

## Technical Data Sheet

Product Name	BAST NPK PLUS 35-105-210
Description	Liquid NPK fertilizer with increased potassium content
Appearance	turquoise liquid
Solubility	100%
Typical pH	7,0-9,0
Typical Density	1.35±0.05 g/cm <sup>3</sup>
Typical Analysis	35 g/l - nitrogen (N) 105 g/l - phosphorous pentoxide (P <sub>2</sub> O <sub>5</sub> ) 210 g/l - potassium (K <sub>2</sub> O) 20 g/l - L-amino acids 60 g/l - organic acids 2.0 g/l - manganese (Mn)* 1.5 g/l - boron (B) 0.6 g/l - zinc (Zn)* 0.6 g/l - copper (Cu)* 0.5 g/l - iron (Fe)* 0.25 g/l - molybdenum (Mo) *chelated EDTA
Packing	1 l, 5 l, 10 l

## APPLICATION RATES AND TIMINGS

BAST NPK PLUS 35-105-210 Foliar application	
<b>CROPS</b>	
<b>CEREALS</b>	2-4 l/ha at start tillering stage. If necessary, repeat at 10 to 14 day intervals. Water rate: 200-300 l/ha
<b>VEGETABLES (FIELD GROWN)</b>	2-4 l/ha 2-3 applications during growth cycle at 10 to 14 day intervals. Water rate: 200-300 l/ha
<b>MAIZE</b>	2-4 l/ha at 8 - 10 leaf stage. If necessary, repeat at 10 to 14 day intervals. Water rate: 200-300 l/ha.
<b>SUNFLOWER</b>	2-4 l/ha at 8 -10 leaf stage up to flower bud stage. If necessary, repeat at 10 to 14 day intervals. Water rate: 200-300 l/ha.
<b>PEAS, BEANS, SOYA</b>	2-4 l/ha at the beginning of pod setting If necessary, repeat at 10 to 14 day intervals. Water rate: 200-300 l/ha.
<b>OILSEED RAPE</b>	2-4 l/ha at 8 - 10 leaf stage. If necessary, repeat at 10 to 14 day intervals. Water rate: 200-300 l/ha.
<b>POTATOES</b>	2-4 l/ha up to flower stage. If necessary, repeat at 10 to 14 day intervals. Water rate: 200-300 l/ha.
<b>FRUIT TREES, GRAPES</b>	3-5 l/ha. First applications before flowering, second applications three weeks before harvest. If necessary, repeat 2-3 times at intervals of 10-14 days.
<b>SUGAR BEET</b>	2-4 l/ha at 8 - 10 leaf stage. If necessary, repeat at 10 to 14 day intervals. Water rate: 200-300 l/ha.

Fertigation	
<b>ALL CROPS</b>	5 l/1000 liters of water. The total fertilizer consumption is 50-100 l/ha during the vegetation period.

## APPLICATION RATES AND TIMINGS

Soil application	
<b>CEREALS</b>	at sowing 70-90 l/ha, application in inter-rows 30-50 l/ha.
<b>VEGETABLES (FIELD GROWN)</b>	at sowing 35-100 l/ha, application in inter-rows 30-50 l/ha.
<b>MAIZE</b>	at sowing 20-90 l/ha, application in inter-rows 30-50 l/ha.
<b>SUNFLOWER</b>	at sowing 30-50 l/ha, application in inter-rows 30-50 l/ha.
<b>OILSEED RAPE PEAS, BEANS, SOYA</b>	at sowing 10-50 l/ha, application in inter-rows 30-50 l/ha.
<b>POTATOES</b>	at sowing 35-90 l/ha, application in inter-rows 30-50 l/ha.