

MANUFACTURER'S NAME AND ADDRESS

VMU Branch of Uralchem JSC in Voskresensk
Zavodskaya 1, Voskresensk,
Moscow Oblast, Russia, 140200
Tel.: +7 (496) 444-00-92
Fax: +7 (496) 444-02-73
E-mail: vmu@uralchem.com

Water-soluble NPK fertiliser with micronutrients Universal 18-18-18+3MgO+TE, Universal 19-19-19+TE, Universal 20-20-20+TE

NPK fertiliser Universal are excellent water-soluble balanced NPK fertilisers were developed for complex plant feeding at all growth stages. It ensures correct development of plants throughout entire vegetation period. It is efficient during stress periods (drought, water logging, damage caused by diseases and pests, etc.). The product is made from ecologically clean raw materials and contains no sodium, chlorine and heavy metals. The fertiliser quickly dissolves in water. It is intended to use in greenhouses, open field and foliar application.

	18-18-18 +3MgO +TE	19-19-19 +TE	20-20-20 +TE
Appearance	Crystal powder or crystal powder with granules		
Total Nitrogen (N), %	18 ± 2	19 ± 2	20 ± 2
- ammoniacal nitrogen (N-NH ₄), %	3.6 ± 1	8.5 ± 1	4 ± 1
- nitric nitrogen (N-NO ₃), %	5.4 ± 1	10.5 ± 1	6 ± 1
- amide nitrogen (N-NH ₂), %	9 ± 1	-	10 ± 1
Water-soluble Phosphates (P ₂ O ₅), %	18 ± 2	19 ± 2	20 ± 2
Water-soluble Potassium (K ₂ O), %	18 ± 2	19 ± 2	20 ± 2
Water-soluble Magnesium (MgO), %	3.0 ± 0.5	-	-
Moisture, %, max	0.5	0.5	0.5
Insoluble residue, %, max	0.1	0.1	0.1
MICROELEMENTS (* – IN CHELATED FORM, EDTA), %, MIN.:			
- Boron (B)		0.02	
- Copper (Cu)*		0.01	
- Iron (Fe)*		0.10	
- Manganese (Mn)*		0.05	
- Molybdenum (Mo)		0.01	
- Zinc (Zn)*		0.01	
Granulometry:			
under 1 mm, min, %	-	90	90
under 6 mm, %	100	100	100
Free flowing, %	100	100	100

Packaging, transportation and storage:

Packaging: 25 kg bags.

Transportation: by rail, road and water transport.



The management system of the production site is certified to ISO 9001, ISO 14001 and ISO 45001