人元生物
Renyuan Biotechnology

科技赋能 绿色发展
TECHNOLOGY FOR NATURE - SUSTAINABLE GROWTH

植保机械篇
PLANT PROTECTION MACHINERY

鹤壁市人元生物技术发展有限公司
Hebi Renyuan Biotechnology Development Co., Ltd.

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（随产品技术进步，产品结构、参数将不断改进，恕不另行通知。样本参数与实物有不符的，以实物为准。）
Product structures and technical specifications may change without notice as technology advances. Actual product specifications shall prevail.

鹤壁市人元生物技术发展有限公司
Hebi Renyuan Biotechnology Development Co., Ltd.

中国·鹤壁
Hebi, China

绿　色　植　保　　生　态　和　谐
Green Plant Protection　　Harmony with Nature

人元生物
Renyuan Biotechnology

国 家 高 新 技 术 企 业
National High-Tech Enterprise

绿　色　人　元　　生　态　未　来
Green Renyuan　　A Green Future

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企业简介
Company Profile

成立于2005年
Established in 2005.

专业致力于农用微生物菌剂、有机肥、生物有机肥、有机肥配套设备、植保器械、农林机械研发、生产、销售、技术推广与应用服务的农业产业化科技型企业。

A technology-driven agribusiness specializing in R&D, production, sales, technical promotion and application services for agricultural microbial inoculants; organic and bio-organic fertilizers; fertilizer equipment; and agricultural, forestry and plant protection machinery.

有机肥发酵菌种自主研发较早的企业
Pioneer in independently developed strains for organic fertilizer fermentation
有机肥生产技术较成熟的企业
Enterprise with mature organic fertilizer production technology
有机肥行业产业链较完整的企业
Enterprise with a complete organic fertilizer industry chain

国家高新技术企业
National High-Tech Enterprise
农业产业化国家重点龙头企业
National Key Leading Enterprise in Agricultural Industrialization
工业企业知识产权运用试点企业
Pilot Enterprise for Industrial Intellectual Property Commercialization

国家科技型中小企业
National Science and Technology SME
国家绿色工厂
National Green Factory
河南省科技小巨人企业
Henan Science and Technology Little Giant Enterprise
河南省农业产业化联合体
Henan Agricultural Industrialization Consortium
河南省技术创新示范企业
Henan Technology Innovation Demonstration Enterprise
河南省专精特新中小企业
Henan Specialized and Innovative SME

河南省绿色技术创新示范企业
Henan Green Technology Innovation Demonstration Enterprise
河南省服务型制造示范企业
Henan Service-Oriented Manufacturing Demonstration Enterprise
河南省知识产权优势企业
Henan Intellectual Property Advantage Enterprise

国家博士后科研工作站
National Postdoctoral Research Workstation
河南省微生物菌剂工程技术研究中心
Henan Microbial Inoculant Engineering Technology Research Center
河南省农业废弃物资源化综合利用工程研究中心
Henan Agricultural Waste Recycling Engineering Research Center
河南省企业技术中心
Henan Enterprise Technology Center
河南省污水污泥处理与资源化利用产业技术创新战略联盟
Henan Strategic Alliance for Wastewater and Sludge Treatment and Resource Utilization Innovation
鹤壁市农业微生物菌剂重点实验室
Hebi Key Laboratory of Agricultural Microbial Inoculants



荣誉
Honors

是耕耘的收获，是智慧的结晶，

是理想的追求，是拼搏的足迹……

荣誉代表着过去，

在这个市场竞争激烈的时代，

无数的品牌沉沉浮浮，无数的企业去去来来，

有远见才有未来，有责任才有价值。

人元生物始终以“远离污染，走进绿色”

为时代使命，

锐意进取，奋斗不息！

Honors reward hard work and wisdom,
and mark ideals pursued with perseverance.

Honors reflect past achievements.
In a fiercely competitive market,
brands and businesses rise and fall.

Foresight opens the future;
responsibility creates value.

Renyuan remains true to its mission:
reduce pollution and advance
green development.
We forge ahead with determination.

鹤壁市人元生物技术发展有限公司

博士后科研工作站

POSTDOCTORAL PROGRAMME

人力资源和社会保障部
全国博士后管委会 制发

二〇二一年二月

河南省

微生物菌剂工程技术研究中心

河南省科学技术厅

河南省

农业废弃物资源化综合利用
工程研究中心

河南省发展和改革委员会

省级

企业技术中心

河南省发展和改革委员会
河南省科学技术厅
河南省财政厅
国家税务总局河南省税务局
中华人民共和国郑州海关

HSRITSA

河南省污水污泥处理与资源化利用
产业技术创新战略联盟

资质荣誉
Qualifications and Awards

高新技术企业

河南省科学技术厅 河南省财政厅
国家税务总局河南省税务局
二〇二一年九月

国家科技型中小企业

科学技术部

工业企业知识产权
运用试点企业

中华人民共和国工业和信息化部
二〇二〇年十二月

农业产业化

国家重点龙头企业

农业农村部 国家发展改革委
商务部 中国人民银行
中国证券监督管理委员会 中华全国供销合作总社
二零二四年五月监制 有效期见二维码

鹤壁市人元生物技术发展有限公司

国家绿色工厂

中华人民共和国工业和信息化部
二〇二三年十二月

鹤壁市人元生物技术发展有限公司

河南省绿色供应链管理企业

河南省工业和信息化厅
二〇二四年六月

河南省
科技小巨人企业

河南省科学技术厅

河南省
服务型制造示范企业

河南省工业和信息化厅
二〇二二年五月

河南省知识产权优势企业

河南省知识产权局
二〇二二年十二月三十一日

鹤壁市人元生物技术发展有限公司

河南省绿色技术创新示范企业

(2022-2025)

河南省科学技术厅 河南省发展和改革委员会
河南省工业和信息化厅 河南省生态环境厅
2022年8月

河南省
技术创新示范企业

河南省工业和信息化厅
河南省财政厅

授予：鹤壁市人元生物技术发展有限公司

河南省农业产业化联合体

河南省农业农村厅
2022年1月28日

资质荣誉

Qualifications and Awards


质量管理体系认证证书

鹤壁市人元生物技术发展有限公司


环境管理体系认证证书

鹤壁市人元生物技术发展有限公司


职业健康安全管理体系认证证书

鹤壁市人元生物技术发展有限公司


知识产权管理体系认证证书

鹤壁市人元生物技术发展有限公司


能源管理体系认证证书

鹤壁市人元生物技术发展有限公司


绿色供应链评价认证证书

鹤壁市人元生物技术发展有限公司


有机农业生产资料评估证明

鹤壁市人元生物技术发展有限公司


MACHINERY DIRECTIVE ATTESTATION OF CONFORMITY

科研力量

Research and Development


发明专利证书


发明专利证书


发明专利证书


发明专利证书


发明专利证书


实用新型专利证书


实用新型专利证书


实用新型专利证书


实用新型专利证书


实用新型专利证书


实用新型专利证书


实用新型专利证书


实用新型专利证书

农林有害生物数字化监测预警系统

Digital Agricultural and Forestry Pest Monitoring and Early Warning System

可自动完成虫情信息、病菌孢子、农林气象信息的图像及数据采集，并自动上传至云服务器；远程无线传输、实时显示存储虫情、病菌孢子图像；通过图像信息库及技术分析功能，分析田间病虫害的数量变化，预测病虫害的发生时间和趋势。

Automatically collects images and data on pest populations, pathogen spores and agricultural and forestry weather conditions, then uploads them to a cloud server. Wireless remote transmission enables real-time display and storage of pest and pathogen-spore images. Image databases and analytical algorithms track changes in pest and disease populations and forecast their timing and trends.





