



**Your Complete Partner for Premium
Agricultural Solutions**

The Industry's Most Comprehensive Portfolio
- From Molecules to Microbes

WHO WE ARE

Pixon Chemie is a global leader in the manufacture and development of premium agricultural raw material technology. Unlike simple trading companies, we combine extensive in-house production capabilities with strategic third-party manufacturing partnerships at certified facilities, ensuring complete control over quality and supply chain reliability. This unique approach allows us to offer the industry's most comprehensive portfolio whilst maintaining the highest standards for every product we manufacture or have exclusively manufactured for us.

Our Manufacturing Excellence

- **In-House Production** - Core technologies manufactured in our own facilities
- **Strategic Third-Party Manufacturing** - Exclusive production agreements with certified partners
- **Quality Control** - Same rigorous standards for internal production or partners
- **Supply Chain Security** - Committed long-term relationships ensure consistent availability
- **We Are Manufacturers, Not Traders** - We control production specifications, quality protocols and batch release for our entire portfolio
- **Local Presence in China** - Over 30 years controlling the production process with local presence



Our Competitive Advantage

- **Direct Manufacturing Control** - Quality oversight of entire portfolio
- **One of the Industry's Largest Portfolios** - 100+ premium products across all categories
- **Unmatched Quality** - Ultra-high purity standards, batch-to-batch consistency
- **Innovation Leadership** - First to market with revolutionary technologies
- **Single Supplier Convenience** - Complete solutions from one trusted partner



COMPLETE PRODUCT PORTFOLIO

Advanced Chelation Technology

Synthetic Chelants

- **EDTA** (Ethylenediaminetetraacetic acid) - Industry standard
- **EDDHA** (Ethylenediamine-N,N'-bis(2-hydroxyphenylacetic acid)) - Superior iron chelation
- **HEEDTA** (Hydroxyethylethylenediaminetriacetic acid) - Enhanced stability

Biodegradable Synthetic Chelants

- **IDHA** (Iminodisuccinic acid, also known as IDS) - Readily biodegradable
- **GLDA** (L-Glutamic acid N,N-diacetic acid) - Plant-derived base
- **MGDA** (Methylglycine diacetic acid) - Exceptional ecological profile

Natural Chelants & Complexing Agents

- **Amino Acid Chelates** - Complete range (Zn, Mn, Cu, Fe, Ca, Mg, B, Mo)
- **Pure Amino Acids** - L-Glycine, L-Glutamic Acid, L-Arginine, L-Proline, L-Lysine
- **Gluconates** - Ca, Mg, Mn, Zn, Cu, Fe gluconates
- **Citrates** - Natural Krebs cycle intermediates
- **Lignosulfonates** - 4,000-8,000 Da molecular weight, natural UV protection

Phosphite Technology

Phosphorous Acid

- **PAC AG HP** - 99%+ purity grade
- **Systemic Action** - Complete plant mobility
- **Dual Function** - Nutrition + defense

Phosphite Salts

- **Potassium Phosphite** - 40% P₂O₅, 28% K₂O
- **Calcium Phosphite** - Structural enhancement
- **Magnesium Phosphite** - Photosynthesis boost
- **Copper Phosphite** - Disease suppression
- **Monoammonium Phosphite** - N+P efficiency

Oligosaccharide Revolution

Next-Generation Biostimulants

- **Alginate Oligosaccharide** - MW 200-10,000 Da, multi-functional
- **Chitosan Oligosaccharide** - 90%+ deacetylation, dual action
- **Pectin Oligosaccharide** - Cell wall synthesis enhancement
- **Carrageenan (Carrageenans)** - Lambda, kappa, iota types available

Breakthrough Technology: Low Molecular Weight = Maximum bioactivity = 3-5x efficacy

COMPLETE PLANT GROWTH REGULATORS (PGRs) PORTFOLIO

Production in China and USA

Core Growth Regulators

- **GA3** (Gibberellic Acid) - 90%+ technical
- **IBA** (Indole-3-butyric acid) - 98%+ rooting
- **6-BA** (6-Benzylaminopurine) - 99%+ cytokinin
- **NAA** (1-Naphthaleneacetic acid) - Auxin activity
- **IAA** (Indole-3-acetic acid) - Natural auxin

