



Chemo International

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100% DPK (di-potassium phosphate) and Orthophosphate.

CROPWORKS

CropWorks 3-18-18 is a classic agricultural formulation designed for high leaf availability. Unlike some other products on the market, CropWorks 3-18-18 is derived from di-potassium phosphate (DKP). This is significant because the use of DKP results in a neutral pH and a low salt index. More importantly, the use of DKP means that 100% of the phosphate is the available form plant (orthophosphate). This unique formulation increases nutrient availability and has been shown to be more compatible tank mix, especially when hard water is used.

CropWorks 0-20-20 is pure potassium phosphate (DKP) and like CropWorks 3-18-18, it is also 100% orthophosphate for maximum availability. Both analyzes are produced in our state of the art reactor system with strictly controlled temperatures and accuracy up to +/- 0.0008% and the final product is filtered down to 20 microns.



ORTOPHOSPHATE: PHOSPHOROUS AVAILABLE FOR PLANTS

Plants absorb phosphates mainly in the form of orthophosphate (H_2PO_4), so orthophosphate is immediately available for absorption. Other condensed forms of phosphate, such as pyrophosphate and polyphosphate, require a conversion driven by hydrolysis to become available to plants. This conversion rate depends on temperature, soil pH, aerobic status, biological activity, soil texture and minerals present in the soil. Studies have shown that this conversion can take several days, up to 100 days in extreme cases.

CropWorks 3-18-18 and CropWorks 0-20-20 are unique in that ALL phosphate is in the form of orthophosphate immediately available, ensuring maximum delivery of nutrients regardless of environmental conditions.

GUARANTEED ANALISYS W/V

CropWorks 3-18-18

Total Nitrogen (N)	3.0%
0.73% amoniacal	
0.73% nitrate	
1.54% ureic	

Available phosphorous (P2O5)	18.0%
Potasio (K2O)	18.0%

Derived from: urea ammonium nitrate and dipotassium phosphate

Weight per gallon: 11.4 lbs. Salt Index: 35 pH: 6.7

CropWorks 0-20-20

Available phosphorous (P2O5)	20.0%
Potassium (K2O)	20.0%

Derived from: urea ammonium nitrate and dipotassium phosphate

Weight per gallon: 11.7 lbs. Salt Index: 35 pH: 6.8



Chemo Agriculture

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MADE IN THE U.S.A.

