

Technical Data Sheet

| Product Name | BAST NPK PLUS 45-200-65 |
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| Description | A liquid NPK fertilizer with increased phosphorus content |
| Appearance | turquoise liquid |
| Solubility | 100% |
| Typical pH | 5,5-7,0 |
| Typical Density | 1.33±0.05 g/cm ³ |
| Typical Analysis | 45 g/l - nitrogen (N) 200 g/l - phosphorous pentoxide (P ₂ O ₅) 65 g/l - potassium (K ₂ O) 50 g/l - organic acids 20 g/l - L-amino acids 10 g/l - sulfur (SO ₃) 5.0 g/l - zinc (Zn)* 2.7 g/l - boron (B) 1.0 g/l - copper (Cu)* 0.6 g/l - manganese (Mn)* 0.3 g/l - iron (Fe)* 0.1 g/l - molybdenum (Mo) *chelated EDTA |
| Packing | 1 l, 5 l, 10 l |

APPLICATION RATES AND TIMINGS

| BAST NPK PLUS 45-200-65 Foliar application | |
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| CROPS | |
| CEREALS | For winter crops - in autumn 2-5 l/ha at tillering stage, in the spring: at the beginning of the vegetation 2-5 l/ha. If necessary, repeat at 10 to 14 day intervals. Water rate: 200-300 l/ha. |
| VEGETABLES (FIELD GROWN) | 2-5 l/ha 7 days after planting seedlings. If necessary, repeat with an interval of 10-14 days. Water rate: 200-300 l/ha. |
| MAIZE | 2-5 l/ha at 3 - 5 leaf stage. If necessary, repeat at 14 to 20 day intervals. Water rate: 200-300 l/ha. |
| SUNFLOWER | 2-5 l/ha at 4 - 6 leaf stage. If necessary, repeat at 10 to 14 day intervals. Water rate: 200-300 l/ha. |
| PEAS, BEANS, SOYA | 2-5 l/ha at 3 - 5 trifoliate leaf stage up to the start of flowering. If necessary, repeat at 10 to 14 day intervals. Water rate: 200-300 l/ha. |
| OILSEED RAPE | 2-5 l/ha. Autumn application at 4-9 true leaves; spring application at stem extension (regrowth) If necessary repeat at 10 to 14 day intervals. Water rate: 200-300 l/ha. |
| FRUIT TREES, GRAPES | 3-6 l/ha at green bud, at start of flowering and during fruit formation and growth stage. Water rate:- 500-1000 l/ha |
| SUGAR BEET | 2-5 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 l/ha. |

FERTIGATION

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| All CROPS (field grown) | 5 l/1000 liters of water. The total fertilizer consumption is 50-100 l/ha during the vegetation period. |
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SOIL APPLICATION

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| All CROPS (field grown) | at sowing 10-60 l/ha, application in inter-rows 30-50 l/ha. |
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