Specialised Growth Regulators

- **CPPU** (Forchlorfenuron) - Cell division, fruit sizing
- **s-ABA** (S-Abscisic Acid) - Stress management, color development
- **DA-6** (Diethyl aminoethyl hexanoate) - Broad-spectrum growth
- **BNOA** (β -Naphthoxyacetic acid) - Fruit thinning
- **Kinetin** (6-Furfurylaminopurine) - Anti-aging cytokinin

Advanced Growth Regulators

- **1-MCP** (1-Methylcyclopropene) - Post-harvest
- **NATCA** (Naphthalene trichloro acetic acid) - Special applications
- **Brassinosteroids** - Stress tolerance
- **Triacontanol** - Photosynthesis enhancer
- **Salicylic Acid** - SAR activation



Biostimulant Technologies

Amino Acid Products

- **Polypeptides** - 200-5000 Da molecular weight
- **Oligopeptides** - <1000 Da molecular weight
- **Fish Protein Hydrolysates** - OMRI certified
- **Plant-Based Amino Acids** - Soya/maize origin
- **Enzymatic Hydrolysates** - Specific molecular weight fractions

Organic Acids & Extracts

- **Fulvic Acid** - 70%, 80%, 90% grades
- **Humic Acid** - Leonardite & lignite sources
- **Alginic Acid** - High viscosity grades

Seaweed Extracts

- **Ascophyllum nodosum** - Cold-processed
- **Ecklonia maxima** - Unique auxin profile
- **High Cytokinin Extract** (>200 ppm)
- **Liquid & Powder** forms available

Natural Biostimulants

- **Glycine Betaine** - Osmoprotection
- **Trehalose** - Drought protection
- **Mannitol** - Stress tolerance
- **Oil Seed Meal Extract** - Growth promotion

Plant Defense Activators

Elicitors & Immune Enhancers

- **Chitosan** (various molecular weights & deacetylation)
- **Yeast Extracts** - β -glucans rich
- **Methyl Jasmonate** - Defense signaling
- **Harpin Protein** - Hypersensitive Response activation
- **Laminarin** - Algae-derived elicitor

Natural Defense Compounds

- **Thuricin 17** - Next-gen biostimulant
- **Plant Defense Proteins**
- **Systemic Resistance Inducers**



Biological Solutions

Beneficial Fungi

- **Trichoderma harzianum** (2×10^9 CFU/g)
- **Trichoderma viride** (2×10^9 CFU/g)
- **Mycorrhizae** (Glomus species)
- **Beauveria bassiana** - Bioinsecticide

Beneficial Bacteria

- **Bacillus subtilis** (1×10^{10} CFU/g)
- **Bacillus licheniformis** (5×10^9 CFU/g)
- **Bacillus amyloliquefaciens** (1×10^{10} CFU/g)
- **Azotobacter chroococcum** - N fixation
- **Azospirillum brasilense** - PGPR
- **Pseudomonas fluorescens** - Biocontrol

Biocontrol Agents

- **Biofungicides** - Disease suppression
- **Bioinsecticides** - Natural pest control
- **Nematicides** - Biological nematode management

Specialty Nutrients

Silicon Technologies - Building Stronger Plants

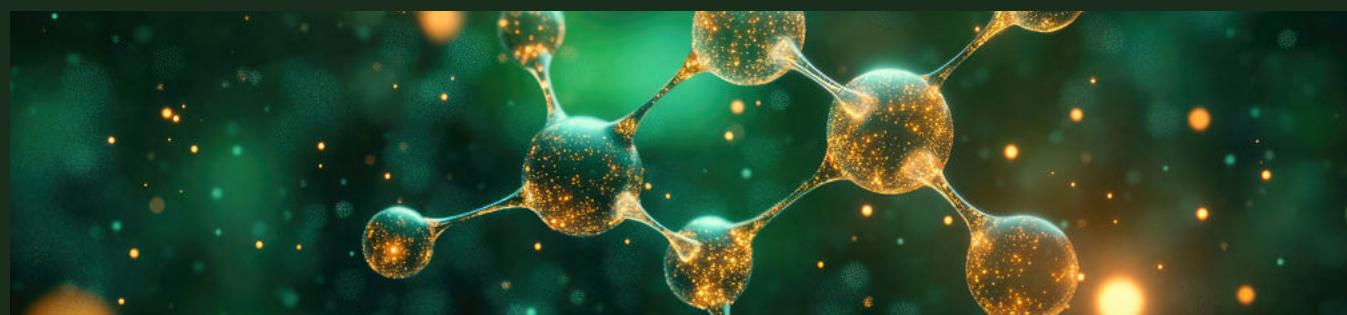
- **Orthosilicic Acid** (Choline-stabilized) - 2-3% Si, 100% bioavailable
- **Potassium Silicate** - SiO_2 26%, K_2O 13%, foliar grade
- **Nano Silicon Dioxide** - 20-80nm particle size
- **Silicon-Amino Acid Complexes** - Patented technology