虫情智能测报设备

Intelligent Pest Monitoring Equipment

主要利用现代光、电、数控技术、无线传输技术、互联网技术，构建出一套害虫生态监测及预警设备。该设备内置工业级高清相机，可实现自动化的虫情监测，实时采集虫情照片并可上传至物联网云平台，对虫害的发生趋势进行分析和预测。

Combines optical, electronic and digital technologies with wireless transmission and IoT to monitor and forecast pests. A high-resolution industrial camera automates monitoring, captures insect images in real time and uploads them to the IoT cloud platform for analysis and forecasting of pest population trends.

产品优势

Product Advantages

防雨装置

Rain Protection

配置有防雨装置，保证雨天正常工作。

Rain protection ensures reliable operation in wet weather.

诱虫光源

Insect Attraction Light Source

与传统荧光灯管相比，经久耐用，减少维修率。

More durable than traditional fluorescent tubes, with less maintenance.

虫体识别、计数

Insect Identification and Counting

自动识别统计虫害数据，支持虫害数据导出功能。

Automatically identifies and counts pests; supports data export.

高清相机

High-Resolution Camera

采用高清工业级相机，虫体照片更加清晰。

Industrial camera delivers clearer insect images.

红外线杀虫

Infrared Insect Killing

虫体致死率≥98%；虫体完整率≥95%。

Insect mortality ≥98%; specimen integrity ≥95%.

操作方式

Operation

操作更加便捷，体验感更强。

Convenient, intuitive controls for easier operation.



虫情智能测报设备
Intelligent Pest Monitoring Equipment

主要用于农林业害虫监测的专用工具，主要服务于农业、林业、牧业及果园等领域的病虫害预警。该设备集成光电数控技术，具备自动诱虫、杀虫、收集及分装功能，采用远红外加热处理虫体（完整率超95%），内置高清相机，可实现自动化的虫情监测，实时采集虫情照片并可上传至物联网平台，对虫情的发生趋势进行分析和预测。

Purpose-built for pest monitoring in agriculture, forestry, pasture and orchards. Optical, electronic and digital technologies automatically attract, kill, collect and sort insects. Far-infrared heating keeps over 95% of insect specimens intact. A high-resolution camera captures real-time pest images and uploads them to the IoT cloud platform for trend analysis and forecasting.

产品优势
Product Advantages

防雨装置
Rain Protection
配置有防雨装置，保证雨天正常工作。
Rain protection ensures reliable operation in wet weather.

诱虫光源
Insect Attraction Light Source
与传统荧光灯管相比，经久耐用，
减少维修率。
More durable than traditional fluorescent tubes, with less maintenance.

红外线杀虫
Infrared Insect Killing
虫体致死率≥98%；虫体完整率≥95%。
Insect mortality ≥98%; specimen integrity ≥95%.

高清相机
High-Resolution Camera
配置500万、1200万（可选）高清相机，
虫体照片更加清晰。
Optional 5 MP or 12 MP camera provides clearer insect images.

全天候无人值守
All-Weather Unattended Operation
具备光控、雨控、温控功能。
Light, rain and temperature control.
天黑自动工作，雨天自动停止工作。
Automatic operation on sunny days; automatic shutdown in rain.

供电方式
Power Supply
AC220V/DC12V(直流、交流)供电可选。
AC 220 V or DC 12 V power supply available.



虫情测报设备
Pest Monitoring Equipment

主要用于农林业害虫监测的专用工具，主要服务于农业、林业、牧业及果园等领域的病虫害预警。该设备集成光电数控技术，具备自动诱虫、杀虫、收集及分装功能，采用远红外加热处理虫体（完整率超95%），并配置光控、雨控系统和八格接虫瓶分时段存储样本。

Purpose-built for early warning of pests in agriculture, forestry, pasture and orchards. Optical, electronic and digital technologies automate insect attraction, killing, collection and sorting. Far-infrared heating keeps over 95% of insect specimens intact. Light control, rain sensing and an eight-position carousel store specimens by time interval.

产品优势
Product Advantages

防雨装置
Rain Protection
配置有防雨装置，保证雨天正常工作。
Rain protection ensures reliable operation in wet weather.

精准分时监测（8位转仓）
Time-Segmented Monitoring (8-Position Carousel)
八个接虫瓶自动转换，虫体按天存放，避免混淆。
Eight collection cups rotate automatically, separating specimens by day to prevent mixing.

红外线杀虫
Infrared Insect Killing
虫体致死率≥98%；虫体完整率≥95%。
Insect mortality ≥98%; specimen integrity ≥95%.

全天候无人值守
All-Weather Unattended Operation
具备光控、雨控、温控功能。天黑自动工作，雨天自动停止工作。
Light, rain and temperature control. Runs automatically in sunshine and stops during rain.

供电方式
Power Supply
AC220V/DC24V(直流、交流)供电可选。
AC 220 V or DC 24 V power supply available.

诱虫光源
Insect Attraction Light Source
与传统荧光灯管相比，经久耐用，减少维修率。
More durable than traditional fluorescent tubes, with less maintenance.



高空虫情智能测报设备

Intelligent Aerial Pest Monitoring Equipment

根据迁飞性害虫的突发性、暴发性、毁灭性以及迁飞高度至数百米而不易监测和防控等特点和难点，采用高空昆虫诱集技术实现迁飞性昆虫监测预警信息智能化。该设备可有效诱集高度可以达到500-1000米，对迁飞性害虫(如:草地贪夜蛾、棉铃虫、黏虫、小地老虎、草地螟、飞虱)等有很好的诱控作用。

Designed for sudden, mass outbreaks of highly destructive migratory pests that fly hundreds of metres above ground and are difficult to monitor. High-altitude attraction and collection supports intelligent monitoring and early warning. The effective collection height is 500-1,000 m. Effective against migratory pests including fall armyworm, cotton bollworm, beet armyworm, cutworm, meadow moth and planthoppers.

产品优势

Product Advantages

诱虫光源

Insect Attraction Light Source

光柱高度500-1000米，1000W金属卤化物灯

Attraction height: 500-1,000 m; 1,000 W metal-halide lamp.

供电方式

Power Supply

AC220V/DC24V(直流、交流)供电可选

AC 220 V or DC 24 V power supply available.

高清相机

High-Resolution Camera

内置高清摄像机，实现虫体高清拍照

Built-in camera captures clear insect images.

红外线杀虫

Infrared Insect Killing

虫体致死率≥98%；虫体完整率≥95%。

Insect mortality ≥98%; specimen integrity ≥95%.

