

**THINK LOCAL,  
ACT GLOBAL**

Championing Biotech for Sustainable Agriculture



**CH BIOTECH**  
R&D Co., Ltd.



## About CH Biotech

CH Biotech R&D Co., Ltd. was established on November 29, 2013, and will become publicly traded (TWSE:6534) by the end of 2023. Our primary focus revolves around researching, developing, manufacturing, and marketing plant growth regulators and fertilizers.

Through meticulous screening of active ingredients relevant to agriculture and the utilization of next-generation sequencing (NGS) for analyzing genomic data, we bring innovation to the field. By referencing gene regulation databases, we are able to predict the effects of various active ingredients or compound formulations. Then, through our rigorous research and development methodology, we validate the efficacy of proposed formulations, which are further backed by comprehensive field trials.

At CH Biotech, our united commitment is to forge a future where hunger and climate change can become relics of the past. Through innovation and the integration of scientific techniques, we explore new possibilities in the agricultural sector to address some of agriculture's most significant challenges, forging a more sustainable future for everyone.

## Our Global Locations

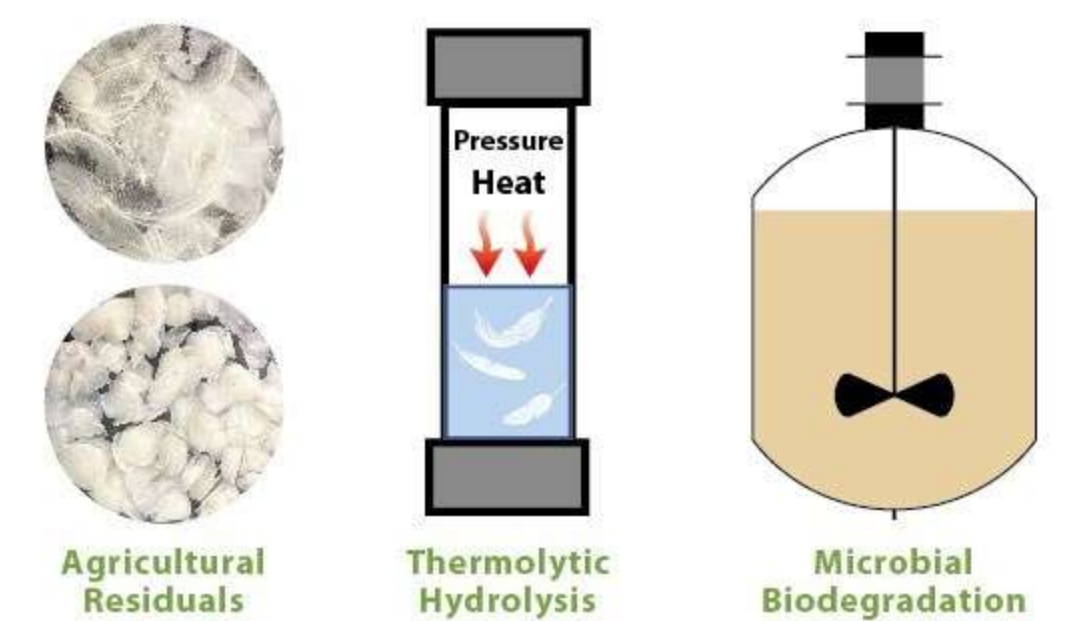
- Headquarters and R&D** / Nantou, Taiwan (R.O.C.)
- Fermentation Plant** / Changhua, Taiwan (R.O.C.)
- Production Center** / Ontario, California, U.S.A.

## Ensuring the Safety, Health and Sustainability of Plants, People, and Our Environment

At CH Biotech, our commitment to safety extends to every facet of our product development process. We follow stringent safety standards that not only meet but exceed the regulatory requirements of our target markets. Our dedication is rooted in safeguarding plants, people, and the environment.

