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AgreenSkills
p l u s

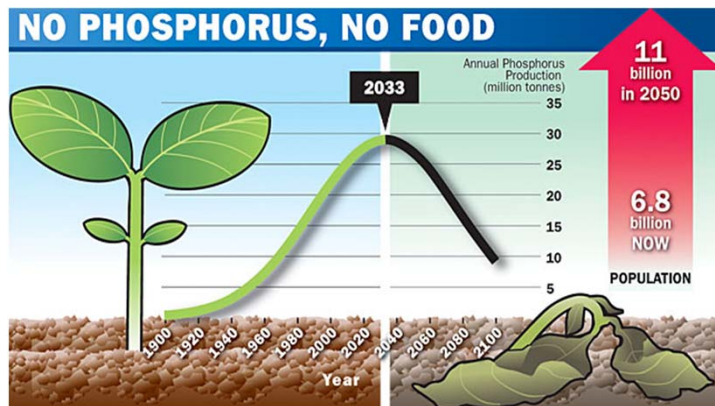
Pathways for inventive researchers

Phosphorus, zinc, and iron regulatory network

Hatem Rouached

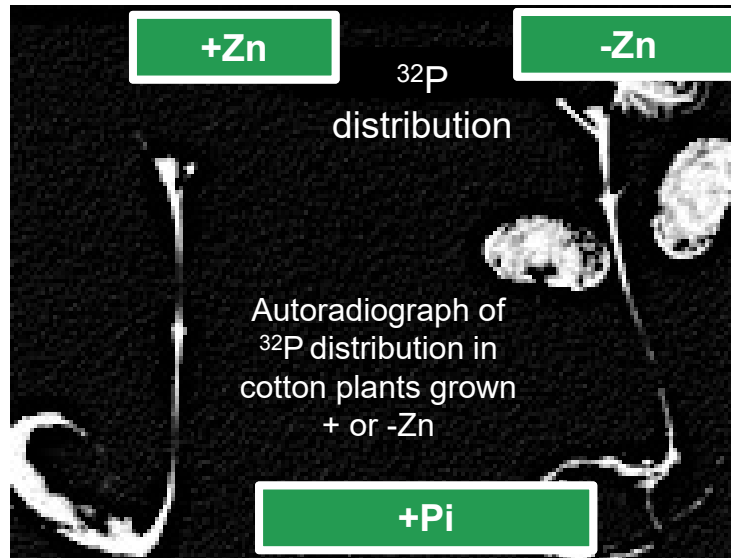
Host lab: Sue Rhee, Carnegie Institution for Science , Stanford, CA - USA

Phosphorus: the disappearing nutrient!

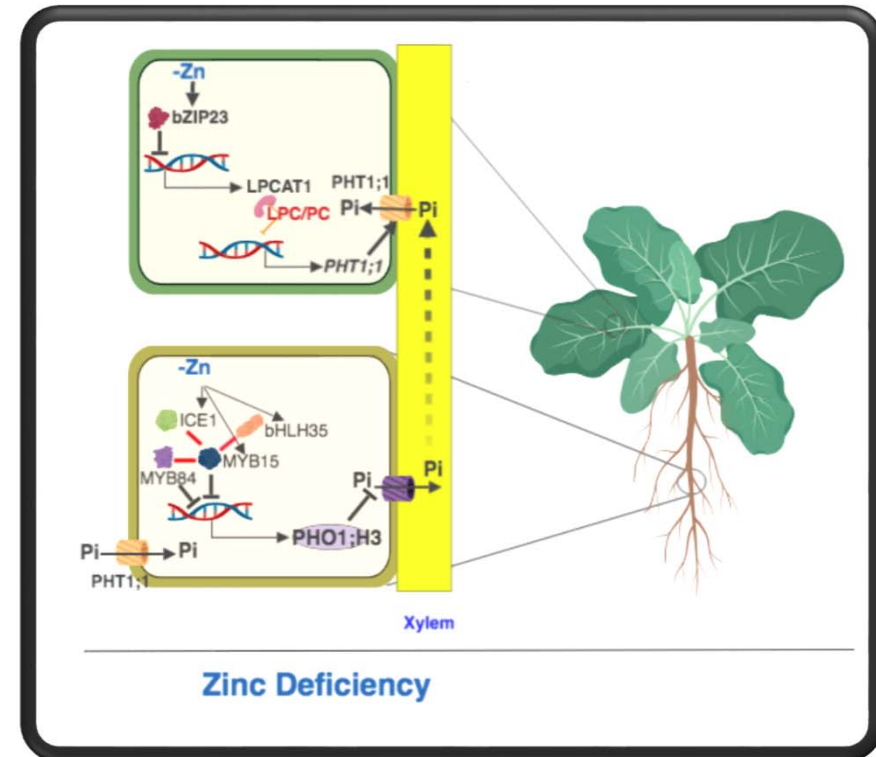


Phosphate and zinc homeostasis crosstalk

Cotton



Marschner and Cakmak. 1986



Zinc deficiency

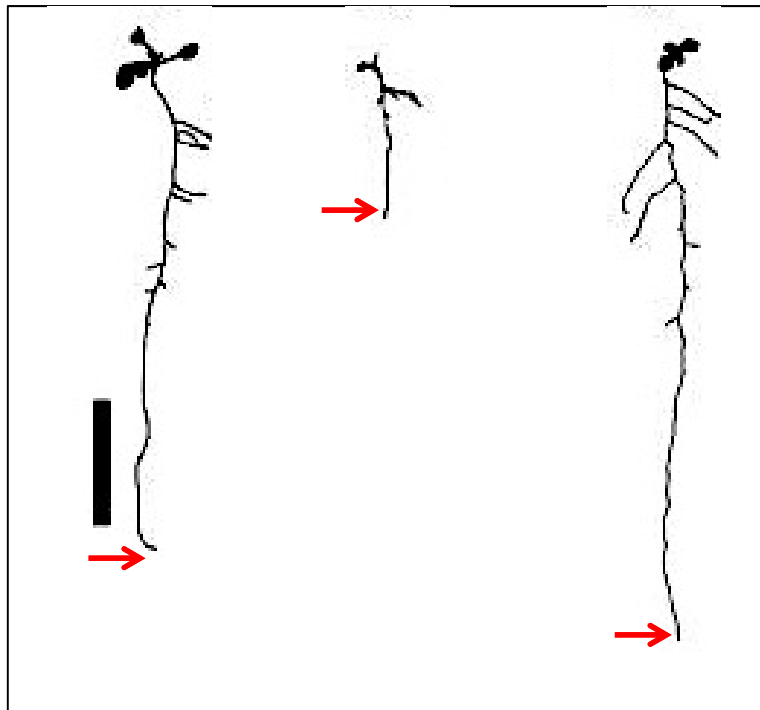
Xylem

Xylem

Phosphate and iron homeostasis crosstalk

Arabidopsis

+Pi+Fe -Pi+Fe -Pi-Fe



Ward et al., 2008