虫体识别、计数

Insect Identification and Counting

拍照虫体不堆积保证识别准确

Non-overlapping insect images ensure accurate identification.

全天候无人值守

All-Weather Unattended Operation

具备光控、雨控、温控功能。

Light, rain and temperature control.

天黑自动工作，雨天自动停止工作。

Runs automatically in sunshine and stops during rain.



害虫性诱自动监测设备

Automatic Pest Pheromone Monitoring Equipment

该设备集害虫诱捕、数据统计、数据传输、数据分析为一体，实现了定向诱虫、分类和统计、实时报传、远程监测、虫害预警和防治指导的自动化、智能化。具有性能稳定、操作简便、设置灵活等特点，可广泛应用于农业、林业、园林、仓储等诸多领域的害虫监测。

Integrates pest trapping, statistics, data transmission and analysis to automate targeted attraction, identification and counting, real-time reporting, remote monitoring, early warning and control guidance. Stable performance, easy operation and flexible settings make it suitable for farmland, forestry, orchards, storage facilities and other pest monitoring sites.

产品优势

Product Advantages

虫种测报多样

Broad Pest Coverage

果树害虫、农业害虫、仓储害虫、检疫类害虫。

Covers orchard, agricultural, stored-product and quarantine pests.

信息反馈多样

Flexible Reporting

随诱随报，定时反馈。

Instant detection reports and scheduled reporting.

虫口统计精确

Accurate Population Statistics

能够准确反应区域内害虫发生动态，为您进行病虫害预防提供科学依据。

Accurately tracks regional pest trends, providing a scientific basis for pest and disease prevention.

人机远程交互

Remote Access and Control

不受距离、地域限制。

Access and control the equipment remotely.

供电方式

Power Supply

采用太阳能供电方式，适合野外长期作业需要。

Solar power supports extended outdoor operation.

气象数据

Weather Data

可以增加风速、风向、空气温湿度、大气压等气象传感器来检测环境数据。

Optional sensors collect wind speed and direction, air temperature, humidity, atmospheric pressure and other environmental data.



病菌孢子智能采集设备

Intelligent Pathogen Spore Collection Equipment

采用物联网技术，专业百倍光学放大显微镜，可定时清晰拍摄孢子图片，远程上传至系统平台，便于实时查看田间孢子情况，实现全天候无人值守自动监测孢子情况；设有防雨装置，有效防止雨水进入设备；可实现语音自动控制，无需人工手动操作。

IoT technology and a professional 100x optical microscope capture clear spore images on a schedule and upload them remotely. View spore conditions in the field in real time with continuous unattended monitoring. Rain protection keeps water out. Voice control enables automatic operation without manual intervention.

产品优势

Product Advantages

防雨装置

Rain Protection

设有防雨装置，能够有效防止雨水进入设备。

Prevents rainwater from entering the equipment.

拍照装置

Imaging Device

采用光学显微成像系统，自动对焦。

Optical microscopic imaging with autofocus.

恒温装置

Temperature Control

加热制冷功能保证孢子培养需要的恒温条件。

Heating and cooling maintain a constant temperature for spore cultivation.

传动装置

Drive Mechanism

载玻片自动更换，具有更换提醒功能。

Automatic slide replacement with a replacement reminder.

传输装置

Data Transmission

采用以太网/4G传输方式，自动传输。

Automatic Ethernet/4G transmission.

操作方式

Operation

可实现语音自动控制，无需人工手动操作。

Voice control enables automatic operation without manual intervention.



小气候信息智能采集设备

Intelligent Microclimate Data Collection Equipment

可实时采集空气中温度、湿度、光照强度、风速风向、降雨量、光合辐射、二氧化碳浓度、一氧化碳浓度等农业气象参数。广泛应用于气象、设施农业、林业、园艺、畜牧业等领域，实现对设施农业综合生态信息自动监测、对环境进行自动控制和智能化管理。

Collects air temperature and humidity, light intensity, wind speed and direction, rainfall, photosynthetically active radiation, carbon dioxide, carbon monoxide and other agricultural weather data in real time. Suitable for meteorology, protected agriculture, forestry, horticulture and livestock farming, with automatic environmental monitoring, control and intelligent management.

产品优势

Product Advantages

供电方式

Power Supply

采用太阳能供电方式，适合野外长期作业需要。

Solar power supports extended autonomous operation outdoors.

云平台

Cloud Platform

可通过网页端或手机APP端远程查看实时及历史数据。

View real-time and historical data remotely on the web or mobile app.

按需定制

Custom Configuration

可根据用户需求，定制监测要素并设置传感器报警条件。

Customize monitoring variables and sensor alarm thresholds to your requirements.

传输方式

Data Transmission

支持RS232/RS485、USB、无线GPRS、以太网等方式。

Supports RS232/RS485, USB, wireless GPRS and Ethernet.



苗情智能远程监控设备

Intelligent Remote Crop Monitoring Equipment

主要用于农林病虫的远程诊断、预测、预报、预警、研究和监测控制等工作领域，通过网络实时传输到相关地区和部门，快速准确预测预报监控区的病虫害发生动态、环境因子，分析种群的空间格局，植保专家远程实时遥控诊断。

Supports remote diagnosis, forecasting, reporting, early warning, research and monitoring of agricultural and forestry pests and diseases. Real-time network transmission supplies regional departments with timely, accurate information on pest populations and environmental factors. Population spatial patterns can be analysed, and plant protection experts can remotely diagnose crop conditions.

产品优势

Product Advantages

供电方式

Power Supply

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远程专家会诊

Remote Expert Consultation

病虫害实时发生情况同步传输，快速诊断，减少农业损失。

Shares real-time pest and disease conditions for rapid diagnosis and lower agricultural losses.

远程监控

Remote Monitoring

无需到达田间地头即可查看作物长势、病虫害实时发生情况。

Check crop growth and pest or disease conditions remotely without visiting the field.

云平台

Cloud Platform

可通过电脑或手机APP端自动控制云台作业。

Automatically control the pan-tilt camera through a computer or mobile app.



土壤墒情智能采集设备

Intelligent Soil Moisture Data Collection Equipment

实现了墒情数据的自动传输、处理和统计，使墒情监测信息能较及时、全面、准确的提供墒情情报，并准确地分析墒情发展趋势，准确、及时开展预测、预报工作，指导农民及时开展农事活动。

Automatically transmits, processes and analyses soil moisture data, providing timely, comprehensive and accurate soil water information. Analyses moisture trends and supports forecasts and early warning, helping farmers carry out agricultural activities at the right time.

产品优势

Product Advantages

供电方式

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Solar power supports extended autonomous operation outdoors.

云平台

Cloud Platform

可通过电脑或手机APP端远程查看实时及历史数据。

View real-time and historical data remotely on a computer or mobile app.

按需定制

Custom Configuration

可根据用户需求，定制监测要素。

Customize monitoring variables to your requirements.

安装简单

Easy Installation

系统集成化程度高，易操作，无需工程师现场调试。

Highly integrated and easy to operate; no on-site engineering commissioning is required.



