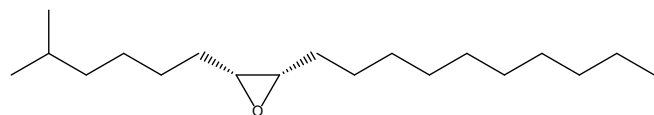


Antennerne er vigtige for Insekternes kommunikation

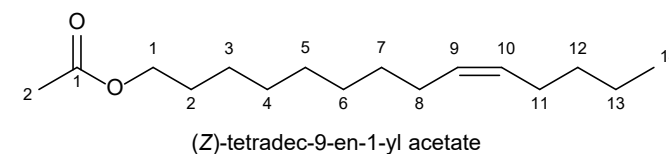


Sigøjnermøl

(7R,8S)-7,8-epoxy-2-methyloctadecane



Amerikansk majsugle
– *Spodoptera frugiperda*



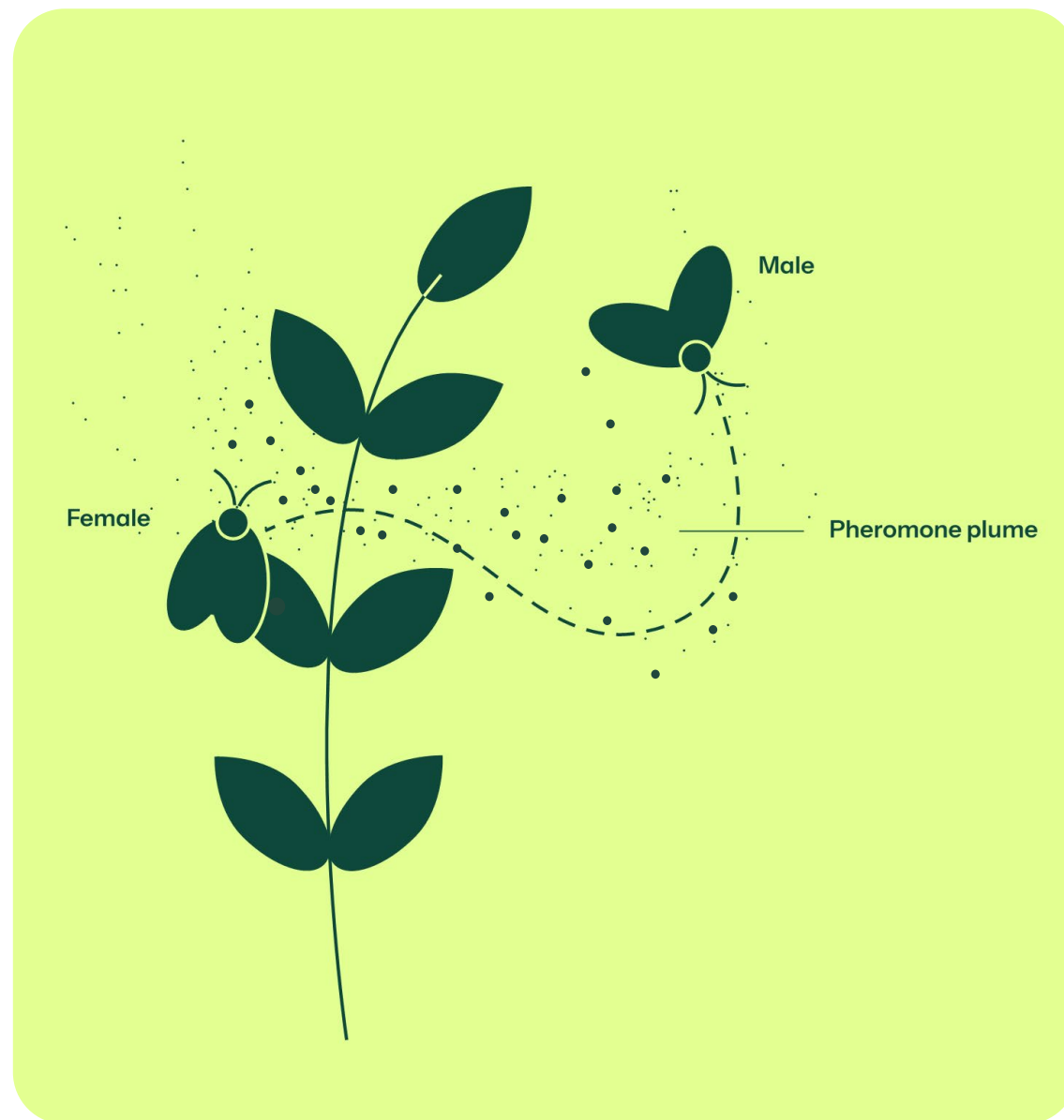
Hvordan finder insekterne deres partner

Han-møllets antenner bruges primært til at opfange de parrings feromoner, som hunnerne udsender for at tiltrække en partner og parre sig.

Møls feromoner er flygtige kemiske forbindelser, hvilket betyder, at de let fordamper fra hunmøllet ud i luften, hvor de kan opdages af hannerne.

