



Shanghai SinoGreatland Industrial Co., Ltd



Product Name: EDDHA-Fe 6%(螯合铁肥)

Molecular Formula: C₁₈H₁₆FeN₂NaO₆

CAS No.: 16455-61-1

Grade Standard: Agriculture Grade/Industry Grade

Ortho-Ortho Fe: 1.8 / 2.0 / 3.0 / 3.6 / 4.2 / 4.8

Inspection Item	Standard
Iron Chelated	6% min
Ortho-Ortho Fe	1.8-4.8
Effective PH Range	4-11
PH(1% water solution)	7-9
Heavy Metal	≤30ppm
Solubility	60g/L (20℃)
Appearance	Red-brown powder or granules
Packing: 25kg bag, 1kg/500g alu bag with box etc.	





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Product Name: EDTA-Ca/Cu/Fe/Mn/Zn

Grade Standard: Agriculture Grade

Fertilizer type: Chelated fertilizers/Organic fertilizer

Packing: 25kg/bag

Product	Photo	Product	Photo
EDTA Ca 10%		EDTA Zn 15%	
EDTA Cu 15%		EDTA Mg 6%	
EDTA Fe 13%		EDTA mixture	



Product Name: NPK water soluble fertilizer (powder)

Grade Standard: Agriculture Grade

Packing: 25kg/50kg/100kg bag etc.

Inspection Item	Balanced type	High nitrogen type	Promoting fruit type	High potassium type
Nitrogen,%	≥20	≥30	≥10	≥0
Phosphorus,%	≥20	≥15	≥15	≥5
Potassium,%	≥20	≥10	≥31	≥48
EDTA-Fe,%	≥1000PPM	≥1000PPM	≥1000PPM	≥1000PPM
EDTA-Mn,%	≥500PPM	≥500PPM	≥500PPM	≥500PPM
EDTA-Zn,%	≥100PPM	≥100PPM	≥100PPM	≥100PPM
EDTA-Cu,%	≥100PPM	≥100PPM	≥100PPM	≥100PPM
Appearance	Crystal white/blue/purple/pink/green powder			



Product Name: NPK water soluble fertilizer
(Granular)

Grade Standard: Agriculture Grade

Packing: 25kg/50kg/100kg bag etc.

Inspection Item	Balanced type	High nitrogen type	Promoting fruit type	High potassium type
Nitrogen, %	≥20	≥30	≥10	≥0
Phosphorus, %	≥20	≥15	≥15	≥5
Potassium, %	≥20	≥10	≥31	≥48
EDTA-Fe, %	≥1000PPM	≥1000PPM	≥1000PPM	≥1000PPM
EDTA-Mn, %	≥500PPM	≥500PPM	≥500PPM	≥500PPM
EDTA-Zn, %	≥100PPM	≥100PPM	≥100PPM	≥100PPM
EDTA-Cu, %	≥100PPM	≥100PPM	≥100PPM	≥100PPM
Appearance	Crystal white/blue/purple/pink/green Granular			



Product Name: NPK water soluble fertilizer (Liquid)

Grade Standard: Agriculture Grade

Packing: 25kg/50kg/100kg bag etc.

Inspection Item	Balanced type	High nitrogen type	Promoting fruit type	High potassium type
Nitrogen, %	≥20	≥30	≥10	≥0
Phosphorus, %	≥20	≥15	≥15	≥5
Potassium, %	≥20	≥10	≥31	≥48
EDTA-Fe, %	≥1000PPM	≥1000PPM	≥1000PPM	≥1000PPM
EDTA-Mn, %	≥500PPM	≥500PPM	≥500PPM	≥500PPM
EDTA-Zn, %	≥100PPM	≥100PPM	≥100PPM	≥100PPM
EDTA-Cu, %	≥100PPM	≥100PPM	≥100PPM	≥100PPM
Appearance	White/blue/purple/pink/green liquid			



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Product Name: NPK Compound/Complex Fertilizer

Grade Standard: Agriculture Grade

Packing: 9.5kg/25kg/50kg PP plastic woven with PE inner bag Customized packing is available

Typical Formulations:

NPK Balance	NPK 14-14-14 NPK 15-15-15 NPK 16-16-16 NPK 17-17-17
High-Nitrogen	NPK 20-10-10 NPK 30-09-09 NPK 25-05-05 NPK 22-06-12
	NPK 19-12-19 NPK 18-18-05 NPK 16-16-08 NPK 27-12-18 etc
High-Phosphate	NPK 12-24-12 NPK 11-22-16 NPK 14-23-14 NPK 18-18-05
	NPK 10-20-20 NPK 16-16-08 NPK 10-20-10 NPK 08-22-20 etc.
High-Potash	NPK 12-12-17 NPK 12-11-18 NPK 15-05-20 NPK 10-20-20
	NPK 19-12-19 NPK 27-12-18 NPK 12-08-16 NPK 13-13-20 etc.

CAS NO.		66455-26-3
CHEMICAL FORMULA		N-P ₂ O ₅ -K ₂ O
HS CODE	Gross-weight less than 10kgs Per package	31051000.90
	Gross-weight more than 10kgs Per package	31052000.00



Product Name: Sodium Humate(腐植酸钠)

Grade Standard: Agriculture/Industry/Animal Husbandry Grade

Packing: 25kg/50kg/100kg bag etc.

Storage: Store in sealed, cool and dry place.

Product	Sodium Humate	Sodium Humate for Animal	Super Sodium Humate
Appearance	Black Powder	Black Powder	Black Powder
Water Solubility(Dry basis)	75.0% min	75.0%min	95.0% min
Humic Acid(Dry basis)	60.0% min	60.0% min	70.0% min
Moisture	15.0% max	12.0% max	12.0% max
PH	8.0-11.0	9.0-11.0	9.0-11.0
0.5mm Sieve Residue	5.0% max	5.0% max	5.0% max



Product Name: Potassium Fulvate(黄腐酸钾)

Grade Standard: Agriculture Grade

Packing: 25kg/50kg/100kg bag etc.

