



Mazda Advisory Services

02-2022

An in- depth study and advisories aimed at providing an overview and wherewithal on the machinery needed, their manufacture and sourcing possibilities from Europe, TO ENABLE NEXT GENERATION PROJECT PLANNING AND **START UP OF INDUSTRY IN RURAL , SEMI URBAN AREAS IN INDIA AS AGRO-INDUSTRIES AND HORTICULTURAL PRODUCE ORIENTED INDUSTRIES** TO ENABLE INDIA TURNING TOWARDS A VIABLE AGRO ECONOMY WITH A HIGHER SHARE OF OUR GDP IN THE YEARS AHEAD.

ADVISORIES WILL BE SPECIFIC TO TWO GEOGRAPHICAL REGIONS OF INDIA – NORTH INDIA AND SOUTH INDIA , *CODED: INDIA AGRO 2021- NORTH + INDIA AGRO 2021- SOUTH.*

*THESE EXHAUSTIVE DOSSIERS WILL BE PROVIDED WHEN READY, IN APPROXIMATELY 20 WEEKS, BY DECEMBER 31<sup>ST</sup> 2020*

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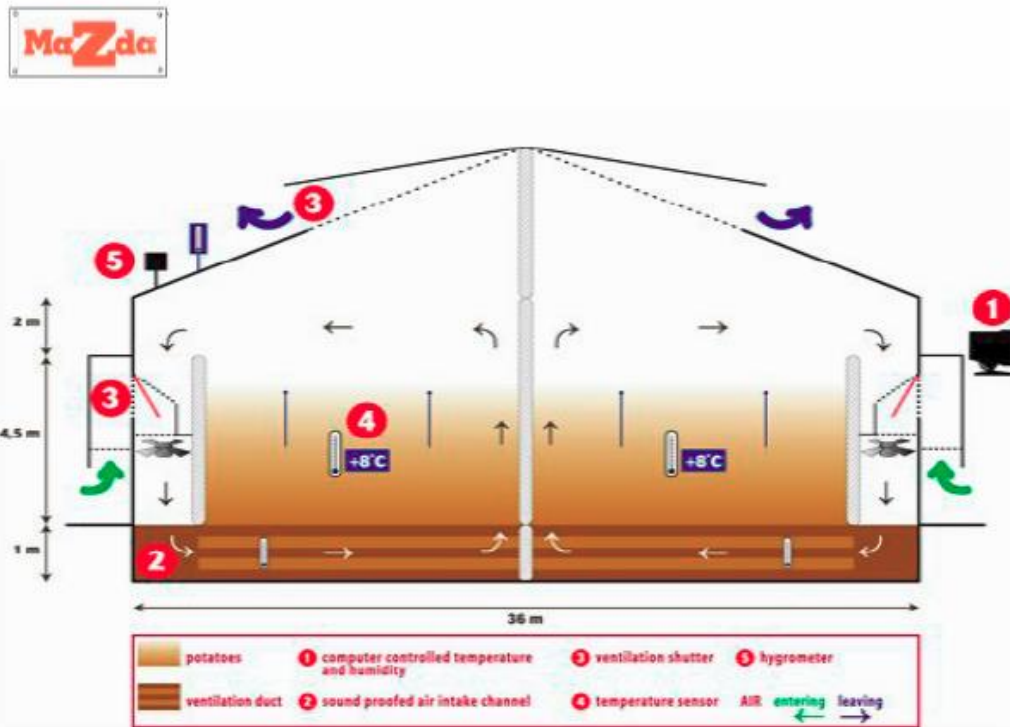
Our GROUP manufacturing facility at Pimpri, PUNE



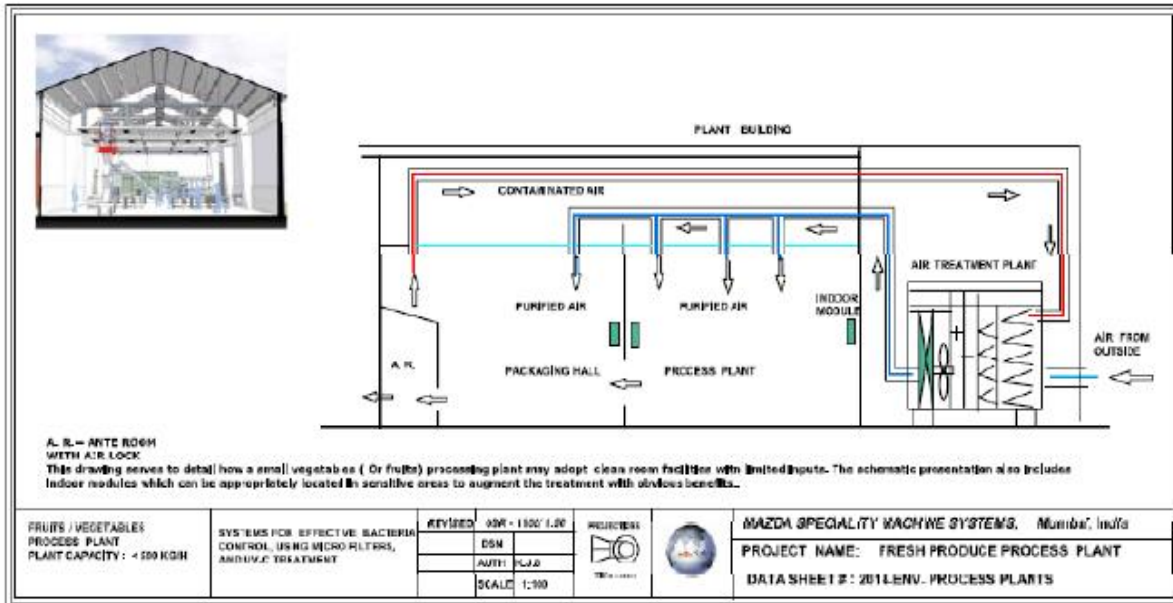
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Some examples...