Hannen opfatter et duftspor i luften, som guider den til hunnen.

Hvis landmanden kan "overdøve" dette duftspor, så finder hun- og han-møl ikke hinanden og der kommer således ingen larver, som ødelægger afgrøden.





Hvordan kan feromoner bruges til at beskytte landmandens afgrøder?

Our vision and mission

Vision

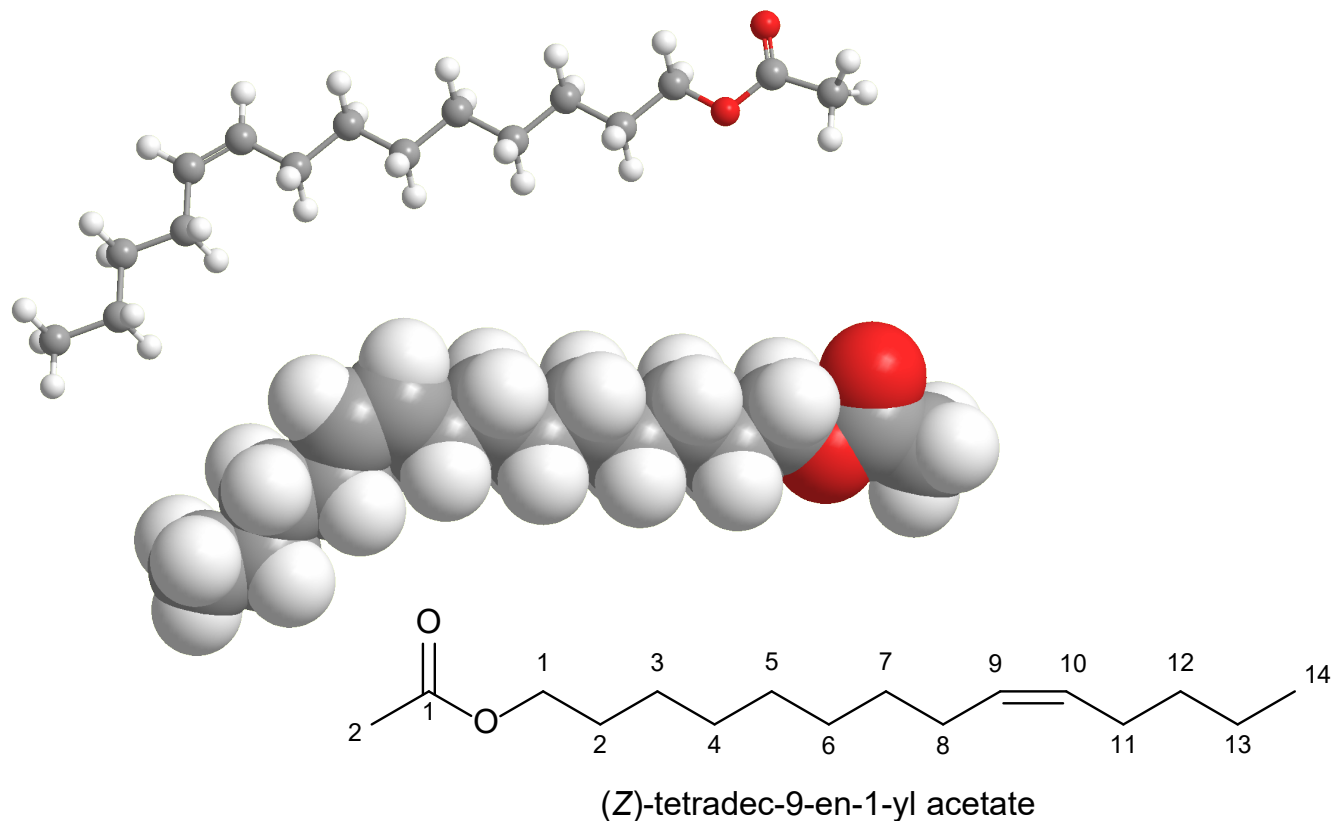
To revolutionize crop protection by advancing solutions focused on **prevention** in harmony with nature.

