



Plantebeskyttelsesmidler skal benyttes med omtanke og bliver mere bæredygtige

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We need to find better ways to feed the world

Every day the
world's
population
increases by
200,000 870 mio
go to bed hungry



Too many
residues



Agriculture
produces 30% of
greenhouse gases
and 40% of
soil is degraded



By 2050
4bn people will live
with water scarcity
– agriculture uses
70% of fresh water



Who we are



#2 in Crop Protection and #3 in Seeds

Bringing innovation to farmers
everywhere, irrespective of size



Broad, innovative portfolio

Crop Protection, Seedcare,
Pest Control, Seeds,
Biotechnology Traits, Digital



\$13.5bn annual revenue

>50% emerging markets



Sustainability commitment

The Good Growth Plan
Shared vision & collaboration



~28,000 employees
across 90+ countries



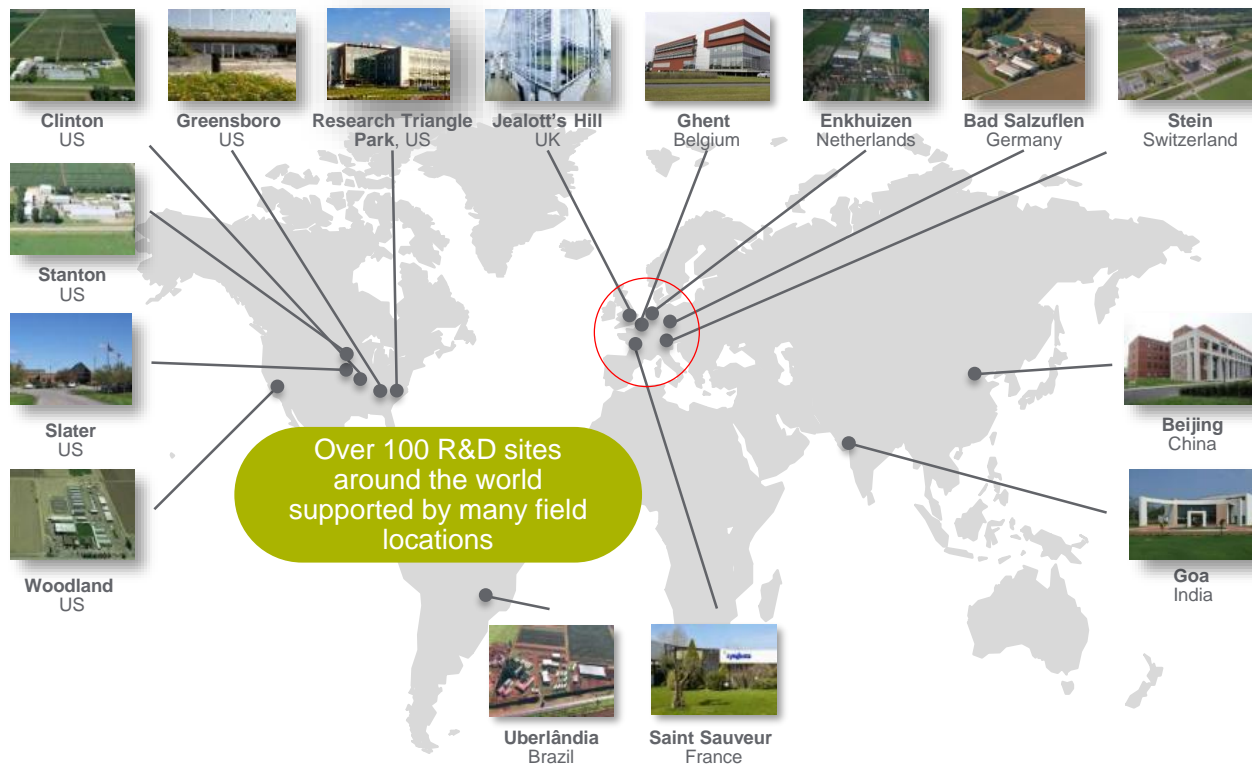
Key R&D sites in US, EU and China

\$1.3bn per year R&D spend

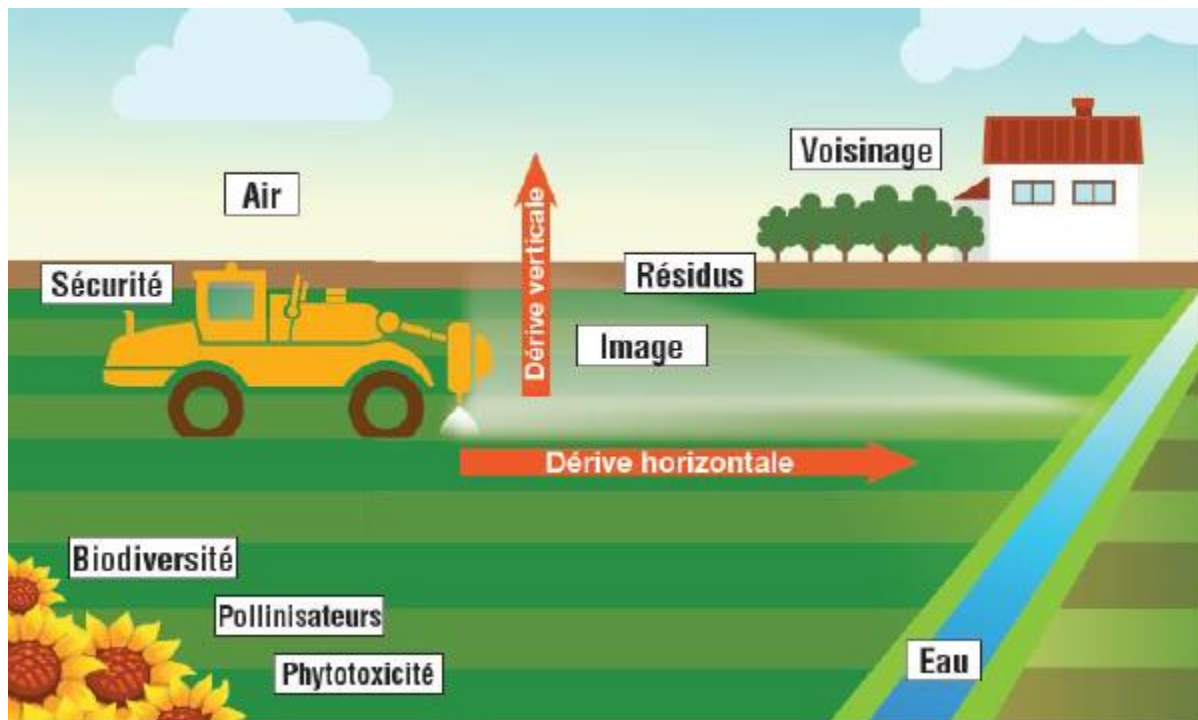
Bringing plant potential to life

Key R&D centers across EAME and the world

Global scope but also local reach



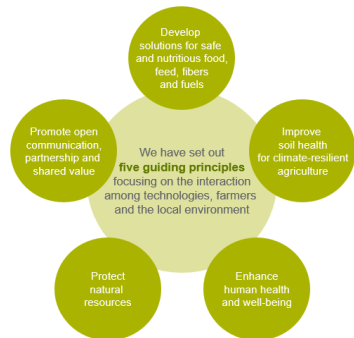
Challenge





Transformation is needed

Our commitments



Society and nature guided innovation