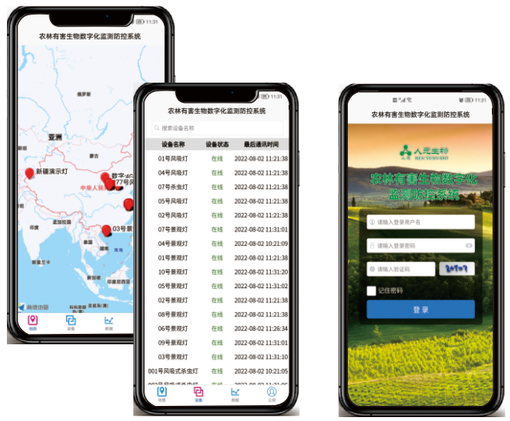
农林有害生物数字化绿色防控系统

Digital Green Pest Control System for Agriculture and Forestry

由数字化物联网风吸式太阳能杀虫灯、4G物联网无线传输模块、阿里云服务器组成，通过无线网络实现信息传输和贮存的自动化、智能化、信息化，实现数字化物联网风吸式太阳能杀虫灯的智能化控制和信息的无线传输。

Combines digital IoT solar suction insect traps, a 4G wireless transmission module and Alibaba Cloud services. Wireless networking automates and integrates data transmission and storage, intelligent control and remote wireless information exchange for the traps.





物联网太阳能杀虫灯

IoT Solar Insect Trap

可以及时掌握布局在辖区内杀虫灯的分布地点（经纬度）、实时工作状态等相关信息，同时杀虫灯发生故障，也可以通过Web端或手机APP端进行故障报警，售后服务人员可以在第一时间根据系统导航进行维修，保障杀虫灯的工作效率，提升杀虫灯的杀虫效果，降低辖区内的害虫基数。

Shows each insect trap's geographic location and real-time operating status. Fault alerts can be sent via the web or mobile app so service staff can promptly navigate to the site for repairs. This maintains trap performance, improves pest control and reduces pest populations in the managed area.

产品优势

Product Advantages

北斗定位

BeiDou Positioning

通过北斗卫星实现杀虫灯定位，当杀虫灯发生故障时，可以快速到达杀虫灯现场。

Satellite positioning locates each trap, enabling prompt on-site response to faults.

监控设备工作状态

Operating Status Monitoring

可通过电脑和APP远程查看设备定位、配置、工作电压、工作电流等信息。

View device location, configuration, operating voltage and current remotely on a computer or app.

远程控制设备运行状态

Remote Operation Control

可通过电脑和APP批量控制杀虫灯的开启和关闭。

Switch groups of insect traps on or off from a computer or app.

远程报警

Remote Fault Alerts

设备出现故障时可通过电脑和APP进行报警，提醒售后服务人员进行及时维修。

Fault alerts sent to a computer or app remind service staff to arrange prompt repairs.



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物联网风吸式杀虫灯

IoT Suction Insect Trap

主要利用 LED 灯管光源将害虫诱集过来，然后通过风叶产生负压，将害虫吸入集虫袋或集虫箱内，通过手机APP及网页web端可以实现对太阳能风吸式杀虫灯的智能化控制。

LED light attracts pests, and fan-generated negative pressure draws them into a collection bag or insect box. Intelligent control of the solar suction insect trap is available through a mobile app or IoT web interface.

产品优势

Product Advantages



风吸式杀虫

Suction Insect Control

环保、节能、安全、高效。

Eco-friendly, energy-efficient, safe and effective.

光控开关

Light-Control Switch

冬天不使用灯的状态下，可以关闭光控开关，只充电不放电，保护电池使用寿命。

In winter, turn off the light-control switch so the battery charges without discharging, extending battery life.

防雨设计

Rain Protection

配置有防雨装置，保证雨天正常工作。

Rain protection ensures reliable operation in wet weather.

物联网功能

IoT Functions

可通过电脑端或手机APP端查看设备定位、工作状态、控制设备运行。

View device location and operating status, and control operation through a computer or mobile app.

数字化物联网害虫诱捕装置

Digital IoT Pest Trapping Device

不仅能够诱杀害虫，还可以按照害虫大小收集到不同的收集装置里，这样可以方便测报人员对害虫进行统计、分析。

Attracts and kills pests, then sorts specimens by size into separate collection compartments for convenient statistical analysis by monitoring staff.

产品优势

Product Advantages



高效杀虫

Efficient Insect Control

风机功率大于传统风机功率，捕杀效率高。

Higher fan power than conventional models delivers more efficient trapping.

虫体分层存放

Layered Insect Storage

按照虫体大小，分层存放，便于统计分析。

Specimens are separated by size for convenient statistical analysis.

诱集光源按需

Custom Attraction Light Source

根据用户农作物种植及病虫害发生情况，
定制特定波段的光源。

The light wavelength can be customized to suit the crops and local pest and disease conditions.

物联网功能

IoT Functions

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风吸式太阳能杀虫灯

Solar Suction Insect Trap

主要是利用 LED 灯管光源将害虫诱集过来，然后通过风叶产生负压，将害虫吸入集虫袋或集虫箱内，不仅能够起到杀灭害虫的目的，也能起到夜间照明、美化环境的作用，同时该产品采用太阳能光伏发电、LED 电子技术，更加地绿色、节能、环保。

LED light attracts pests, then a fan creates negative pressure to draw them into a collection bag or insect box. The device also provides night lighting and enhances the surroundings. Solar photovoltaic power and LED technology deliver green, energy-efficient operation.

产品优势

Product Advantages



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In winter, turn off the light-control switch so the battery charges without discharging, extending battery life.

防水设计

Rain Protection

配置有防雨装置，保证雨天正常工作。

Rain protection ensures reliable operation in wet weather.

灯管、电池防盗设计

Lamp and Battery Theft Protection

灯管安装于旋涡罩内，电池安装于杀虫灯灯体内，均具有防盗功能。

The lamp sits inside the vortex housing and the battery inside the body, protecting both against theft.

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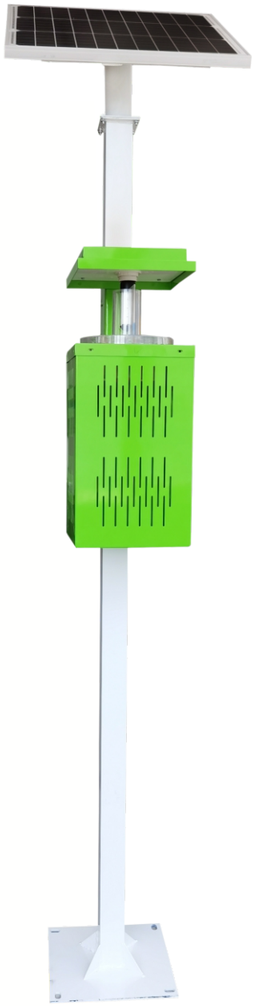
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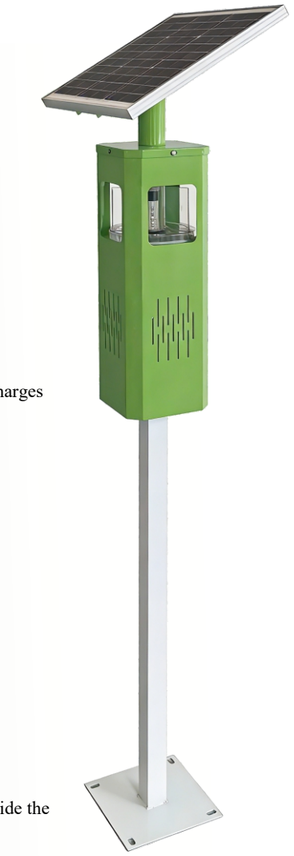
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景观风吸式太阳能杀虫灯

