Before a precedent: Patent claiming conventionally bred maize

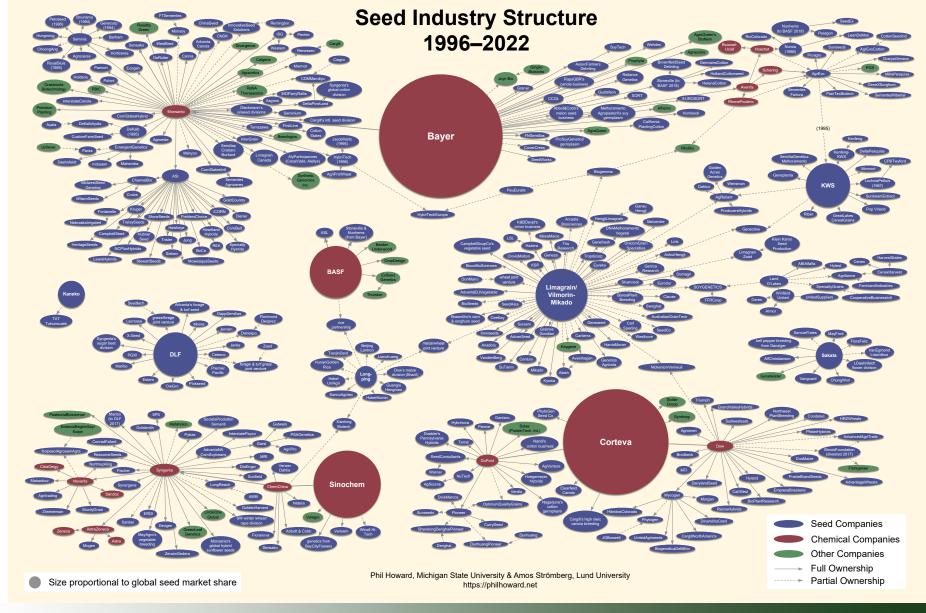
Webinar, 4th of November 2025



Grietje Raaphorst-Travaille

Started 1st of October 1990

7 companies with maize breeding program





Nordic Maize breeding (NMB) started in 2002

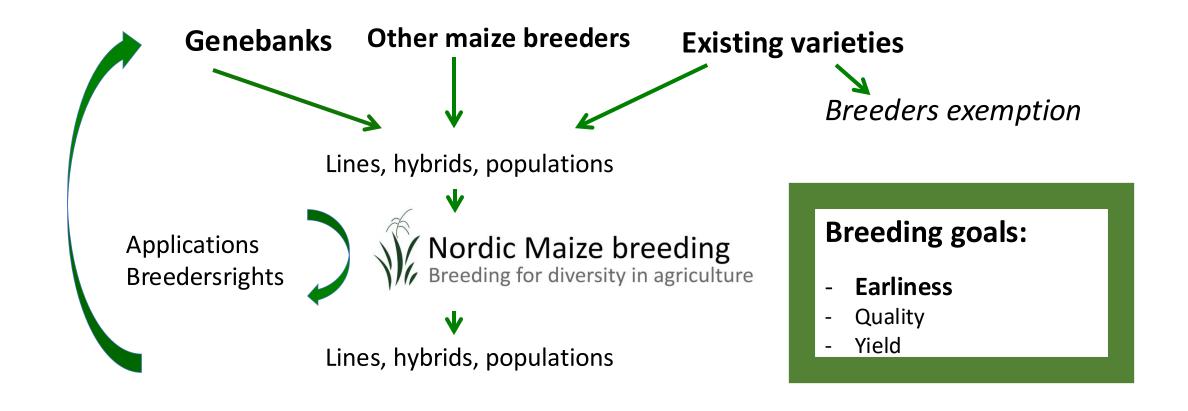
Silage maize in the North of the Netherlands was harvested in November:

That ought to be earlier!

In 2015 we lost our first variety on GMO contamination (22 ton, Chili)



How did we started when the freedom of breeding still existed?



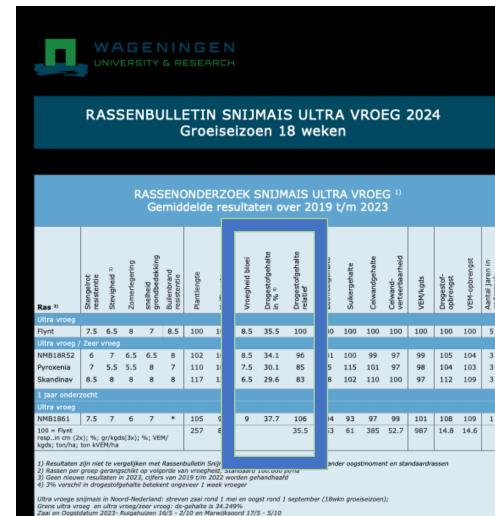
The only 100% Dutch maize breeding company

NMB developed the earliest maize varieties

Farmers can earn sustainability points with only NMB varieties (harvest before 1st September)

NMB produces (organic) maize seed in the Netherlands (~third of the market)

Regional breeding works!





Short season varieties enable croprotations:

April	May	June	July	August	September	October	
Maize season							
	ultra-early maize				wintercereal/winterhardy peas		
grass/winterhardy peas ultra-early maize							
ultra-early maize				winterrapeseed			
spinach/lettuce ultra-early maize							
ultra-early maize					green manure		
early potatoes/wintercereal/bulbs ultra-early maize							



Winter cereal-winterpea



Winterrapeseed



Early varieties enable regional seedproduction





Seedproduction with clovermixture Harvested before 1st of October

Indepent breeding companies are:

- Capable to work 'out of the box', real innovations
- Out of need of extreme efficiëncy
- Capable to develop 'not money driven' innovations
- Motivated to serve the sector
- Capable of serving regional markets

Indepent breeding companies strongly depend on

- Free accessible genetic sources
- The use of the Breeders Exemption









Existing varieties

Other breeders



Lines, hybrids, populations







Lines, hybrids, populations

Pure legally:

When someone wants to start breeding, patentholders have to be contacted first



NMB does not know if our material contains patented genes (the detection of the patented genes is also patented)

NMB is facing an uncontrollable risk of pollution with patented genes of our material (Our biggest risk is with the contractor who plants maize for farmers, which also make farmers fulnerable)

Should we, as solely a breeding and production company without a legal department, enter into discussion/negotiations with the laywers of patent holders?



Will patents on seed contribute to food security?

Patents have nothing to do with breeding. It is a lawyers job

Patents block starters and real innovation in plantbreeding.

We, in Europe, are now in the same unprotected situation as small scale breeders / farmers of the global south



Thank you for your attention



Sowing the Seeds of Love

Any questions?

#DNAisnatureowned

#breedingisahumanright



