



K Express 3-0-50

Highly concentrated source of potassium for foliar application. It is chloride free and chelated to enhance uptake by plant leaves and fruits. Apply 3-4kg/ha ideally in 3-4 applications. Good compatibility with pesticides.

It is known that application of potash increases plant height, crop vigour and imparts resistance against drought, frost and diseases.

- **Potash Development Association April 2019** : *“It cannot be ignored that large parts of the UK have significant soil moisture deficits currently, and although not yet causing significant problems unless on particularly light land, if this continues it will have implications for nutrient uptake and subsequently yield and quality”.*
- Potassium promotes rooting to greater depths increasing water uptake by the plant. It also regulates opening of leaf stomata and maintains cell turgour.
- Response of maize to potash application (Barber, S.A. (1971).

K ₂ O rate kg/ha	Good Growing year t/ha	Stress year t/ha
0	10.96	5.45
50	10.96	7.6
100	11.23	8.14
Response to K	0.27	2.69

- In dry conditions K requirement may be greater than the roots can absorb from the soil.
- Application of K increases plant height, crop vigour and imparts resistance against drought, frost and diseases.
- Potassium increases leaf expansion particularly at early stages of growth and extends leaf area duration by delaying leaf shedding near maturity.

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