Landscape Solar Suction Insect Trap

利用害虫对特定波段光源的敏感性，LED灯管发出特定波段光源，引诱害虫扑灯，当趋光昆虫围绕LED灯管盘旋时，通过撞击撞击屏撞晕后，风扇产生负压将害虫吸入集虫箱内。不仅能够起到杀灭害虫的作用，也能起到夜间照明、美化环境的作用。

LED lamps emit light at specific wavelengths to attract light-sensitive pests. Insects flying around the lamp strike the impact screen and lose their orientation; a fan then creates negative pressure to draw them into the collection container. The device controls pests while providing night lighting and improving the appearance of its surroundings.

产品优势

Product Advantages

一灯两用

Two-in-One

杀灭害虫、夜间照明。

Pest control and night lighting.

节能环保

Energy Efficiency and Environmental Protection

使用LED诱虫光源、LED照明光源，
更加节能环保。

LED insect-attraction and lighting sources improve energy efficiency and environmental performance.

定向诱虫

Targeted Pest Attraction

使用特定波段光源诱杀特定害
虫，保护天敌。

Light at specific wavelengths selectively attracts target pests while protecting their natural enemies.

按需定制

Custom Design

灯箱外部图案可以根据用户需
求进行定制。

The lamp housing graphics can be customized to customer requirements.



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Product Advantages

一灯两用

Two-in-One

杀灭害虫、夜间照明。

Pest control and night lighting.

节能环保

Energy Efficiency and Environmental Protection

使用LED诱虫光源、LED照明光源，更加节能环保。

LED insect-attraction and lighting sources improve energy efficiency and environmental performance.

定向诱虫

Targeted Pest Attraction

使用特定波段光源诱杀特定害虫，保护天敌。

Light at specific wavelengths selectively attracts target pests while protecting their natural enemies.

按需定制

Custom Design

灯箱外部图案可以根据用户需求进行定制。

The lamp housing graphics can be customized to customer requirements.



路灯式太阳能杀虫灯

Streetlight-Type Solar Insect Trap

将杀虫灯与太阳能路灯集成在一起制作而成。传统路灯到了晚上灯下方总是聚集着大量趋光性昆虫，现在与杀虫灯集成在一起，可以提高路灯的利用率，控制一定范围的害虫密度，起到杀虫控虫的目的。

Integrates an insect trap with a solar streetlight. Traditional streetlights attract large numbers of light-sensitive insects at night. Adding an insect trap improves the use of the lighting installation and controls pest populations within the surrounding area.

产品优势

Product Advantages

一灯两用

Two-in-One

杀灭害虫、夜间照明。

Pest control and night lighting.

外型美观

Attractive Appearance

灯杆高度、LED照明功率可根据客户需求进行定制。

Pole height and LED lighting power can be customized.

节能环保

Energy Efficiency and Environmental Protection

使用LED诱虫光源、LED照明光源及太阳能充电模式，更加节能环保。

LED attraction and lighting sources, together with solar charging, improve energy efficiency and environmental performance.

按需定制

Custom Design

灯箱外部图案可以根据用户需求进行定制。

The lamp housing graphics can be customized to customer requirements.



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Streetlight-Type Solar Insect Trap

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Integrates an insect trap with a solar streetlight. Traditional streetlights attract large numbers of light-sensitive insects at night. Adding an insect trap improves the use of the lighting installation and controls pest populations within the surrounding area.

产品优势

Product Advantages



一灯两用

Two-in-One

杀灭害虫、夜间照明。

Pest control and night lighting.

外型美观

Attractive Appearance

灯杆高度、LED照明功率可根据客户需求进行定制。

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节能环保

Energy Efficiency and Environmental Protection

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LED attraction and lighting sources, together with solar charging, improve energy efficiency and environmental performance.

按需定制

Custom Design

灯箱外部图案可以根据用户需求进行定制。

The lamp housing graphics can be customized to customer requirements.

电击式灭蝇灯

Electric Fly Trap

利用飞虫对特定波长紫外线的强趋光性，结合瞬间高压电网技术，实现对苍蝇、蚊子、蛾类等飞行害虫的快速诱捕与彻底杀灭。以“强力诱捕、瞬间击杀、直观反馈”为核心优势，是养殖场、有机肥厂、仓库、车库、户外庭院及非食品加工区理想的虫害防治解决方案。

Uses the strong attraction of ultraviolet light at specific wavelengths and a high-voltage electric grid to quickly attract and kill flies, mosquitoes, moths and other flying pests. Powerful attraction, instant killing and visible results make it suitable for livestock farms, organic fertilizer plants, warehouses, garages, courtyards and other areas outside food processing.

产品优势

Product Advantages



超强诱捕力

Powerful Attraction

杀灭害虫、夜间照明。

Pest control and night lighting.

高压电网

High-Voltage Grid

瞬间电击杀灭，自动落入集虫盒，避免二次污染。

Instant electrical killing with automatic collection in the insect box prevents secondary contamination.

节能省电 · 24小时守护

Energy Saving - 24-Hour Protection

低功耗设计，支持全天开启，夜间自动增强诱虫效果，切断苍蝇等繁殖链。

Low power consumption enables continuous operation. Attraction automatically increases at night, interrupting the breeding cycle of flies and other insects.

工业级耐用

Industrial Durability

使用LED诱虫光源、LED照明光源，更加节能环保。

LED insect-attraction and lighting sources improve energy efficiency and environmental performance.

无化学残留

No Chemical Residues

纯物理灭杀，不使用任何农药，杜绝药物残留。

Purely physical pest control without pesticides eliminates chemical residues.

诱虫板

Sticky Insect Board

诱虫板可有效诱集、粘着各种昆虫、用于监测害虫动态或大田防治。根据害虫发生规律开始使用，可有效控制害虫初期数量，减少农药用量，促进生物物理防治。该系列有：红、黄、蓝、绿、白、灰等十种颜色，最常用的是黄板和蓝板。

广泛应用于日光温室、大田、苗圃、花园、果园、家畜养殖场、水果蔬菜储藏库等。

Sticky boards attract and retain insects for pest monitoring and field control. Use them in line with seasonal pest activity to reduce initial pest populations and pesticide use, and to support biological and physical control. Available in red, yellow, blue, green, white, grey and other colours; yellow and blue are the most commonly used.

Widely used in greenhouses, open fields, nurseries, gardens, orchards, livestock farms and fruit and vegetable stores.