### Environmentally Friendly Raw Materials and Processing Technologies

- **Selecting functional ingredients with a focus on safety...**  
We consider potential active ingredients across various disciplines such as medicine and food science, looking for natural substances with a high safety profile and which have beneficial physiological effects on plants.
- **Alignment with circular economic principles, with a focus on utilizing agricultural residuals to develop products derived from biological sources...**  
CH Biotech is devoted to recycling and reusing residual materials from poultry and aquaculture by converting feathers and fish scales into valuable peptide hydrolysates.
- **Developing processing methods with a strong emphasis on environmental safety...**  
CH Biotech employs eco-friendly processes using agricultural residuals, utilizing thermolytic hydrolysis and microbial biodegradation technologies, and which result in consistent products.



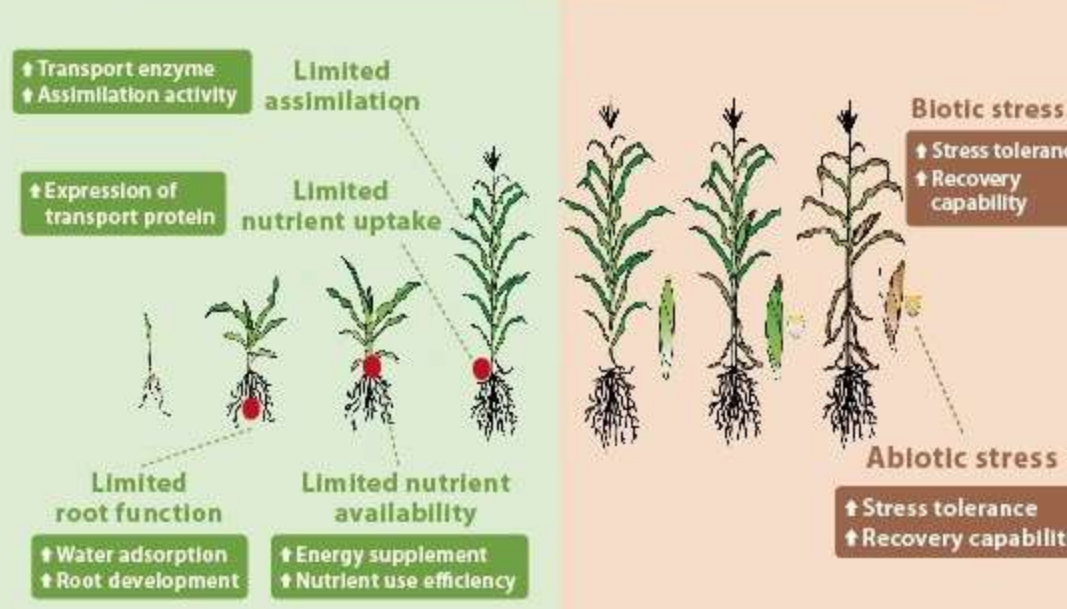
## Cultivating High-Quality and High-Yield Crops with a Focus on Resource Efficiency

At CH Biotech, we are committed to achieving sustainable agriculture by supporting farmers in enhancing productivity and elevating the quality of food. Our mission centers around minimizing the use of natural resources while providing technologies to empower farmers.

