



Since 2007



www.jinfeng-biotech.com



Advantage

ShanXi Jinfeng Bitotechnology Co.ltd is a global agricultural technology enterprise expertised in the field of organiz fertilizer especially like Humic products, crop protection, R&D, production, and supplies, which operates domestic and overseas in brand of “Jinfeng”and “Siro Green”

Organic Fertilizer production

- Complete soil Solutions
- OEM production partner
- Intelligence of procerement chain

Chinese Humic production &sales

Top 8

Humic Production Capacity

150,000+tons

Pesticides products toll production and trading

- All-in-One stops for crop Solutions
- Global Registration Supporting
- Integrated Manufacturing & Trade Supply Chain

Long Brand History

Since 2007

Raw Weathered Coad reserved Capacity

Top 1 in the world of 8 billion tons



What is our shipment time?

- 15 days after PO for general products
- for Toll production products recipe, 30 days after sample approval than others

How to control quality

- We have 7 steps QA -SOP and full policy for after-sales insurance
- We have DCS(Digital Control System) in workshop
- Our R&D is GLP standard

What is our payment terms

- Based on Sinosure facility, we offer best payment terms

What is Toll Production process

- Recipe requests-Sample confirmation-Quotation-Production



Our Certificates



Under Process:



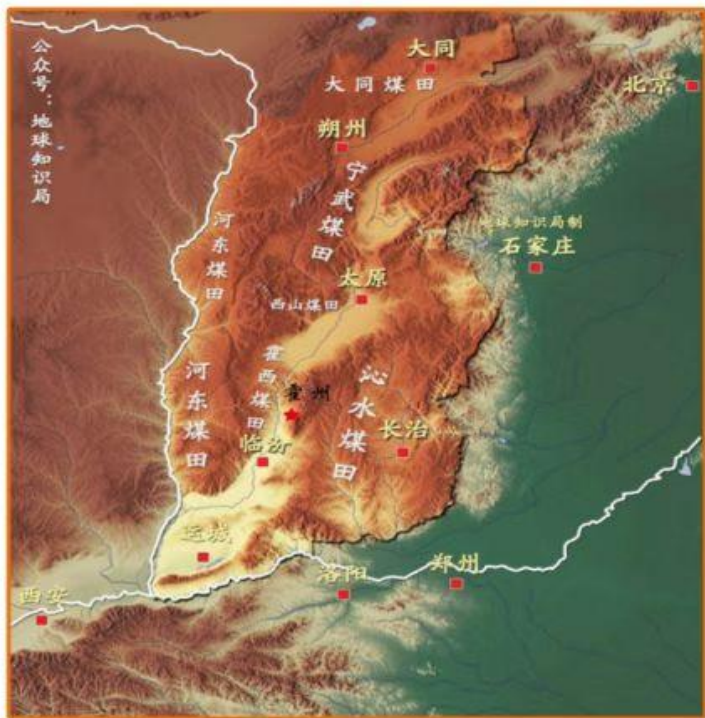
Achieved
Two Provincial Fertilizer Registration Certificates
Eight Ministerial-Level Fertilizer Registration Certificates



Production uniques

公司所在地霍州市是全国乃至全球最大的风化煤优质腐植酸资源基地，经过长期形成的风化煤具有埋藏浅、储量巨大、酸度35-50%左右，是最理想的矿源腐植酸优质原料，储存量约80亿吨，居全国首位。

Huozhou City, where the company is located, is the largest high-quality humic acid resource base of weathered coal both nationally and globally. The long-term formation of weathered coal here is characterized by shallow burial, enormous reserves, and an acidity level of approximately 35-50%, making it the most ideal raw material for high-quality mineral-derived humic acid. The reserves are estimated at about 8 billion tons, ranking first in the country.



在工艺优势方面，低温低压碱解活化工艺与其它工艺的区别主要表现在活性高，产能大，稳定性好的三大优势。

In terms of process advantages, the low-temperature and low-pressure alkali hydrolysis activation process distinguishes itself from other processes primarily in three aspects: high activity, large production capacity, and excellent stability.