Storage: Store in sealed, cool and dry place.

Product	Potassium Fulvate Type I	Fulvate K	Potassium Fulvate Type II	Fulvic Aid 30°/50°	Liquid Fulvic Acid
Appearance	Black Granule/Powder	Black Powder	Black Powder	Black Powder	/
Water Solubility(Dry basis)	95.0%min	98.0%min	95.0%min	98.0%min	/
Humic Acid(Dry basis)	65.0%min	60.0%min	50.0%min	40.0%min	12.0%min
Fulvic Acid(Dry basis)	20.0%min	30.0%min	40.0%min	50.0%min	10.0%min
K20(Dry basis)	12.0%min	12.0%min	12.0%min	12.0%min	2.0%min
Moisture	15.0%max	15.0%max	15.0%max	15.0%max	/
PH	8.0-11.0	7.0-11.0	8.0-11.0	7.0-11.0	9.0-11.0
Size Rate(0.2- 1mm)	95.0%min	/	/	/	/
Hard Water Resistance	/	22DH°	/	30/50DH°	/



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Product Name: Humic Acid(腐殖酸)

Grade Standard: Agriculture/Industry/Animal Husbandry Grade

Packing: 25kg/50kg/100kg bag etc.

Storage: Store in sealed, cool and dry place.

Product	Humic Acid Powder	Humic Acid Granular
Appearance	Black Brown Powder	Black Brown Granule
Organic Matter(Dry basis)	80.0% min	80.0%min
Humic Acid(Dry basis)	65.0% min	65.0% min
Moisture	15.0% max	15.0% max
PH	3.5-6.0	3.5-6.0
0.5mm Sieve Residue	5.0% max	/
Size Rate(2.0-5.0mm)	/	90.0% min
Appearance	Black Brown Powder	Black Brown Granule



Product Name: Potassium Humate(腐殖酸钾)

Grade Standard: Agriculture/Industry Grade

Packing: 25kg/50kg/100kg bag etc.

Storage: Store in sealed, cool and dry place.

Product	Potassium Humate		Super Potassium Humate	
	Powder	Crystal	Powder	Crystal
Appearance	Black Powder	Black Crystal	Black Powder	Black Crystal
Water Solubility (Dry basis)	75.0% min	75.0%% min	95.0%% min	95.0%% min
Humic Acid (Dry basis)	60.0% min	60.0% min	70.0% min	70.0% min
K2O (Dry basis)	12.0%min	12.0% min	12.0% min	12.0% min
Moisture	15.0% max	15.0% max	15.0% max	15.0% max
PH	8.0-11.0	8.0-11.0	8.0-10.0	8.0-10.0
0.5mm Sieve Residue	5.0% max	/	5.0% max	
Size Rate(1.0- 2.5mm)	/	90.0% min		90.0% min
Size Rate(2.0-5.0mm)	/	90.0% min		

Agrogreat

PULI-Yuan-Balance

HA+FA $\geq$ 140g/L

N+P₂O₅ $\geq$ 210g/L



RESULT OF CHEMICAL ANALYSIS

Item	Result (w/v)	Result (w/w)
Appearance	Dark brown liquid	Dark brown liquid
Humic Acid	70g/L	5.83%
Fulvic Acid	70g/L	5.83%
N	70g/L	5.83%
P ₂ O ₅	70g/L	5.83%
K ₂ O	70g/L	5.83%
Organic matter	70g/L	5.83%
Carbon organic	58g/L	4.83%
pH(1% Solution) at 25℃	6.5-7.5	6.5-7.5



Dosage/Fertigation

Crop	Application date	L/ha/Time
Vegetable	Transition period from vegetative growth to reproductive growth	23-30 Liter per time
Fruit Tree		
Flowers		
Banana		
Potato		

Storage and transportation conditions

- Storage temperature -5-40 ℃
- Avoid direct sunlight or exposure,
- Avoid human and animal consumption.

What is the BIO-HPT?

BIO-HPT stands for Bio-Humic Processing Technology. This innovative technology produces multiple biostimulants through microbial enzymatic hydrolysis of leonardite, utilizing two patented microbial strains developed by Agrogreat.

The final product primarily contains humic acid, fulvic acid, polysaccharides, amino acids (such as β -alanine, L-isoleucine, L-proline, anthranilic acid, etc.), and various bioactive secretions from microorganisms. The pH value ranges from 6.5 to 7.5, ensuring optimal plant absorption.

BIO-HPT PULI-YUAN BALANCE drip and flood irrigation based on a synergistic blend of NPK nutrients and BIO-HPT-derived humic acid components extracted from fermented leonardite.

It supports plant health during the entire growth cycle —from vegetative to reproductive stages.

Product features and benefits

- Microbial enzymatic hydrolysis of leonardite to extract humic acid and multiple biostimulants
- PH 6.5-7.5
- Balance nutrients to promote the transition from vegetative growth to reproductive growth
- Promote vegetative growth to reproductive growth
- Improving flowering and fruit set

Precautions

- Can be mixed with most pesticides and fertilizers in the recommended concentration
- No use with calcium and magnesium fertilizers. Preparing a sample of the mix at the intended concentrations in order to rule out the possibility of a detrimental cross-reaction.
- Use it immediately after dilution.
- Shake well before use. A small amount of precipitation not affect the use efficiency.
- After drip irrigation, clean the pipe several times to ensure that there is no residue in the pipe