产品优势

Product Advantages

打开即用

Ready to Use

打开即用，使用方便、安全、高效。

No preparation required; convenient, safe and effective.

特定板材

Special Board Material

平整不卷曲，防水高粘度胶，抗晒、淋、高温不老化，持久耐用。

Flat, warp-resistant board with waterproof adhesive; withstands sunlight and high temperatures for long-lasting performance.

特殊色谱

Colour Attraction

双面诱捕，防治效果显著。

Double-sided attraction delivers effective crop protection.







信息素诱捕器

Pheromone Trap

利用昆虫分泌的特定化学物质（信息素）来引诱并捕获目标害虫的装置，是现代农林害虫“绿色防控”体系中的核心工具之一，具有高效、专一性强、对环境友好等显著特点。

Uses insect-specific chemicals (pheromones) to attract and capture target pests. A key tool in green crop and forestry protection, it offers high efficiency, strong selectivity and environmental compatibility.

产品优势

Product Advantages

高度专一性

High Selectivity

只针对靶标害虫，不伤害蜜蜂、瓢虫等天敌昆虫，保护生物多样性。

Targets pests without harming bees, ladybirds or other beneficial insects, helping conserve biodiversity.

无农药残留

No Pesticide Residues

不使用化学毒剂，有助于生产绿色、有机农产品，符合食品安全标准。

No chemical toxicants; supports green and organic production and food safety standards.

延缓抗药性

Delays Resistance

通过物理捕获和干扰交配，避免了害虫对化学药剂产生抗药性。

Physical capture and mating disruption reduce the development of pesticide resistance.

监测预警

Monitoring and Early Warning

除了直接杀灭，还常用于虫情监测。

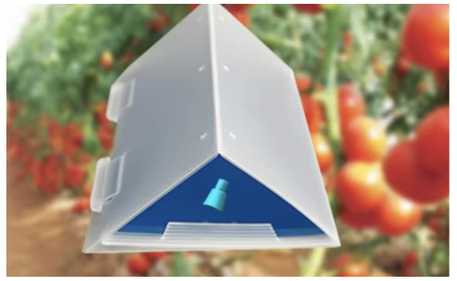
Also widely used to monitor pest populations.











成功案例
Application Cases

































Rw促腐剂

Rw Composting Accelerator

Rw促腐剂是河南省微生物菌剂工程技术研究中心、河南省农业废弃物资源化综合利用工程研究中心和河南省企业技术中心共同研制的高新技术产品。本品根据好氧发酵各阶段特点，科学调配超低温、低温、中温、高温、超高温菌株比例，且富含能够强烈分解畜禽类粪便的细菌、丝状菌、酵母菌及高温除臭菌等多种菌株及相关酶类。好氧发酵、分解粗纤维、木质素能力极强，同时能够达到升温、除臭、消除病虫害、杂草种子和富集养分的效果。

Developed jointly by the Henan Microbial Inoculant Engineering Technology Research Center, the Henan Engineering Research Center for Comprehensive Agricultural Waste Utilization and the Henan Enterprise Technology Center. A scientifically selected blend of strains adapted to different stages of aerobic fermentation, from low and medium to high and ultra-high temperatures. It contains over ten strains of cellulose-degrading bacteria, actinomycetes, yeasts and heat-resistant spore-forming bacteria. It ferments readily and rapidly decomposes fibre and proteins while raising pile temperature, deodorizing, suppressing pathogens and pests, and inactivating weed seeds, with a nutrient-enriching effect.



Rw酵素剂

Rw Enzyme Preparation

Rw酵素剂是河南省微生物菌剂工程技术研究中心、河南省农业废弃物资源化综合利用工程研究中心和河南省企业技术中心共同研制的高新技术产品。本品根据好氧发酵各阶段特点，科学调配超低温、低温、中温、高温、超高温菌株比例，且富含能够强烈分解畜禽类粪便的细菌、丝状菌、酵母菌、高温除臭菌等多种菌株及相关酶类。好氧发酵、分解蛋白质能力极强，同时能够达到升温、除臭、消除病虫害、杂草种子和富集养分的效果。

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主要技术指标 Main Technical Indicators	促腐剂 Rw Composting Accelerator	酵素剂 Rw Enzyme Preparation
有效活菌数（cfu）/(×10⁸/g) Viable Microorganisms (CFU/g; x 10^8)	≥200.0	≥200.0
纤维素酶活(U/g) Cellulase Activity (U/g)	≥50.0	≥30.0
蛋白酶活(U/g) Protease Activity (U/g)	≥30.0	≥50.0
水分(%) Moisture (%)	≤20.0	≤20.0
pH值 pH	6.0-8.0	6.0-8.0
有效期/月 Shelf Life (months)	24	24

Rw高效促腐剂

Rw High-Efficiency Composting Accelerator

Rw高效促腐剂是河南省微生物菌剂工程技术研究中心、河南省农业废弃物资源化综合利用工程研究中心和河南省企业技术中心共同研制的高新技术产品，具有充分分解富含纤维素的农业有机废弃物的功能，是由低、中、高温芽孢杆菌、高温固氮菌、高温纤维素分解菌、放线菌、真菌、酵母、乳酸菌等十多种菌株及相关酶类复配而成，好氧发酵、充分分解粗纤维，同时能够达到升温、除臭、消除病虫害、杂草种子和富集养分的效果。

Developed jointly by the Henan Microbial Inoculant Engineering Technology Research Center, the Henan Engineering Research Center for Comprehensive Agricultural Waste Utilization and the Henan Enterprise Technology Center. Rapidly decomposes cellulose-rich agricultural organic waste. Contains more than ten strains, including low-, medium- and high-temperature Bacillus, heat-resistant Bacillus, thermophilic cellulose-degrading bacteria, actinomycetes, yeasts and lactic acid bacteria. It ferments readily and thoroughly decomposes fibre or proteins while raising pile temperature, deodorizing, suppressing pathogens and pests, and inactivating weed seeds, with a nutrient-enriching effect.



Rw高效酵素剂

Rw High-Efficiency Enzyme Preparation

Rw高效酵素剂是河南省微生物菌剂工程技术研究中心、河南省农业废弃物资源化综合利用工程研究中心和河南省企业技术中心共同研制的高新技术产品，具有充分分解富含蛋白质的畜禽粪便等有机废弃物的功能，是由低、中、高温芽孢杆菌、高温固氮菌、高温氨基酸转化菌、放线菌、真菌、酵母、乳酸菌等十多种菌株及相关酶类复配而成，好氧发酵、充分分解蛋白质，同时能够达到升温、除臭、消除病虫害、杂草种子和富集养分的效果。

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主要技术指标 Main Technical Indicators	高效促腐剂 Rw High-Efficiency Composting Accelerator	高效酵素剂 Rw High-Efficiency Enzyme Preparation
有效活菌数（cfu）/(×10⁸/g) Viable Microorganisms (CFU/g; x 10^8)	≥500.0	≥500.0
纤维素酶活(U/g) Cellulase Activity (U/g)	≥90.0	≥60.0
蛋白酶活(U/g) Protease Activity (U/g)	≥50.0	≥70.0
水分(%) Moisture (%)	≤20.0	≤20.0
pH值 pH	6.0-8.0	6.0-8.0
有效期/月 Shelf Life (months)	24	24

