Potassium and Nitrogen Use Efficiency (NUE)

Balanced fertilization with K is an immediate, low-cost tool to achieve higher NUE. A gain of 20% in NUE can be immediately achieved via balanced fertilization with K. Adequate K supply increases both N absorption and the conversion to amino acids and protein in plants, thus improving yield. Balanced fertilization with K increases crop yields and profits while enhancing NUE, for the protection of the environment.





Use of potassium improves yield and quality of crops by 20%



Use of potassium improves tolerance to pests and disease by **30-100%**



Use of potassium improves food security by 20%





IPI is a non-governmental and non-profit organisation with its headquarters in Horgen, Switzerland. Founded in 1952 by German and French potash producers, it is now supported by producers in Europe and the Near East. IPI carries out the major part of its work through a network of coordinators that work closely with researchers, government offices, extension and agribusiness. IPI's mission is to develop and promote balanced fertilization for the production of higher yields and more nutritious food, together with ensuring sustainability of production through conservation of soil fertility for future generations.