Society's views and environmental needs will increasingly become central drivers for innovation alongside meeting farmers' needs. New products will be developed in consideration of externally verified sustainability principles.

Strive for the lowest residues in crops and the environment

We stand by the safety of our highly-regulated products and the role they play in protecting food quality and safety. We will work with partners to further reduce residues in crops without impacting farmer productivity, and continue to improve soil health and prevent soil erosion.

Invest where it matters to farmers and nature

We will collaborate – with farmers, academia and environmental groups – on researching and developing sustainable solutions. And we will report transparently on the progress and outcomes of these investments.

Innovation that matters

Science and safety are at the heart of Syngenta.

Society's views and environmental health are central drivers alongside meeting farmers needs.

Our research and development

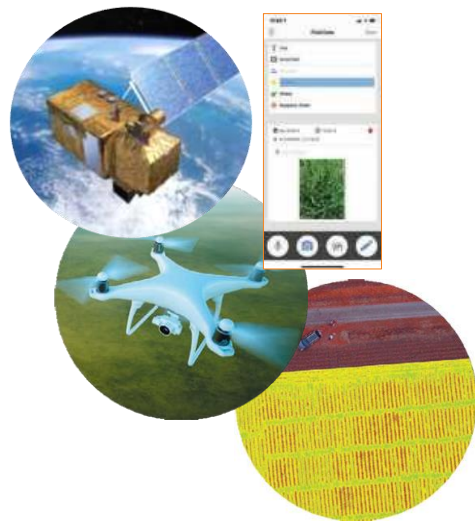
- meets the highest scientific and ethical standards
- serves to maintain the long-term viability of agricultural systems by ensuring they are environmentally sound, resource efficient, economically viable, commercially competitive, and responsive to society's needs



