

DAP-18-46

Diammonium phosphate



Illustrative packaging and material visuals. Actual packaging, colour and particle size may vary by batch.

18-46-0

Concentrated nitrogen and phosphorus for root development and early crop establishment.

Packaging: 50 kg

Product highlights

- Root establishment
- Concentrated nutrient grade
- Basal nutrition programmes

A granular fertilizer for basal nutrition programmes. Its phosphorus-rich grade supports planning where soil analysis identifies a phosphorus requirement.

Reference nutrient analysis

Total N + P ₂ O ₅	64.0% minimum
Total nitrogen (N)	18 ± 0.3%
Ammonium nitrogen	16 ± 0.3%
Citrate-soluble P ₂ O ₅	46 ± 0.2%
Water-soluble P ₂ O ₅	41 ± 0.2%
Moisture	1 ± 0.1%
Physical form	Granular

18%

N

46%

P₂O₅

0%

K₂O

Declared N–P₂O₅–K₂O grade, shown as percentages by mass. This chart describes composition, not crop performance.

Reference product values. Request the current batch analysis and product label before ordering. Request the current batch analysis, label and safety data sheet before ordering.

DAP-18-46

Product information

Application & crop planning

Plan the application rate using soil and, where appropriate, leaf analysis. Crop, growth stage, irrigation and local conditions determine the programme. Ask an agronomist to confirm the dose and compatibility before mixing.

Storage & handling

Keep in the original, closed packaging in a dry, ventilated place. Protect from moisture and direct heat. Store away from food, feed and children. Follow the product label and request the safety data sheet for handling guidance.

Packaging & delivery

Specify the product, required tonnage, preferred packaging and delivery destination. Packaging options, batch origin, lead time and freight terms are confirmed in the written quotation.

Product questions

What does 18-46-0 mean?

The grade declares 18% nitrogen, 46% phosphorus expressed as P_2O_5 , and no declared potassium as K_2O . Check the offered batch analysis for the detailed specification.

When is DAP considered in a nutrition programme?

It can be considered for basal nutrition where the soil analysis and crop plan identify a phosphorus requirement. Timing and placement need an agronomic recommendation.

Can DAP replace all other fertilizer inputs?

No. The grade does not supply a declared potassium component and does not describe every crop requirement. Assess the complete nutrient balance.

How much should I apply?

There is no universal rate. Share the crop, area, soil analysis and growth stage with an agronomist before deciding the dose.

What yield increase can I expect?

No crop-specific trial results have been supplied for this catalogue. Nutrient percentages are not yield gains. Request relevant field-trial evidence before relying on a quantified performance claim.

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Reference catalogue. Batch specifications, availability and delivery terms are confirmed in the quotation.