

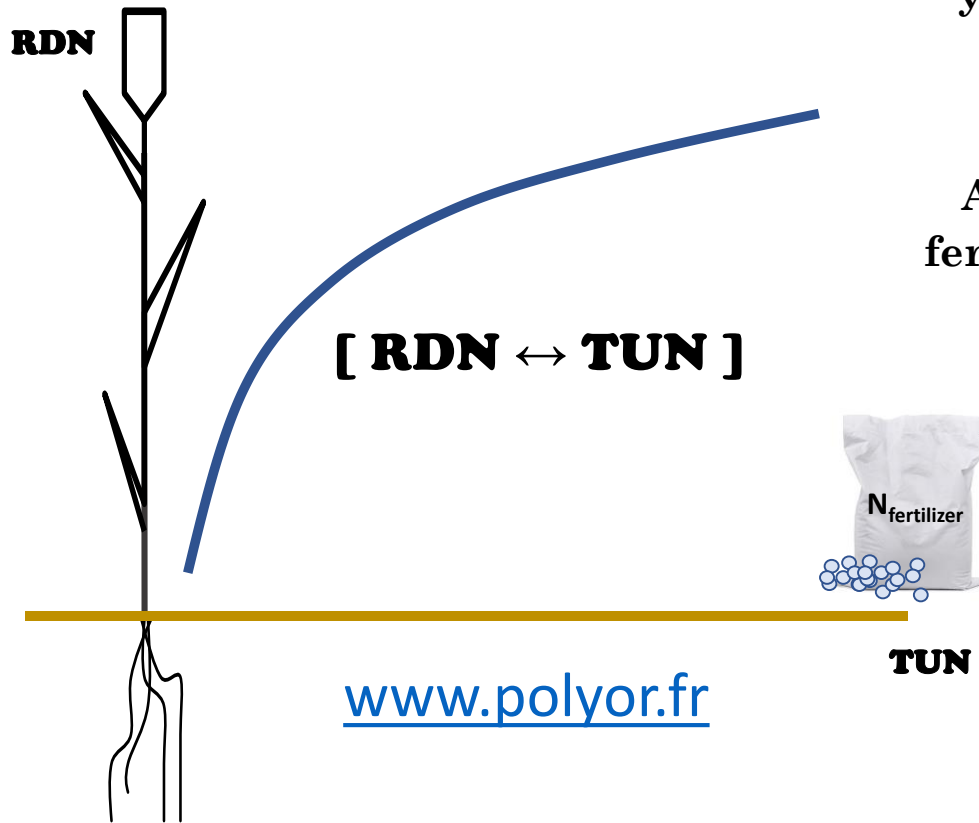
AgroNum™ – precise, simple & ergonomic



AgroNum is based on an artificial intelligence (AI) core algorithm, and a vast agro-pedoclimatic georeferenced database ;

- ✓ Applicable to all non-*Fabaceae* field-crops across Europe
- ✓ No soil sampling of the plot ...
- ✓ No drones, sensors, 5G ...
- ✓ No high-resolution satellite images ...
- ✓ No shapefiles ...
- ✓ No details on cropping practices or inputs ...

AgroNum™ : one field-plot → one $N_{\text{fertilizer}}$ response-curve



AgroNum pairs targeted RDN N-grain yields ($\text{kg-N}_g/\text{ha}$) and TUN nitrogen fertilization ($\text{kg-N}_f/\text{ha}$)

AgroNum selects sustainable $N_f\text{UE}$ fertilizer use efficiencies ($\text{kg-N}_g/\text{kg-N}_f$) neither too high/low

AgroNum™ : refundable nitrogen credits \equiv additionality