Production line Uniques: Digital Control System

Top Grade Level in China Humic production

在产能方面，公司目前拥有全国领先的干法挤压颗粒设备，年生产能力5万吨，居全国首位。

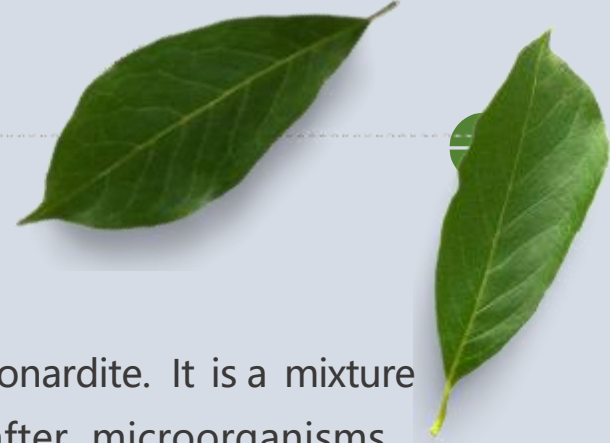
In terms of production capacity, the company currently possesses the nation's leading dry extrusion granulation equipment, with an annual production capacity of 50,000 tons, ranking first in the country.



The image displays four vertical product cards for humic acid products, each featuring the company logo and name at the top: 山西晋丰生物科技有限公司 (SHANXI JINTENG BIOTECHNOLOGY CO., LTD.) and 晋丰牌颗粒 (Jin Feng Brand Granules). Each card shows a pile of the product with a label and a bottom banner that reads: 专注于矿源腐植酸系列产品的研发、生产、销售及终端服务 (Dedicated to the R&D, production, sales, and terminal services of the mineral humic acid series products).

- 腐植酸原料 (Humic acid raw material)
- 腐植酸钠 (Sodium humate)
- 腐植酸钾 (Potassium humate)
- 黄腐植酸钾 (Potassium fulvic acid)

Organic Fertilizer



Humic Acid

Humic Acid is naturally extracted from the mineral leonardite. It is a mixture of macromolecular organic compounds formed after microorganisms decompose and transform plants, and then undergo long-term geochemical reactions.

Packing: 25kg/bag
Customized packing is available

Specification:

CAS NO.	1415-93-6
EINECS NO.	215-809-6
HS CODE	3824999999
CHEMICAL FORMULA	C ₉ H ₉ NO ₆

ITEM	STANDARD		
	Powder	Granular (2.0-5.0mm)	Natural state
Organic Matter (dry basis)	80% min.	80% min.	80% min.
Total Humic Acid (dry basis)	65% min.	60% min.	65% min.
Moisture	15%max.	15% max.	30%max.
PH	3.5-6	3.5-6	4-6

Organic Fertilizer



Humic Acid

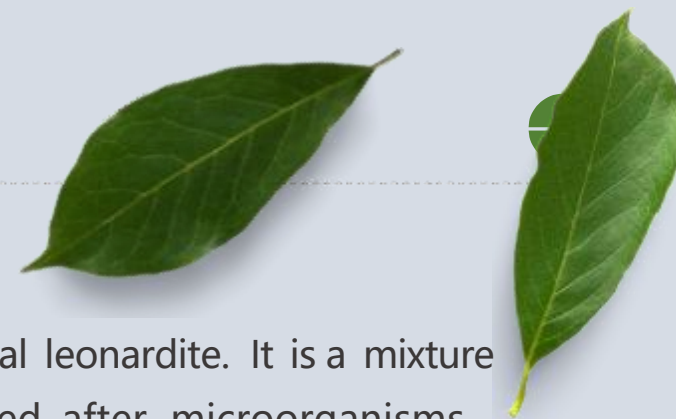
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PH	3.5-6	3.5-6	4-6

CAS NO.	1415-93-6
EINECS NO.	215-809-6
HS CODE	3824999999
CHEMICAL FORMULA	C ₉ H ₉ NO ₆



Organic Fertilizer



CAS NO.	68514-28-3
EINECS NO.	271-030-1
HS CODE	3105909000
CHEMICAL FORMULA	$C_9H_8K_2O_4$

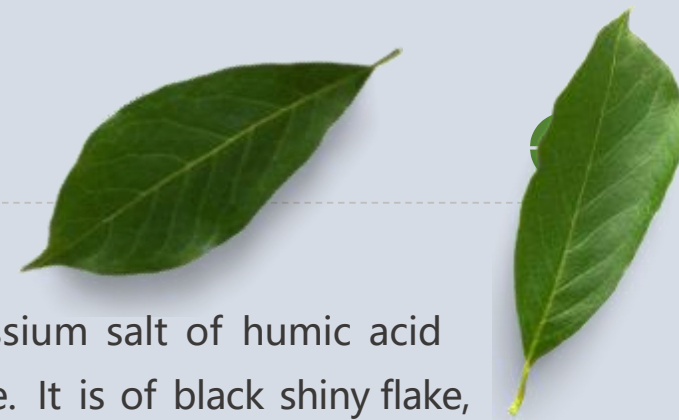
Potassium Humate

Potassium Humate is a high-quality potassium salt of humic acid extracted from natural high-grade leonardite. It is of black shiny flake, powder, and crystal, with high water solubility and the ability of anti-hard water.