有机肥料

Organic Fertilizer



本有机肥料与传统鸡粪使用相比，通过高温发酵的有机肥对粪便中的病毒、病菌、虫卵等有害物质无害化处理，达到了增加肥效，遏止作物病虫害，减少农药使用量目的，有机肥料适用于粮食、蔬菜、瓜果等。

本有机肥含有氮、磷、钾基本元素，又含有大量的农作物所必须的有机质、氨基酸和微量元素，是集化学肥料的速效，菌种和微量元素的增效，有机质的长效为一体的优质肥料。该有机肥选料精良、配方合理、养分均衡、肥效持久，是一种生态型肥料。

Compared with fresh chicken manure, high-temperature fermented organic fertilizer inactivates viruses, pathogens and parasite eggs. It improves fertilizer performance, reduces crop diseases and pesticide use, and is recommended for grain crops, vegetables, melons and fruit.

It supplies nitrogen, phosphorus, potassium, abundant organic matter, amino acids and trace elements. Its complete nutrients and balanced composition support prolonged feeding and high-quality crop production. It is a safe, ecological base fertilizer.

功能特点

Functional Features

1、含有中微量元素，提高肥料的利用率，增强肥效，促进作物生长。
1. Supplies trace elements, improves nutrient uptake and fertilizer efficiency, and promotes growth.
2、活化土壤，提高土壤有机质含量，改良土壤状况。
2. Activates soil, increases soil organic matter and improves soil structure.
3、改善作物品质，提高作物产量。
3. Improves crop quality and storability.
4、绿色环保，无化学污染。
4. Environmentally friendly, without chemical pollution.

生物有机肥

Bio-Organic Fertilizer

生物有机肥是一种微生物肥料，本品不仅含有固氮、解磷、解钾活性菌和丰富的有机质，还含有多种微量元素及多种促进植物生长的物质。

A microbial fertilizer containing active nitrogen-fixing, phosphorus-solubilizing and potassium-solubilizing microorganisms, abundant organic matter, multiple trace elements and substances that promote plant growth.



功能特点

Functional Features

1、配方科学，含有益微生物菌，能够改善土壤有益微生物环境，抑制病虫害。
1. A scientific microbial blend improves soil conditions and suppresses pests and diseases.
2、活化土壤、培肥地力、改善土壤环境，提高土壤微量元素含量。
2. Activates soil, increases fertility, improves soil structure and replenishes trace elements.
3、绿色环保，无化学污染。
3. Environmentally friendly, without chemical pollution.
4、促进植物根系生长，预防病虫害。
4. Promotes root growth and helps prevent crop pests and diseases.
5、提高作物品质，促进作物早熟，提高肥料利用率。
5. Improves crop quality, promotes earlier maturity and increases fertilizer efficiency.

微生物菌剂（菌肥）

Microbial Inoculant (Microbial Fertilizer)



本品是一种微生物制剂，由多种有益菌复合而成，有益微生物菌群相互作用，有效抑制土壤中30余种常见土传病害，降低作物的连作障碍，促进作物生长。

Combines beneficial microorganisms whose synergistic action suppresses more than 30 common soil-borne diseases, reduces continuous-cropping problems and promotes crop growth.

功能特点

Functional Features

1　促根壮苗：微生物通过刺激根系的生长　使作物更好的吸收养分　促进作物生长发育。
1. Root growth: metabolites stimulate root development, improving nutrient uptake and crop growth.

2、调节酸碱：微生物有丰富的代谢产物，可消除土壤板结，疏松土壤，中和酸碱度，降低土壤盐碱毒害。
2. Acidity and salinity: microbial metabolites relieve compaction, loosen soil and reduce soil acidity and salinity.

3、以菌制菌：有益微生物菌群能够侵染致病菌，有效的抑制根结线虫、根腐病等，起到生物防治的作用。
3. Pathogen suppression: beneficial microbial colonies suppress pathogens and help prevent root rot, wilt and other diseases.

4、抗病防病：补充土壤中有益微生物菌群，多种高浓度高活性的有益微生物能够抑制有害菌的生长，减少病虫害的发生。
4. Disease resistance: beneficial microorganisms and their concentrated metabolites suppress pathogens and reduce disease.

5、提高品质：在有益微生物的作用下，有效恢复作物的原生态功能，大幅度提高成活率和产量，作物品质更高。
5. Crop quality: microbial activity restores the crop habitat and substantially improves survival, yield and quality.

复合微生物肥料

Compound Microbial Fertilizer

本产品是集有机肥料、化学肥料和微生物肥料的优点于一体的环保型肥料。复合微生物肥体现化学肥料、有机肥料以及微生物肥料的综合效果，对化解土壤板结现象，修复和调理土壤，改进农产品质量，强化土壤微生物区系具有显著效果，并能提高作物的抗性，提高化学肥料利用率，减少土壤污染，减少病虫害发生。

An environmentally friendly fertilizer combining organic, chemical and microbial fertilizers. Their combined action improves compacted soil, restores soil condition and crop quality, and strengthens beneficial soil microorganisms. It increases crop resistance and chemical fertilizer efficiency while reducing pollution, pests and diseases.

功能特点

Functional Features

1、活化土壤，提高土壤肥力：能改善土壤结构和理化性状，消除板结，保水保肥，抗旱抗寒，增加土壤的供肥能力。
1. Activates and enriches soil; improves structure, reduces salinity, retains moisture and resists drought and waterlogging.

2、抑制病害，增强抗性：本品接种有抗病微生物菌剂，能够抑制病虫繁殖，通过对成虫、幼虫侵染作用，达到抑病防虫的效果。
2. Disease suppression and resistance: beneficial microbial strains suppress pathogens and pests, including cutworms and grubs.

3、科学搭配，供肥平衡：养分科学搭配，见效快；有机养分全面，肥效持久。改良土壤，促进作物生长，增产增收。
3. Balanced nutrition: a scientific blend supplies lasting nutrients, improves soil and promotes growth and yield.

4、提高品质，改善口感：改善作物的营养供应，养分科学供应，有利于作物营养的吸收，提高产品的品质。
4. Improved quality: stimulates nutrient supply and uptake, improving the nutritional and commercial quality of crops.

5、节约能源，降低污染：肥效持续时间长，可以减少化肥施用量，复合微生物具有降解和转化土壤中易吸收的物质。
5. Resource savings: prolonged effectiveness reduces fertilizer use, while microbial activity decomposes and transforms soil nutrients for crop uptake.