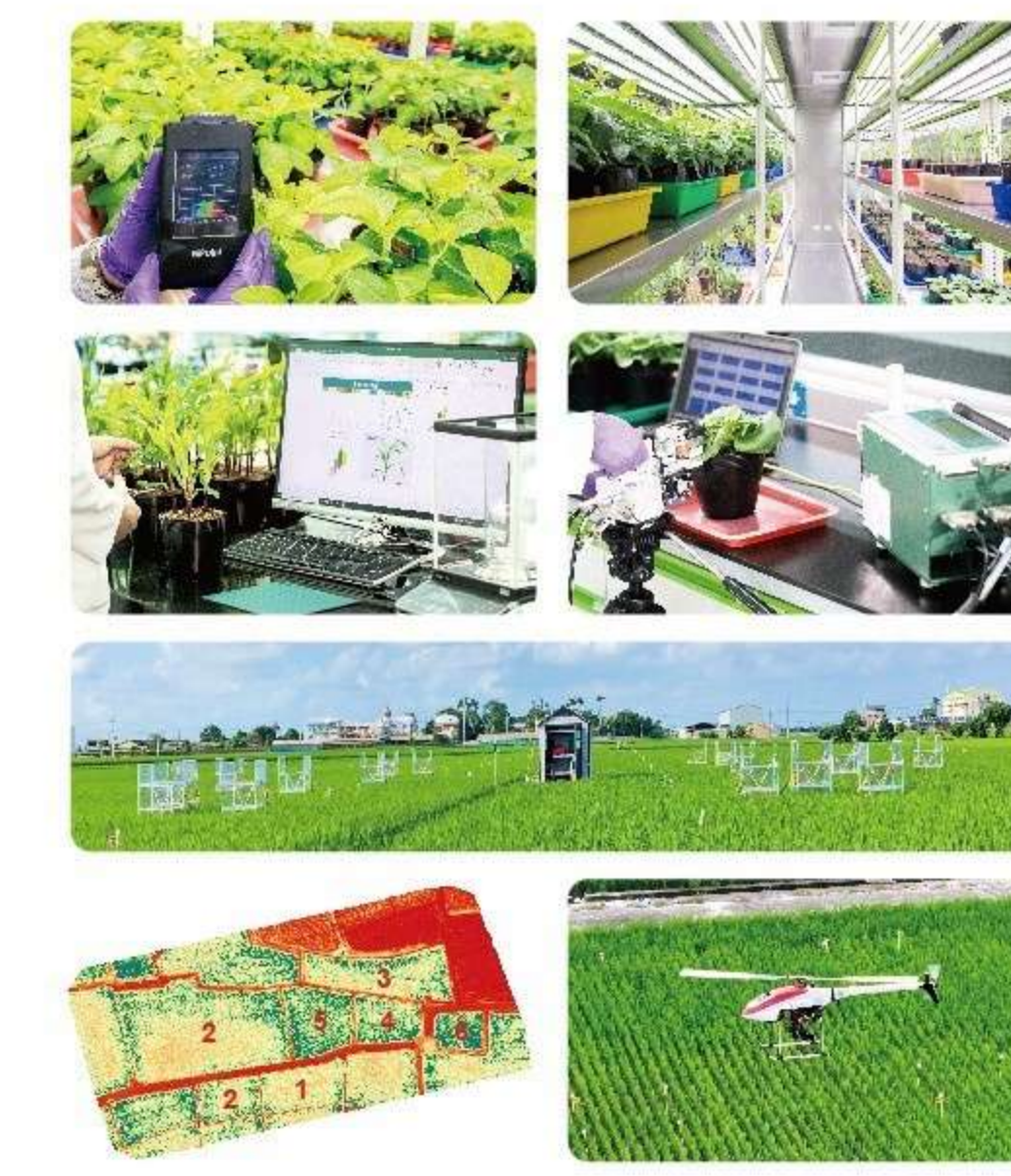
### Responsibly Utilizing Natural Resources

- **Reducing energy input in crop cultivation...**  
Fertilizer production is a major source of carbon emissions in agriculture. CH Biotech's next-generation fertilizers have a low energy footprint and can substantially reduce carbon emissions compared to traditional fertilizers.
- **Reducing carbon emissions in crop production processes...**  
In conventional farming, less than half of the nutrients applied to a field are actually utilized by crops. CH Biotech's technology aims to target this nutrient use inefficiency by increasing nutrient uptake, precisely allocating nutrients, regulating plant development, and ensuring the health, yield, and quality of crop cultivation.
- **Emphasizing the development of crop production with enhanced stress resilience...**  
Introducing innovations that promote crop stress resilience can help growers increase yield while minimizing environmental impact.

### CH Biotech products can improve crop growth, health, vitality and stress resilience!



## Next-Generation Laboratories & Field Experiments



Visit Us Online

**CH BIOTECH**  
R&D Co., Ltd.

No. 89, Wenxian Rd., Nantou City,  
Nantou County 540001, Taiwan (R.O.C.)  
E-mail: info@chbio.com.tw  
[www.chbio.com.tw](http://www.chbio.com.tw)