Packing: 25kg bags
Customized packing is available

Specification:

Appearance	(powder) Potassium humate	(granule) Crystalline potassium humate
Humic acid(dry basis)	≥60%	≥60%
Water-insoluble	≤25%	≤25%
Moisture	≤15%	≤15%
K ₂ O(dry basis)	≥8%	≥8%
PH	7-12	7-12
Grain rate(0.2-1.0mm)	/	≥90%
Grain rate(1-2.5mm)	/	≥90%
Grain rate(2.5-5mm)	/	≥90%



Organic Fertilizer



Fulvic Acid

Leonardite Fulvic Acid is extracted from peat, lignite and weathered coal. Fulvic acid is a short carbon chain small molecular structure substance extracted from natural humic acid. It is the water-soluble part of humic acid with the smallest molecular weight and the highest active group content.

Packing: 25kg/bag
Customized packing is available

Specification:

CAS NO.	479-66-3
EINECS NO.	610-395-7
HS CODE	3105200090
CHEMICAL FORMULA	C ₁₄ H ₁₂ O ₈

ITEM	Leonardite Fulvic Acid
Appearance	Microparticles
Fulvic acid (dry basis)	≥50.0%
K ₂ O (dry basis)	≥12.0%
Moisture	≤15.0%
Water-insoluble	≤0.5%
PH	9.0-11.0



Seaweed Extract

The Seaweed Extract from "Ascophyllum nodosum" by enzyme hydrolysis (hydrolysis) technology.

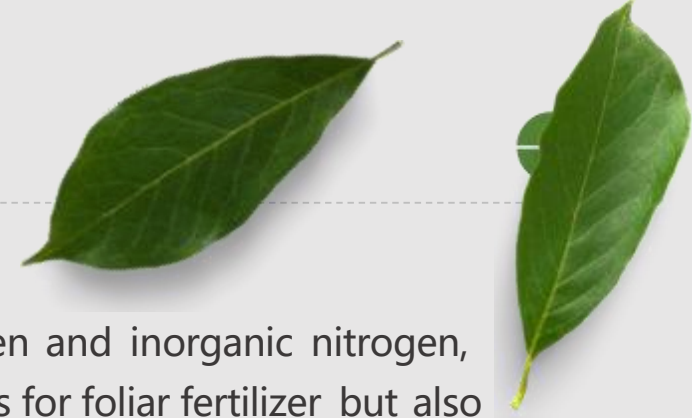
Packing: 20kg/bag

Specification:

CAS NO.	69235-69-4
HS CODE	3105900000

ITEM	STANDARD	
	Powder	Flake
Water Solubility	99.0% -100.0%	99.0% -100.0%
Organic Matter	45.0% min.	45.0% min.
Alginic Acid	18.0% min.	18.0% min.
K ₂ O	16.0-18.0%	16.0-18.0%
Moisture	5.0% max.	5.0% max.
PH	8.0-11.0	8.0-11.0

Organic Fertilizer



Amino Acid

Amino Acid Powder contain organic nitrogen and inorganic nitrogen, which not only can be used as raw materials for foliar fertilizer but also can be apply on the crops as water flush fertilizer, ground fertilizer and basic fertilizer. There are two source, one is from animal fur, the other is from soybean.

Packing: 25kg/bag
Customized packing is available

Specification:

CAS NO.	65072-01-7
HS CODE	3101009010
MOLECULAR FORMULA	RCHNH ₂ COOH

	Animal Source	Plant Source
Total Amino Acid	40.0% min.	50.0% min.
Type	With chlorine / Without chlorine	

Enzymatic Compound Amino Acid	
Total Amino Acid	80.0% min.
Type	Without chlorine pure organic