Advanced Micronutrients

- **Boron-Ethanolamine** - 10% B
- **Nano Zinc Oxide** - 80% Zn
- **Nano Copper Oxide** - 75% Cu
- **Gluconate Series** - All metals
- **Lactate Series** - Gentle delivery

Premium Organic Salts

- **Formates** - Ca, K, Mg Formates
- **Acetates** - Rapid absorption
- **Propionates** - Extended stability
- **Succinates** - Krebs cycle entry



Specialty Formulations

Natural Complexing Agents

- Polycarboxylates - Stability enhancers
- Sugar Alcohols - Sorbitol, xylitol
- Polyhydroxy Acids - Multiple benefits

Adjuvants & Enhancers

- Penetration Enhancers
- UV Protectants
- Anti-evaporants
- pH Buffers

INNOVATION HIGHLIGHTS

Exclusive Technologies

Oligosaccharide Platform

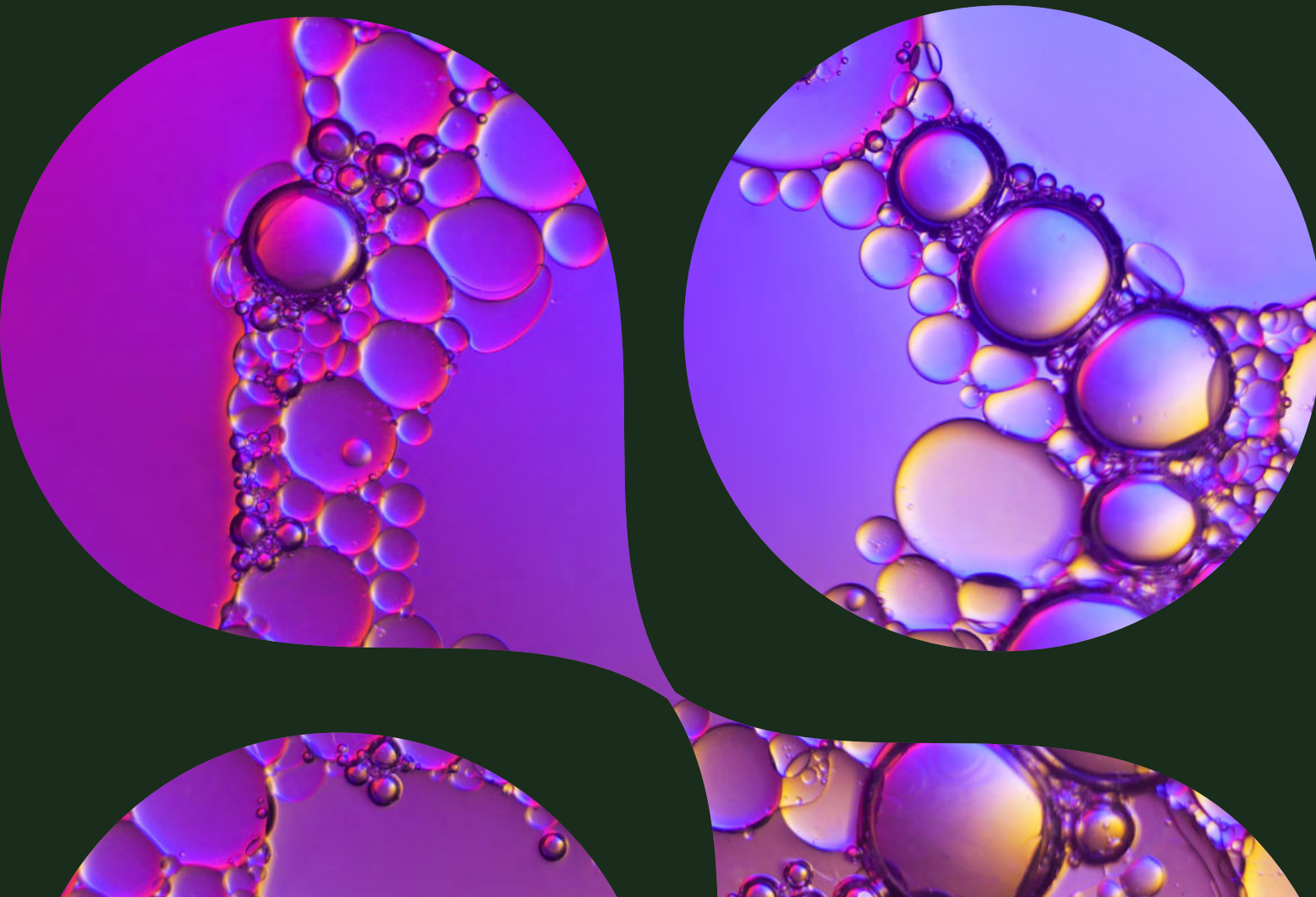
- 200-10,000 Da molecular weight
- Multiple modes of action
- 3-5x value vs traditional biostimulants
- Patent-protected applications