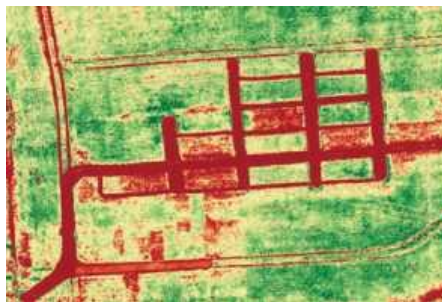
Technology is driving sustainable product selection

Multiple technology tools can be used to help with the selection of the correct product(s) based on: **location, cropping, identification of issues and economic thresholds**

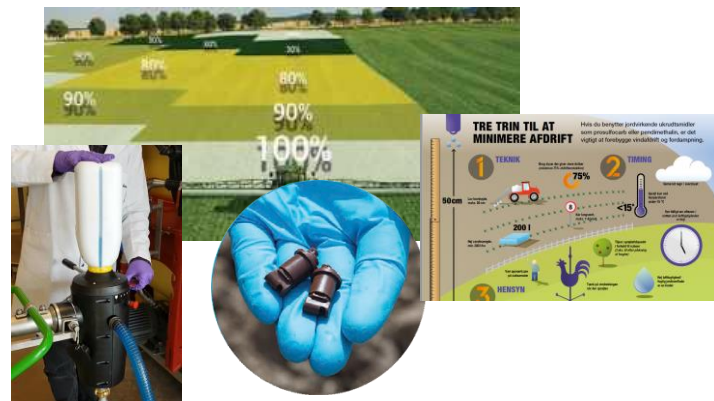
1 Determine the problem



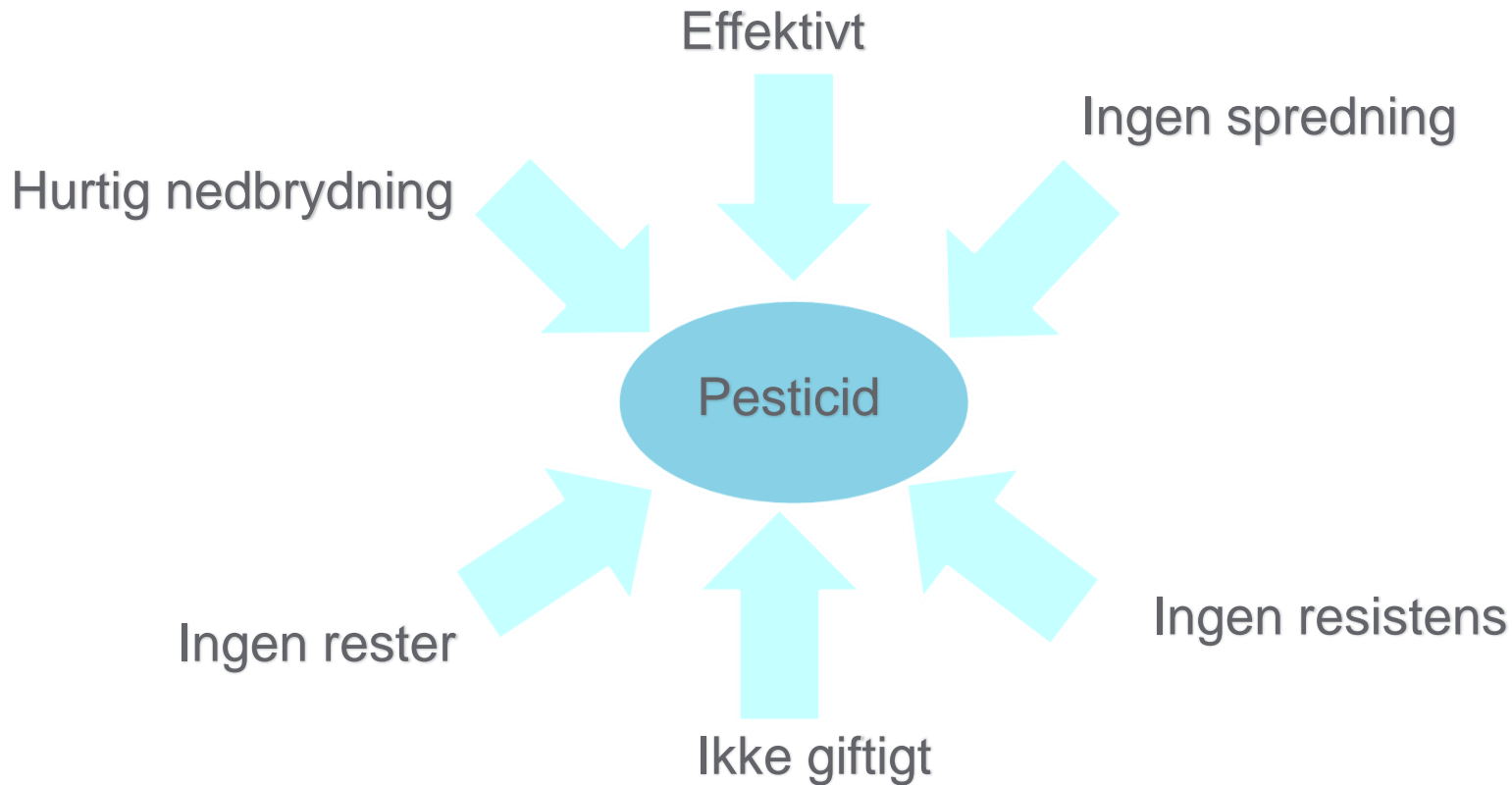
2 Select appropriate controls based on scientific data



