




OZONAIID Co., Ltd.

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Address	Bio Convergence Center 2, 201-1, 102, Jejudaehak-ro, Jeju-si, Jeju-do, Korea		
major business	Post-Harvest Smart Farm Solution, Plasma Fresh Solution, Cold Sterilization&Solution, Air purification in Agrifood Industry		

Ozoneade Co., Ltd. provides a solution by combining a plasma agricultural product fresh maintenance device and a monitoring technology, a data-based management technology for fresh storage of agricultural products after harvesting. Using plasma, plasma active air such as ozone and nitrogen oxide is fused with ICT technology to research and develop sterilization, fresh storage, and growth activation technologies applicable to the agri-food industry.

Products

 MOS-1001s	Use	Extending the shelf life of agricultural product
	Description	Ozone generation 0.3g/hr by Air, Ozone Sensor Controlled
 PAS-1001	Use	Extending the shelf life of agricultural product
	Description	Ozone production of ~1 g/hr delayed aging of agricultural products, ethylene decomposition, microbial sterilization
 PAS-2001	Use	Extending the shelf life of agricultural product
	Description	Ozone production of ~10 g/hr delayed aging of agricultural products, ethylene decomposition, microbial sterilization

Technical Capacity

» Post-Harvest Smart Farm Solution

It is a fusion of 'farm product freshness maintenance' and 'data-based monitoring technology' that can maintain freshness when storing agricultural products after harvesting and monitor temperature, humidity, CO2 and ozone generation anywhere in real time

» Fresh storage and distribution technology of agricultural products

Technology to decompose ethylene produced by respiration of fresh agricultural products and control micro organisms of agricultural products

» Non-Thermal sterilization technology

Using gas-phase ozone or liquid ozonated water Technology to sterilize surface micro organisms of agricultural products

» Process microbial control technology

Technology to control the initial microbial level at the final stage through microbial quality control by controlling the microbes in each procwss at the processing of agro-food