Mission

To pave a sustainable path for agriculture by pioneering scalable, pheromone-based solutions in **row crops**.

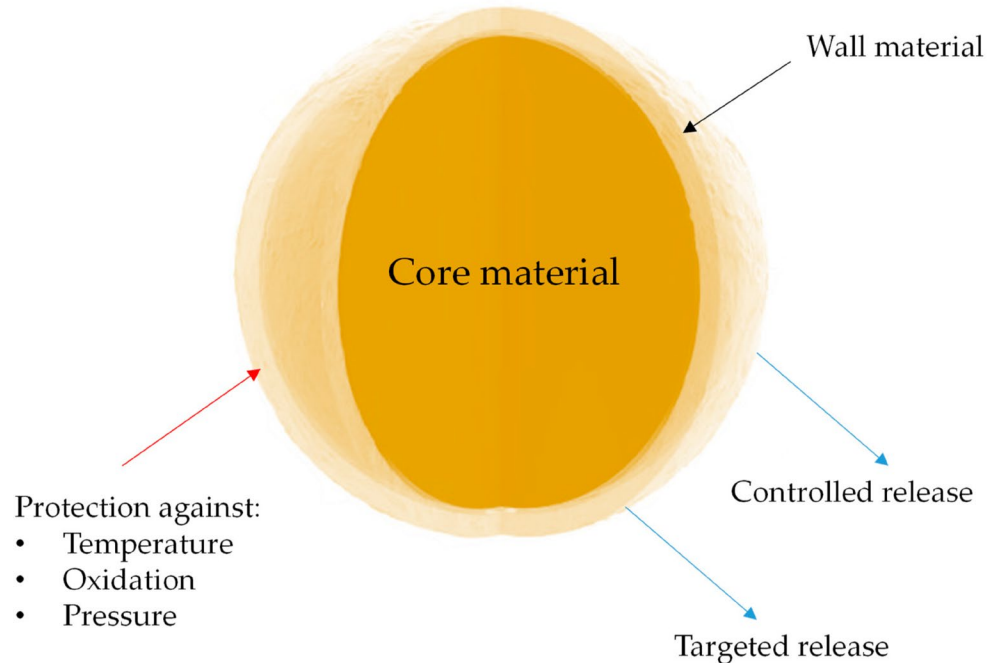
**Det første feromon-baserede
produkt er på vej på det
Brasilianske marked – lige nu!**

Sofero® Fall indeholder Z9-14Ac og sådan ser det ud:



Det færdige produkt

Hvad er mikroindkapsling?



