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Technical Data Sheet

Product Name	BAST NPK PLUS 90-90-90
Description	A liquid NPK fertilizer
Appearance	dark green liquid
Solubility	100%
Typical pH	5,5-7,5
Typical Density	1.22±0.05 g/cm ³
Typical Analysis	90 g/l - nitrogen (N) 90 g/l - phosphorous pentoxide (P ₂ O ₅) 90 g/l - potassium (K ₂ O) 14 g/l - sulfur (SO ₃) 25 g/l - L-amino acids 15 g/l - organic acids 6 g/l - zinc (Zn)* 2.4 g/l - iron (Fe)* 1.2 g/l - copper (Cu)* 1.2 g/l - manganese (Mn)* 1.2 g/l - boron (B) 0.6 g/l - molybdenum (Mo) *chelated EDTA
Packing	1 l, 5 l, 10 l

APPLICATION RATES AND TIMINGS

CROPS	BAST NPK PLUS 90-90-90
CEREALS	<p>Foliar application: 2 l/ha at tillering stage up flag leaf. If necessary, repeat at 10 to 14 day intervals. Water rate: 200-300 l/ha.</p> <p>Soil application: at sowing 70-90 l/ha, application in inter-rows 20-50 l/ha.</p>
VEGETABLES (FIELD GROWN)	<p>Foliar application: 2-3 l/ha at 4 - 6 leaf stage. A re-application can be made 10 - 14 days later. Water rate: 200-300 l/ha.</p> <p>Soil application: at sowing 35-100 l/ha, application in inter-rows 20-50 l/ha.</p>
MAIZE	<p>Foliar application: 2-4 l/ha at 3 - 5 leaf stage. If necessary, repeat at 14 to 20 day intervals up the pre-tassel stage. Water rate: 200-300 l/ha.</p> <p>Soil application: at sowing 10-50 l/ha, application in inter-rows 20-50 l/ha.</p>
SUNFLOWER	<p>Foliar application: 2-4 l/ha up to the start of flowering. If necessary, repeat at 10 to 14 day intervals during this period. Water rate: 200-300 l/ha.</p> <p>Soil application: at sowing 30-50 l/ha, application in inter-rows 20-50 l/ha.</p>
PEAS, BEANS, SOYA	<p>Foliar application: 2-4 l/ha up to the start of flowering. If necessary, repeat at 10 to 14 day intervals. Water rate: 200-300 l/ha.</p> <p>Soil application: at sowing 10-50 l/ha, application in inter-rows 20-50 l/ha.</p>
OILSEED RAPE	<p>Foliar application: 2 l/ha at the 'rosette' stage in the spring (8-10 leaf). If necessary, repeat at 10 to 14 day intervals. Water rate: 200-300 l/ha.</p> <p>Soil application: at sowing 10-50 l/ha, application in inter-rows 20-50 l/ha.</p>
POTATOES	<p>Foliar application: 0.5-1.0 l/ha at to the bud stage. If necessary, repeat applications after flowering. Water rate: 300-400 l/ha.</p> <p>Soil application: at sowing 35-90 l/ha, application in inter-rows 20-50 l/ha.</p>
SUGAR BEET	<p>Foliar application: 1-2 l/ha at 4 - 6 leaf stage. If necessary, repeat application the leaves closing stage in the rows and in the spaces between the rows. Water rate: 300-400 l/ha.</p> <p>Soil application: at sowing 35-90 l/ha, application in inter-rows 20-50 l/ha.</p>
CARROT, CELERY	<p>Foliar application: 1-2 l/ha at 3 true leaves stage.</p> <p>2-2.5 l/ha at the active tuber expansion continues stage. Water rate: 200-300 l/ha.</p> <p>Soil application: at sowing 35-90 l/ha, application in inter-rows 20-50 l/ha.</p>
Fertigation	
All CROPS	5 l/1000 liters of water. The total fertilizer consumption is 50-100 l/ha during the vegetation period.