HUMIC ACID FORMULATION INDEX

Super Siro Humic	Total Humic Extracts 70%, Fulvic Acid 15%, K2O 8%, pH9-11, Flake/Powder
Siro-60	Humic Acid 60%, K2O 10%, pH9-11, Flake/Powder
Siro-20	Total Humic Extracts 20%, Amino Acid 10%, NPK12-0-1, pH 4-7,Prill
Siro-70	Total Humic Extracts 70%, Fulvic Acid 35%, K2O 10%, pH9-11,Flake/Powder
Siro-70 WSG	Humic Acid 70%, Fulvic Acid 5%, K2O 10%, Size 2-4mm, pH9-11
Siro Mix	Total Humic Extract s 30%, Fulvic Acid 5%, K2O 3%, Organic Matter 55%, pH9-11,Granular
Siro-60 Plus	Humic Acid 60%, Fulvic Acid 10-15%, K2O 10%, pH9-11, Flake/Powder
Siro-60 Crystal	Humic Acid 60%, Fulv ic Acid 5%, K2O 10%, Size 2-4mm, pH9-11
Siro-Black	Humic Acid 10%, Amino Acid 10%, NPK 8-1-1, pH 4-7, Granular
Humic Acid Granular	Humic Acid 40%, Organic Matter 70%, pH 6-7, Slow Release

AMINO ACID FORMULATION INDEX

Siro Hyper 800	Total Amino Acid 80%, Free Amino Acid 5%, N 16%, pH4-6, Powder
Siro Power 800	Total Amino Acid 80%, Free Amino Acid 75%, pH 4-6,N 13%, Powder
Siro Power	Total Amino Acid 42%, Free Amino Acid 40%, N 16%, pH 4-6, Powder
Siro Chelate Mg	Free Amino Acid 25%, Mg 6%, pH 7-9, Powder
Siro Power 700	Total Amino Acid 70%, N 11%, pH 4.5-6.5, Powder
Siro Power Cl Free	Total Amino Acid 42%, N 16%, Ammonium Sulphate 40%, pH 4-6,Powder
Siro Chelate Ca	Free Amino Acid 40%, Calcium 15%, pH 7-9, Powder
Siro Power S00	Total Amino Acid 50%, N 17%, pH 4-6, Powder
Siro Pro 800	Total Amino Acid 80%, N 13.5%, pH4-6, Powder
Amino Chelate K	Free Amino Acid 42%, N 9%, K2O 8%, pH 7-9, Powder
New Hyper ZnMnB	Total Amino Acid 200g/L,Free Amino Acid 100g/L,Peptide 100g/L, Zn+Mn+8 20g/L, pH4-6, Brown Liquid
Siro Power Mix	Free Amino Acid 200g/L, TE (Zn, Mn, B, Cu,Fe and Mo) 40g/L, pH 3.0-5.0, Liquid
New Hyper ZnB	Total Amino Acid 450g/L, Free Amino Acid 150g/L, Peptide 300g/L, Zn+B 20g/L, pH 4-6, Liquid
Siro PolyX	Total Amino Acid 400g/L, Free Amino Acid 50g/L, Organic Matter 350g/L, pH5-7, Liquid
Amino Liquid Low Cl	Amino Acid 300g/L, N 7%, Cl 0.5%-1.0%, pH 3-5, Liquid
super Trace	Total Amino Acid 35%, Free Amino Acid, 30%, N 6.5%, TE(Ca, Mg, Zn, B, and Mo)
Fish Amino	Total Amino Acid 80%, Free Amino, Acid 12%, Organic Matter 90%, N 15%,
Amino Liquid Coloring	Amino Acid 20%, Contains Phenylalanine 12%, K2O 17%, pH 8.5-9, Liquid
New Hyper	Total Amino Acid 50%, Organic Nitrogen 8%, pH 4-6, Liquid
New Hyper Ca Mg	Total Amino Acid 400g/L, Free Amino Acid 200g/L, Peptide 100g/L, Ca+Mg 40g/L, Liquid

FULVIC ACID FORMULATION INDEX

Siro Fulviplus	Fulvic Acid 95%, pH5-7, Powder
Fulvic Acid 45%	Fulvic Acid 45%, K2O 10%, Organic Matter 60%, pH 3-9, Powder
Fulvic Acid 30% Granular	Fulvic Acid 30%, NPK 2-0-8, Organic Matter 30%, pH4-6, Granular
Fulvic Acid 30% Powder	Fulvic Acid 30%, NPK 2-0-8, Organic Matter 30%, pH 4-6, Powder

SEAWEED EXTRACT FORMULATION INDEX

Siro Alginic	Alginic Acid 18%, K2O 16%, Organic Matter 50%, pH 8-10, Flake/Powder
Siro Alginic Plus	Alginic Acid 18%, K2O 16%, Organic Matter 50%, Mannitol 3.5%, pH 8-10, Flake/Powder
Siro Nova	Alginic Acid 16%, K2O 16%, Organic Matter 50%, pH9-11, Flake/Powder
Seaweed Extracts Flake	Alginic Acid 12-14%, K2O 16%, Organic Matter 45%, pH9-11, Flake/Powder