- Dråbe af aktivstof i olie – overtrukket af en “nylon” skal
- Hjelpestoffer giver et robust produkt, der ikke skiller eller henfalder
- **Fordele**
 - **Kontrolleret afgivelse af feromon**
 - **Placering det rette sted på planterne**
- **Sofero® Fall indeholder 200 g Z9-14Ac per liter product**
- **Anbefalet dosis er 150 mL product per hektar = 30 g/Ha**

Sofero® produkterne har nogle fælles egenskaber

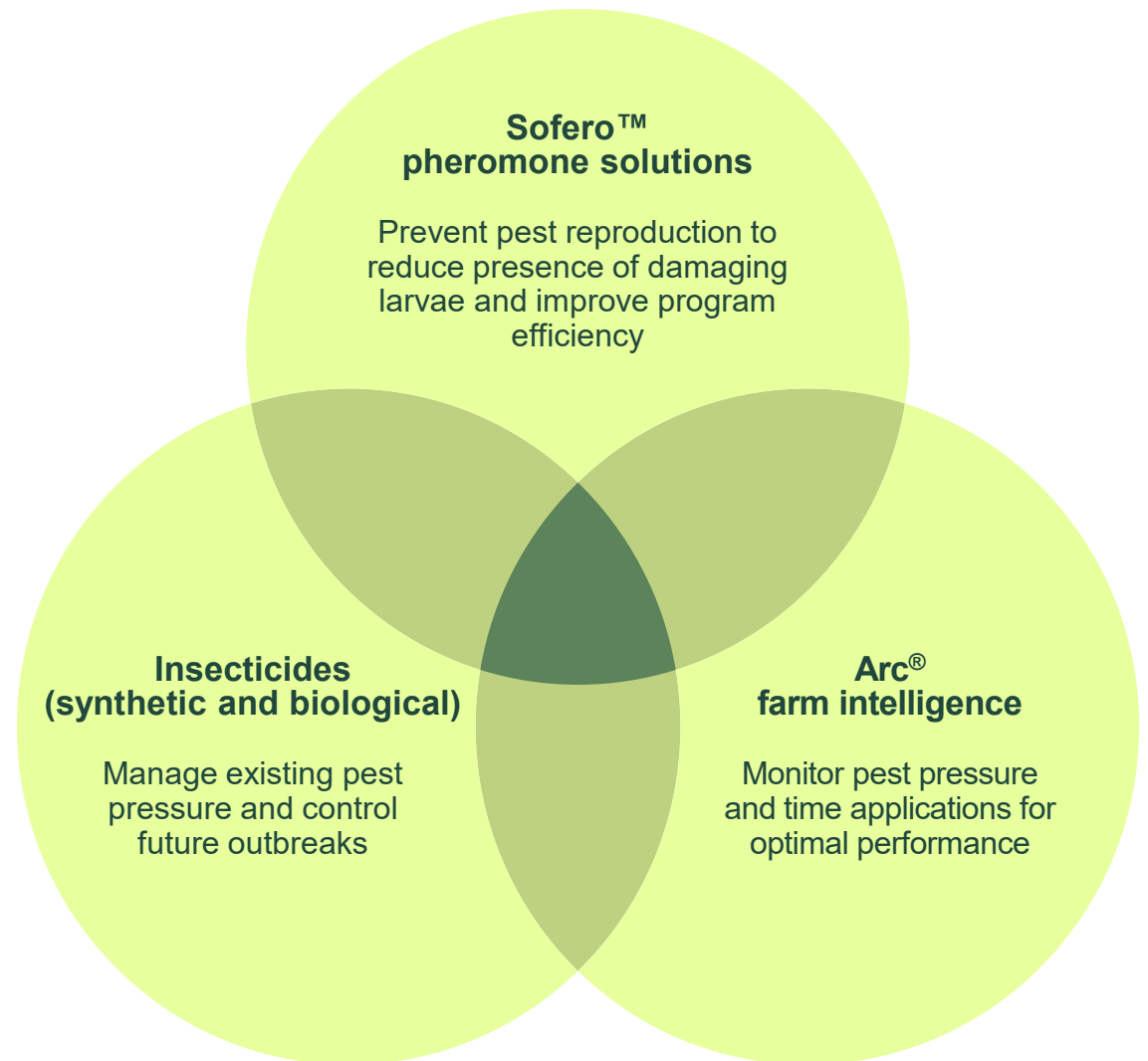
- De er stort set harmløse overfor alle andre organismer end de insekter, de er beregnet til at “kontrollere”
- De nedbrydes hurtigt i naturen og ender heller ikke i grundvand
- Der er ikke risiko for rest-mængder i landbrugsprodukterne
- De udgør kun en minimal risiko for de, som arbejder med dem
- De virker endnu bedre i et program med

