

# CHLORIDE-FREE LIQUID NPK FERTILISERS (LGV)



These products provide comprehensive fertilisation throughout the various stages of crop growth via irrigation. Their main characteristic is that they contain no chlorides, or only trace amounts.

They can be used in any localised irrigation system, as they do not cause any issues with precipitation; when used regularly, they help to remove limescale build-up from the circuits. Due to its acidic nature, FERTILUQ LGV adjusts the pH of the water, typically bringing it to around 6.5, which is the optimum level for nutrient uptake.

## PRODUCT FEATURES

- Due to its acidic nature, no precipitation occurs even in very hard water containing significant amounts of calcium and magnesium.
- Acidic pH < 1.5.
- Average density  $\approx$  1.2.
- Resistant to crystallisation when left for 24 hours at 0°C and, on occasion, at temperatures as low as -5°C.

## APPLICATION DOSAGE

The recommended application rate should be between 0.05% and 0.1%, so that the total amount of fertiliser to be used is evenly distributed throughout the total volume of irrigation water.

**The recommended doses are provided as a guide and as a basis for correct fertilisation; however, as there are numerous factors that can influence this, we recommend seeking advice from our Agricultural Technical Department.**

## PRECAUTIONS FOR USE

The product is slightly corrosive, so it is recommended that you avoid direct contact with it, wear suitable protective clothing and gloves, and use safety goggles or a face shield to prevent splashes. Contact with the eyes or skin may cause irritation.

It is recommended that the product be stored in a dry place, protected from temperatures below -5°C, and that tanks made of stainless steel (AISI 316), glass-reinforced polyester, polyethylene or polypropylene be used. You should also avoid contact between the product and metal surfaces other than stainless steel, and use pipes, pumps and other equipment made of plastic, stainless steel, PVC, polyester, polyethylene or polypropylene.

## RATINGS

PRODUCT	NITROGEN (N)				PHOSPHORUS PENTOXIDE (P <sub>2</sub> O <sub>5</sub> )	POTASSIUM OXIDE (K <sub>2</sub> O)
	AMMONIACAL	NITRIC	UREIC	TOTAL		
FERTILUQ LGV 2.5-4-8 +1% MgO	-	2.5% w/w	-	2.5% w/w	4% w/w	8% w/w
FERTILUQ LGV 2.5-4-8 +1% CaO	-	2.5% w/w	-	2.5% w/w	4% w/w	8% w/w
FERTILUQ LGV 3-0-8	-	3.0% w/w	-	3% w/w	-	8% w/w

**LUQSA can meet any formulation requirement, subject only to the limitations arising from chemical incompatibility between its components.**