含氨基酸水溶肥料

Amino Acid Water-Soluble Fertilizer



营养均衡　容易吸收　Balanced nutrition and easy absorption
促芽分化　改善品质　Promotes bud differentiation and improves quality

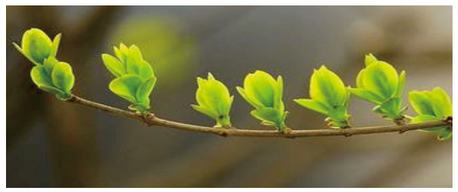
【执行标准】 NY1429-2010　Standard: NY1429-2010
【登记证号】 农肥（2018）准字8242号　Registration No.: N.F. (2018) Z.Z. No. 8242

功能特点

Functional Features

本品营养均衡，易吸收，可满足作物在不同时期对营养的需求。本品有利于增强作物光合作用，促进花芽分化，促进作物根系生长，有效改善作物品质、提高作物产量。

Balanced nutrients are readily absorbed and meet crop needs at different growth stages. Promotes photosynthesis, bud differentiation and root growth, effectively improving crop quality and yield.



含腐植酸水溶肥料

Humic Acid Water-Soluble Fertilizer



促根生长　吸收养分　Promotes root growth and nutrient uptake
促花分化　提高品质　Promotes bud differentiation and improves quality

【执行标准】 NY1106-2010　Standard: NY1106-2010
【登记证号】 农肥（2018）准字8244号　Registration No.: N.F. (2018) Z.Z. No. 8244

功能特点

Functional Features

本品养分全面，可促进作物根系生长，提高作物吸收养分的能力；可提高作物光合作用，促进花芽分化，提高农产品品质；活化土壤中可利用的养分粒子，破解土壤板结，改良土壤。

Complete nutrients promote root growth and uptake, improve photosynthesis, bud differentiation and product quality, activate available soil nutrients, relieve compaction and improve soil structure.





大量元素水溶肥料 （高钾型）

Macronutrient Water-Soluble Fertilizer (High Potassium)

【执 行 标 准】 NY/T 1107-2020　Standard: NY/T 1107-2020
【农业部备案号】 DLSRHEN2022-00722　Ministry of Agriculture Registration No.: DLSRHEN2022-00722

本配方为高钾配方，适合作物膨果、着色、增甜时使用，明显提高产量和经济效益。

A high-potassium formulation for fruit enlargement, colouring and sweetening. It significantly improves yield and economic returns.







大量元素水溶肥料 （平衡型）

Macronutrient Water-Soluble Fertilizer (Balanced)

【执 行 标 准】 NY/T 1107-2020　Standard: NY/T 1107-2020
【农业部备案号】 DLSRHEN2022-00722　Ministry of Agriculture Registration No.: DLSRHEN2022-00722

本配方是通用型配方，适合作物萌芽、展叶、促梢时使用，解决植株生长不良性状,为作物提供均衡营养。

A general-purpose formulation for bud growth, leaf expansion and shoot development. It corrects poor growth and supplies balanced crop nutrition.



全液压履带式翻堆机

Fully Hydraulic Crawler Compost Turner

设备的主要用途及特点

Main Uses and Features

全液压履带式翻堆机是我们在采纳多个发达国家同类产品的成熟机型的优点上，结合中国国情设计出的全液压履带式翻堆机，具有设计紧凑，操作简单，节省工作场地等特点。该机采用了车架整体升降的设计，在移换工作场地或翻堆高度需要改变时，可升降车架高度，让操作更便利化。

Developed from proven designs used by leading international manufacturers and adapted to Chinese conditions. Its compact structure is easy to operate and requires little working space. The integrated frame design allows the entire machine to be hydraulically raised for relocation or turning-height adjustment, making operation more convenient.

主要技术参数：（外形尺寸 3400×5300×3900）

Main Technical Specifications (overall dimensions: 3400 x 5300 x 3900 mm)

翻堆机型号 Model	RY-YFD4000	额定功率(kw) Rated Power (kW)	194
翻堆宽度(mm) Turning Width (mm)	4000	最大扭矩（N·m） Max. Torque (N.m)	1135
翻堆高度(m) Turning Height (m)	1.9	最低燃油率（g/kw·h) Min. Fuel Use (g/kWh)	≤231
履带宽度(m) Track Width (m)	2×0.35	工作刀直径(mm) Blade Diameter (mm)	1050
堆积物间距(m) Pile Spacing (m)	0.6	最大处理能力(m^3/h) Max. Throughput (m3/h)	1596
物料颗粒最大(mm) Max. Feed Size (mm)	Φ250	气缸数 Number of Cylinders	6
转弯半径(mm) Turning Radius (mm)	2400	气缸容积（L) Engine Displacement (L)	8.3
前进速度(m/min) Forward Speed (m/min)	0-10	电池（V) Battery (V)	12V/150A*2
后退速度(m/min) Reverse Speed (m/min)	0-10	油箱容积（L) Fuel Tank Capacity (L)	150
处理能力计算 Calculated Throughput	7m/min(速度)×60min(时间)×4m(宽）×1.9m(高）÷2=1596方/时 7 m/min (speed) x 60 min (time) x 4 m (width) x 1.9 m (height) / 2 = 1596 m3/h		
发动机品牌 Engine Brand	东风康明斯6BTA8.3-C260（斯太尔） Dongfeng Cummins 6BTA8.3-C260 (Steyr)		



叶轮式发酵翻抛机

Wheel-Type Fermentation Turner

设备的主要用途及特点

Main Uses and Features

叶轮式发酵翻抛机（以下简称翻抛机），是我公司专业生产的有机肥设备，主要用于有机废弃物生物发酵制造有机肥过程中，对发酵物料进行翻料、降温、增氧。

该机设计新颖、结构简单、结实耐用。电控系统具有自动化程度高等特点，分为自动、手动两种。根据用户需要可设计为60米内遥控操作。该机可根据贵单位物料厚度调整翻抛高度，具有翻料无死角、能耗低等特点。

A specialized organic fertilizer machine for turning material during fermentation, cooling and oxygenation. Its innovative design is compact and practical.

The electronic control system provides a high degree of automation in automatic or manual modes; an optional wireless remote control works from up to 60 m away. The turning height can be adjusted to suit material thickness, ensuring thorough turning with low energy use.

整机性能参数：

Technical Specifications

型 号 Model	生产能力 (m^3/h) Throughput (m3/h)	纵向速度 (m/min) Longitudinal Speed (m/min)	横向速度 (m/min) Transverse Speed (m/min)	提升速度 (m/s) Lifting Speed (m/s)	绞笼速度 (r/min) Auger Speed (r/min)	翻堆深度 (m) Turning Depth (m)
RY-YLF(6-30)	180-300	0-10	0-10	0.2	59	1.5-2.0

机电配置参数：

Electromechanical Configuration

型 号 Model	纵向行走电机 Longitudinal Motor	升降电机 Lifting Motor	横向行走电机 Transverse Motor	绞笼电机 Auger Drive Motor	绞笼减速机 Auger Gear Reducer
RY-YLF(6-30)	1.5kw×4	3kw	1.5kw×4	180L-4 (22kw、45kw、75kw)	KA127-1:23-Y22KW-4P
RY-YLF(6-30)	1.5kw×4	3kw	1.5kw×4	180L-4 (22kw、45kw、75kw)	KA127-1:23-Y45KW-4P
RY-YLF(6-30)	1.5kw×4	3kw	1.5kw×4	180L-4 (22kw、45kw、75kw)	KA157-1:23-Y75KW-4P