Maximizing impact through an integrated approach

FMC's pheromones are most effective when used as part of an integrated approach, combining them with synthetic and biological solutions and Arc® farm intelligence.

Pheromones support Integrated Pest Management (IPM):

- Additional control method that disrupts pest behavior
- Target a different stage of the pest cycle
- **Prevent or delay resistance**
- Lengthen period of effective crop protection
- Ease of use
- Operational flexibility
- Field-level information driven application





Moderne gen-teknologi bidrager med nye produktionsmetoder

2022 - FMC overtager BioPhero



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NEWS RELEASE

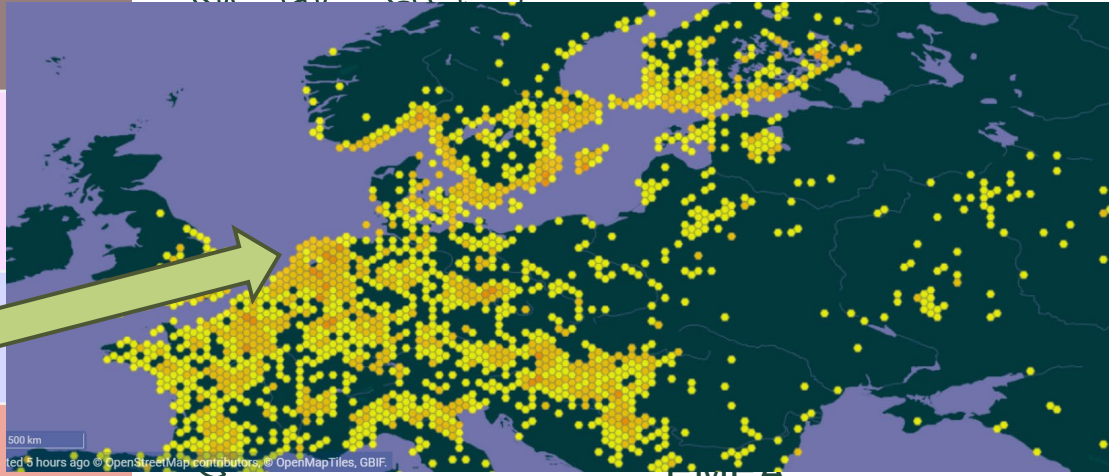
FMC Corporation significantly expands biologicals platform with agreement to acquire BioPhero

6/29/2022



Fremtiden for FMC's feromoner

Sofero[®] pheromone solutions: The pipeline

TARGET PEST	COMMERCIAL PRODUCT	CROP	REGION
Fall Armyworm 	Sofero [®] Fall Sofero [®] Frugi	    Corn, Cotton, Soybean, Cereals	Global
Cotton Bollworm 	Sofero [®] Heli	   	 EMEA
Rice Stem Borers 	Sofero [®] Chilo Sofero [®] Scirpo		
Diamondback Moth 	Sofero [®] Xylo		
European Corn Borer 	Sofero [®] Ostri	Corn	
Mediterranean Corn Borer 	Sofero [®] Sesa	 Corn	



**Mange tak til mine kolleger for hjælp
med slides og til jer for at lytte!**

Spørgsmål ???