3 Apply product in the most sustainable and efficient manner to achieve sustainable outcomes and ensure the most efficient product application



Det ideelle pesticid



Jord og grundvand



Datakrav:

Metabolisme i jord
Nedbrydning i jord
Adsorption/desorption
Akkumulering
Fordampning

Computermodellering:

Jordtyper
Klimadata (20år)
Produktspecifikke data
Afgøde og plantedække
Sprøjtning (dose +interval)

Supplerende data

Grundvandsmonitoring/VAP
Evt supplerende data

Samlet ekspertvurdering:

Overskrides grænseværdierne i grundvandet?

Eksempel på detaljer i etiketteksten:



AFGRØDE / TIDSPUNKT	SKADEVOLDER	DOSE RING (l/ha)	BEMÆRKNINGER
FRILAND			
Asperges	Løg-ringplet (<i>Stemphylium botryosum</i>) Rust (<i>Puccinia asparagi</i>)	1,0	Max. 1 behandling. Der må kun behandles efter høst. Vandmængde: 400-800 l/ha.
Broccoli Rosenkål Hovedkål (hvidkål, rødkål, savoykål) Blomkål Kinakål Gisnekål BBCH 40-49	Kålbladplet (<i>Mycosphaerella brassicicola</i>) Lille skulpesvamp (<i>Alternaria brassicicola</i>) Stor skulpesvamp (<i>Alternaria brassicae</i>) Meldug (<i>Erysiphe cruciferae</i>) Phoma (<i>Leptosphaeria maculans</i>) Hvidrust (<i>Albugo candida</i>) Knoldbægersvamp (<i>Sclerotinia sclerotium</i>)	0,8	Max. 1 behandling. Vandmængde: 400-800 l/ha.
Gulerod Pastinak Persillerod Peberrod BBCH 40-46	Bladplet (<i>Alternaria dauci</i>) Cercospora bladplet (<i>Cercospora carotae</i>) Meldug (<i>Erysiphe heracleae</i>) Knoldbægersvamp (<i>Sclerotinia sclerotium</i>)	1,0	Max. 1 behandling. Vandmængde: 400-800 l/ha.
Knoldselleri BBCH 40-49	Meldug (<i>Erysiphe heracleae</i>) Selleri bladpletsyge (<i>Septoria api</i>) Knoldbægersvamp (<i>Sclerotinia sclerotium</i>)	1,0	Max. 1 behandling. Vandmængde: 400-800 l/ha.
Vårsalat Hovedsalat Endivie Rucula BBCH 40-49	Knoldbægersvamp (<i>Sclerotinia sclerotium</i>) Salatskimmel (<i>Bremia lactucae</i>)	0,8	Max. 1 behandling. Vandmængde: 300-1200 l/ha.
Porie Fra BBCH 40	Purpurskimmel (<i>Alternaria porri</i>) Løg- og Porerust (<i>Puccinia allii</i>) Løgbladplet (<i>Cladosporium allii</i>)	0,8	Max. 1 behandling. Vandmængde: 400-800 l/ha.
Ærter til modenhed BBCH 59-77	Ærtesyge (<i>Ascochyta pisi</i> , <i>Mycosphaerella pinoides</i>) Ærtemeldug (<i>Erysiphe pisi</i>)	1,0	Max. 1 behandling. Vandmængde: 300-1200 l/ha.



Thank you for your attention

