



Knowledge grows

# YaraVita<sup>®</sup> SAFE K

## Foliar Potassium 34% K<sub>2</sub>O

A potassium fertilizer solution for foliar application.

Guaranteed Analysis: soluble in water	
Total Nitrogen (N)	3%
Soluble Potash (K <sub>2</sub> O)	34%
Derived from Urea, Potassium formate	

The information provided is accurate to the best of Yara's knowledge and belief. Any recommendations are meant as a guide and must be adapted to suit local conditions.

### The need for potassium

Potassium is involved in a number of metabolic processes in the plant (cell membrane structure, carbohydrate metabolism and energy accumulation and utilization as well as the transport of materials within the plant). Potassium reduces the impact to the plant from drought and frost, and even from disease and insect damage.

### Deficiency Symptoms

As potassium is mobile in the plant, the older leaves show deficiency symptoms while the youngest leaves can remain quite green and healthy. Plants deficient in potassium are slow growing and the stems are weak so the crop lodges more readily.



Potassium deficiency in wheat (left, right)



### Benefits

- Highly concentrated liquid potassium formulation for foliar application with superior plant uptake due to its low point of deliquescence.
- Fast acting and highly mobile within the plant.
- Formulated from potassium carbonate, so it is suitable for use on a wide range of crops because it does not contain chloride or nitrate.
- Formulated for safe application at critical growth stages to satisfy crop requirements.
- Widely tank mixable with other crop sprays. Visit [www.tankmix.com](http://www.tankmix.com) for details.
- Specifically designed to safely mix with lower pH products such as Hydrophos and Glytrel.



# Product Recommendations

## Typical Crop Recommendations\*

- **Apple:** 5 l/ha at bud burst. Also, two to three applications of 2 to 3 l/ha at 10 to 14 day intervals starting at petal fall. Water rate: 500 l/ha.
- **Pommiers:** 5 l/ha au stade débourrement. Aussi, deux ou trois applications de 2 à 3 l/ha à 10-14 jours d'intervalle en commençant dès le début de la chute des pétales. Volume d'eau: 500 l/ha.
- **Beans:** 5 l/ha before flowering. Water rate: 30 to 200 l/ha.
- **Haricots:** 5 l/ha avant floraison. Volume d'eau: 30 à 200 l/ha.
- **Grapevines:** 3 to 5 l/ha as soon as there is sufficient new season leaf growth to intercept a spray with up to two repeat applications at 10 to 14 day intervals prior to flowering and/or 3 to 5 l/ha at fruit set, pea-sized berries, first colour softening/one month before harvest. Water rate : 200 to 500 l/ha.
- **Vignes:** 3 à 5 l/ha dès que possible sur les nouvelles feuilles en début de saison avec applications répétées à 10 à 14 jours d'intervalle jusqu'au début floraison, et/ou 3 à 5 l/ha aux stades nouaison, fermeture de la grappe et début véraison/ un mois avant vendange. Volume d'eau: 200 à 500 l/ha.
- **Maize:** 5 l/ha at the 4 to 8 leaf stage. Water rate: 30 to 200 l/ha.
- **Maïs:** 5 l/ha au stade 4 à 8 feuilles. Volume d'eau: 30 à 200 l/ha.
- **Oilseed rape / canola:** 5 l/ha at the 4 to 6 leaf stage. Repeat as required for moderate to severe deficiency at 7 to 14 day intervals. Water rate: 200 l/ha.
- **Colza:** 5 l/ha au stade 4 à 6 feuilles. Répéter si nécessaire en cas de carence moyenne ou severe à 7 à 14 jours d'intervalle. Volume d'eau: 200 l/ha
- **Peas:** 5 l/ha before flowering. Water rate: 30 to 200 l/ha.
- **Pois:** 5 l/ha avant floraison. Volume d'eau: 30 à 200 l/ha.
- **Potatoes:** One application of 10 l/ha or two applications of 5 l/ha during tuber bulking (as soon as first-formed tubers are 10 mm in diameter). Allow 10 to 14 days between applications. Also, 5 l/ha following petiole analysis, during tuber bulking. Water rate: 200 l/ha.
- **Pomme de terre:** une application de 10 l/ha appliqués ou 2 applications de 5 l/ha à 10-14 jours d'intervalle pendant le grossissement des tubercules (dès que les premiers tubercules ont atteint 10 mm de diamètre). Aussi, les applications de 5 l/ha à 10-14 jours d'intervalle pendant le grossissement des tubercules peuvent être répétées si nécessaire (selon analyse pétiole, etc...). Volume d'eau: 200 l/ha.
- **Soya bean:** 3 l/ha when the crop is 10 to 15 cm tall. Water rate: 30 to 200 l/ha.
- **Soja:** 3 l/ha au stade 10 à 15 cm. Volume d'eau: 30 à 200 l/ha.
- **Wheat:** 5 l/ha from mid-tillering to 2nd node detectable (Zadoks G.S. 25 to 32). Repeat at 10 to 14 day intervals between these growth stages as necessary. Water rate: 200 l/ha.
- **Blé:** 5 l/ha du stade mi-tallage jusqu'au stade deuxième noeud décelable (Zadok's 25-32). Répéter à 10 à 14 jours d'intervalle entre ces stades si nécessaire. Volume d'eau: 200 l/ha

\*The information provided is accurate to the best of Yara's knowledge and belief. Any recommendations are meant as a guide and must be adapted to suit local conditions. No guarantee as to, or responsibility for their accuracy can be accepted and no statement herein is to be treated as a representation or warranty.