Potato requirements are often stored at production sites. it is essential that special attention is paid to storage conditions. The potatoes are stored in huge air-conditioned warehouses at a temperature of 8°C. Temperature and moisture levels are to be accurately controlled.



Column construction – to eliminate pests

Creating Bacteria-free spaces

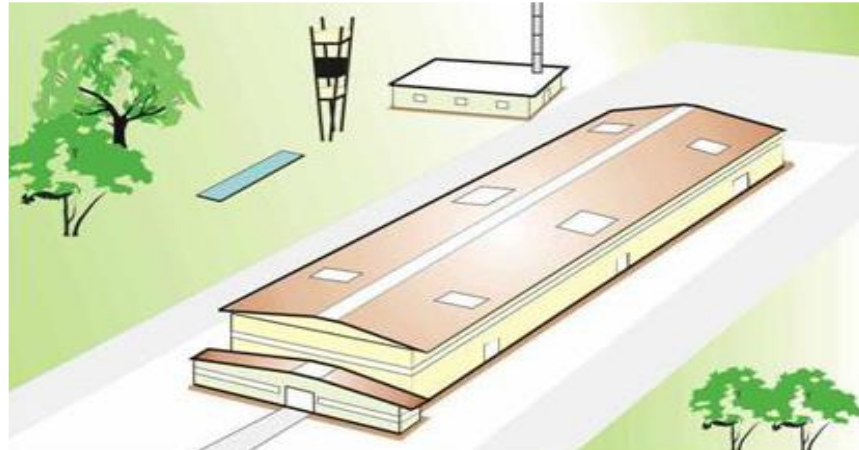
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**Plant Internals – Supervisors' cabins, Clean rooms, Prep room...**



**Rural below ground low temperature storage for fresh produce**

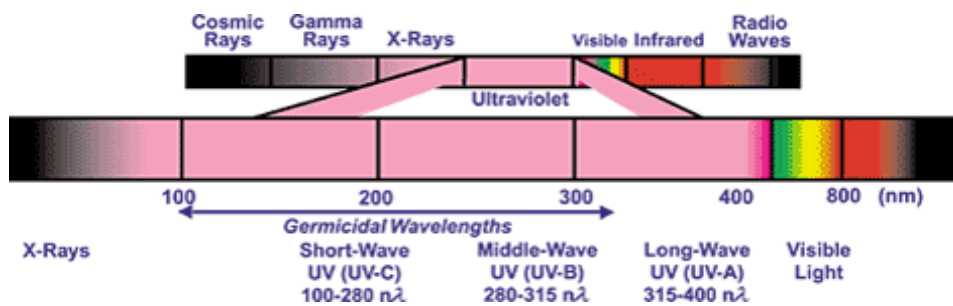


**A facade**



## ULTRAVIOLET LIGHT CHARACTERISTICS

Ultraviolet light is part of the light spectrum, which is classified into three wavelength ranges: UV-C, from 100 nanometers (nm) to 280 nm; UV-B, from 280 nm to 315 nm; and UV-A, from 315 nm to 400 nm.



UV-C light is germicidal - i.e., it deactivates the DNA of bacteria, viruses and other pathogens and thus destroys their ability to multiply and cause disease. Specifically, UV-C light causes damage to the nucleic acid of microorganisms by forming covalent bonds between certain adjacent bases in the DNA. The formation of such bonds prevent the DNA from being unzipped for replication, and the organism is unable to reproduce. In fact, when the organism tries to replicate, it dies.



*With significantly diversified activity in keeping with our tie-ups in Europe as well as our expanded clientele, We will now offer PROJECT ADVISORY SERVICES to enable a Techno-Economic Overview for projects in the FOOD PROCESSING PRESERVATION SECTOR.*

*Projects which may also require equipment and selective expertise from specialised organisations not necessarily our own but associated with MAZDA.*

**MAZDA SPECIALITY MACHINE SYSTEMS  
PROJECT PLANNING DIVISION**

**Mumbai, India**

**Internet : [www.mazmach.com](http://www.mazmach.com)**