



Crop virtual selection

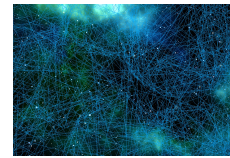


iMEAN

Life engineering using virtual organisms

OUR TECHNOLOGY

@iMEAN we mix **systems biology**, an approach taking into account causal biological mechanisms driving complex traits, **with a genomic selection model**.



metabolic and regulation networks



mathematical models



Innovative seeds

Conquer your market

we provide competitive edge for the client

Improving plant breeding process for complex traits

Prediction of crops **complex traits** is a main challenge during seed breeding processes, because they are inherited multigenically and are **affected by many biochemical pathways and regulatory networks**

We make it easy



Depending of your objectives, **our algorithm can optimise yield**, pathogen resistance, robustness to environmental variations, etc...

reduce cost
reduce time
complex traits optimised
objective of 10% increase

