



Jungbunzlauer

From nature to ingredients®

Highly concentrated potassium fertiliser

with Tripotassium Citrate

Tripotassium citrate, with its unique characteristics such as high solubility and low salt index, effectively provides potassium to crops through fertigation.

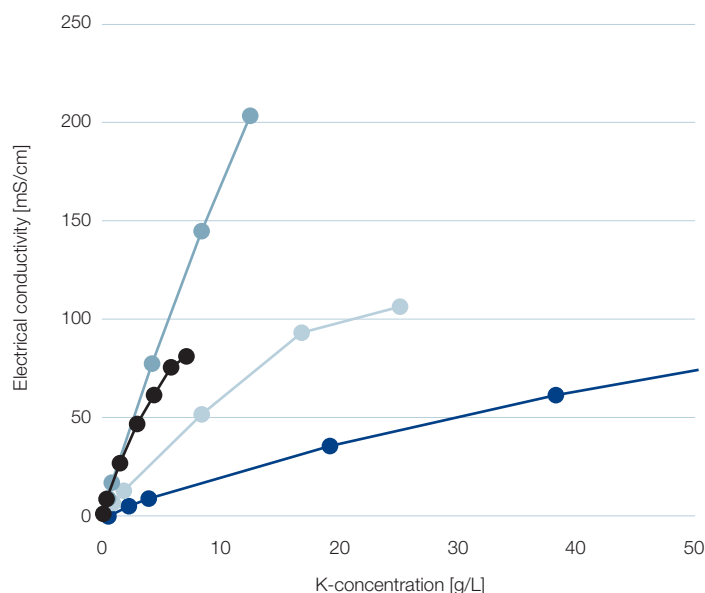
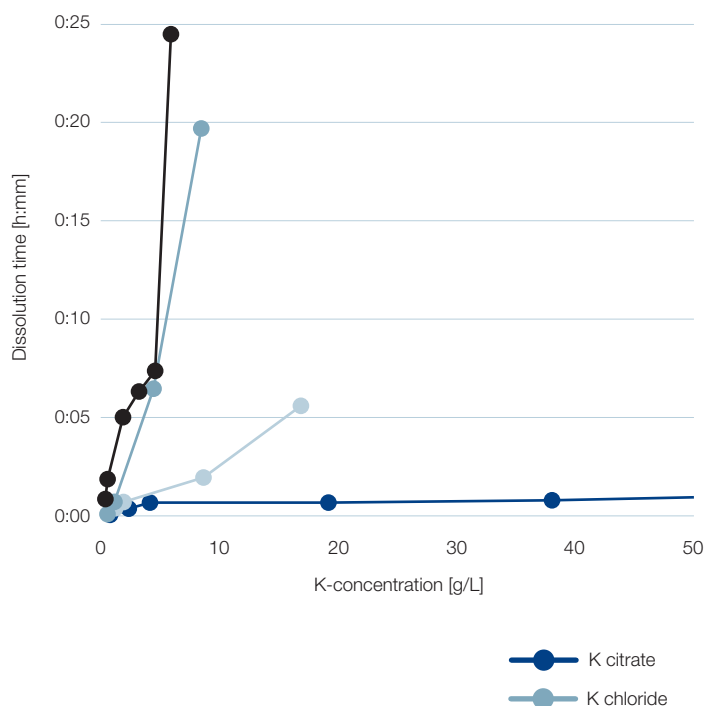
Benefits at a glance

High solubility and fast dissolution

Tripotassium citrate has a high solubility of 1780 g/L. Thereby, this special potassium fertiliser dissolves rapidly in water (in DI H₂O, 150 g/L tripotassium citrate completely dissolves within 1 min at 350 rpm stirring).

Low salt index

Compared to other potassium fertilisers, tripotassium citrate has a low salt index or electrical conductivity, respectively. Therefore, tripotassium citrate can be supplied to plants without any risk of salt burn.



Jungbunzlauer ingredients

Name	Tripotassium citrate
INCI	Potassium Citrate
Function	Fertiliser
Solubility	1780 g/L
Biodegradability ¹⁾	Readily biodegradable
CAS number	6100-05-6
EC number	212-755-5
REACH number	01-2119457580-38-0000

¹⁾ Method: OECD test guideline 301

Value proposition

Fast dissolution

- Tripotassium citrate dissolves quickly, even in high concentrations
- Advantages for application in fertigation systems:
 - can be added to nutrition solution without long stirring
 - no clogging of nozzles or pipes due to insoluble material

High solubility

- Tripotassium citrate features a high solubility (1780 g/L)
- A highly concentrated, liquid potassium fertiliser can be offered

Low salt index

- Tripotassium citrate expresses a low salt index or electrical conductivity, respectively
- Tripotassium citrate offers a high potassium loaded fertiliser with low risk of salt burn