Nanotechnology Series

- <100nm particles
- 10x efficiency improvement
- Reduced environmental impact
- Lower application rates

Biocontrol Integration

- Verified chemical-biological compatibility
- Raw materials that work together
- Enable sustainable formulations
- IPM-compatible ingredients



Create Your Unique Formulations

Combine Our Raw Materials for Differentiated Products:

- Chelants + Oligosaccharides
- PGRs + Amino Acids
- Elicitors + Nutrients
- Biologicals + Chemicals

QUALITY & COMPLIANCE

Certifications

- **ISO 9001:2015** - Quality management
- **OMRI Listed** - Organic products (USA, Canada, Mexico)
- **ECOCERT** - EU organic
- **REACH Compliant** - Full registration
- **Heavy Metal Testing** - Every batch

Technical Specifications

- **Full COA** with every shipment
- **Stability data** - Minimum 2-year shelf life
- **Compatibility matrices** - 500+ combinations tested
- **Application guidelines** - Dose and timing recommendations
- **Formulation database** - Proven recipes available



SUSTAINABILITY LEADERSHIP

Environmental Commitment

- 70% Portfolio with biodegradable options
- Reduced Carbon Footprint through efficiency
- Natural Origin products prioritised
- Waste Stream Utilisation in production
- Green Chemistry principles

Supporting Sustainable Agriculture

- Enable precision application
- Reduce chemical inputs
- Improve nutrient efficiency
- Increase crop resilience
- Protect beneficial organisms

PARTNERSHIP BENEFITS

Why Choose Pixon Chemie?

Unmatched Portfolio

- 100+ premium products
- All categories covered
- Exclusive technologies
- Continuous innovation

Supply Security

- Global manufacturing
 - Strategic stock
 - Risk mitigation
- Consistent quality

Technical Excellence

- Formulation support
- Regulatory guidance
 - Custom solutions
- Training programs

Market Leadership

- Premium positioning
- Innovation pipeline
 - Global presence
- Trusted reputation

PACKAGING & LOGISTICS

Standard Packaging Options

- **Solids:** 1kg, 5kg, 25kg bags; 500kg, 1000kg big bags
- **Liquids:** 1L, 5L, 200L drums; 1000L IBC totes
- **Biologicals:** Temperature-controlled packaging with desiccants
- **Small quantities:** Sample sizes available (100g-500g)
- **Custom packaging:** Available for orders >1MT

Global Logistics

- Temperature-controlled shipping
- Documentation support
- Track and trace systems
- On-time delivery commitment

START YOUR SUCCESS STORY

Partner with The Industry Leader

Transform Your Formulations with Access to:

- The most complete raw material portfolio
- Cutting-edge technologies
- Uncompromising quality
- Global supply security
- Technical expertise

Contact Pixon Chemie Today

✉ contact@pixon-chemie.com

☎ +44 (0) 20 3907 3864

🌐 pixon-chemie.com

📍 London HQ, 16 Berkeley Street, London, United Kingdom, W1J 8DZ

Quick Product Finder by Application

Enhanced Nutrition → Chelants, Amino Acids, Micronutrients, Phosphites

Growth Promotion → PGRs, Biostimulants, Seaweed Extracts, Oligopeptides

Stress Management → Glycine Betaine, s-ABA, Oligosaccharides, Silicon

Plant Protection → Elicitors, SAR Inducers, Biocontrol Agents

Biological Solutions → Trichoderma, Bacillus, Mycorrhizae, PGPR

Cutting-Edge Innovation → Nanonutrients, Oligosaccharides, Special Complexes