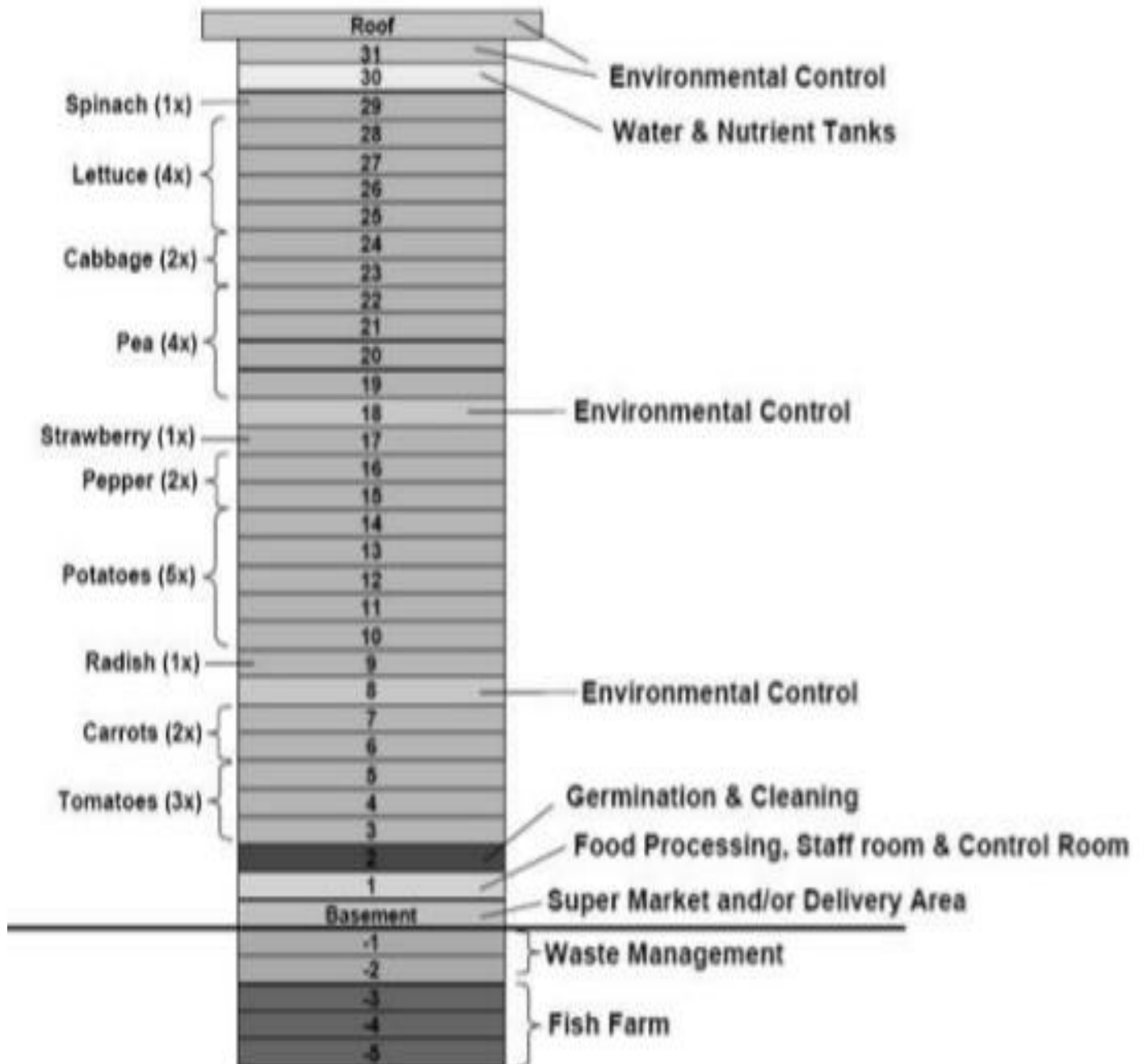
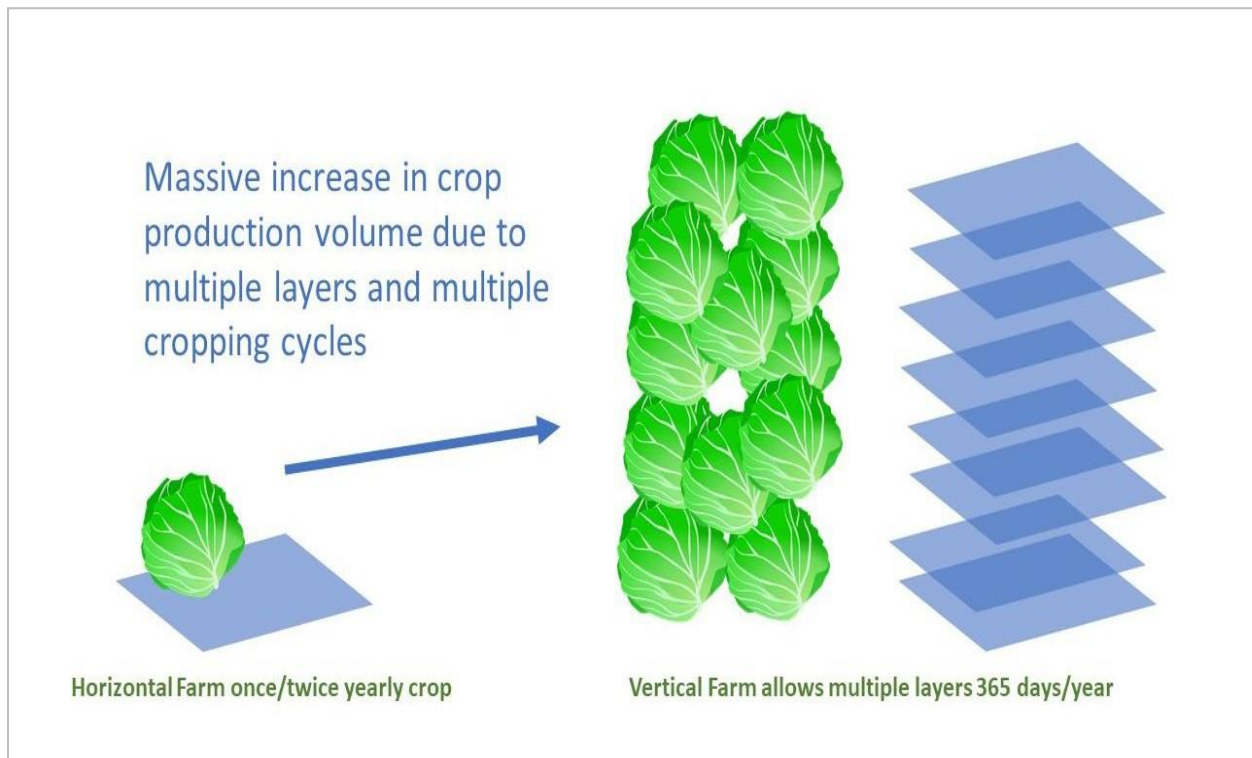


GENERAL STRUCTURE OF VERTICAL FARMING

The vertical farms differ from one city to another. More general tips on this structure as well as more design and concepts of vertical farming are explained in the following structure.





Basic requirements to start vertical farming business

Vertical farming basically defines itself as farming done in vertical form instead of the typical horizontal form. The basic requirements of vertical farming differ for each size of business.

- Size of the area utilised for farming is not a matter to be considered in this type of farming. Even a small area in terrace would do.
- Large business or investment uses high tech machines and factors to start vertical farming, whereas small investment requires lesser items for the start.
- First discussing the need for small business, say even home. To start vertical farming at home one needs a wall or any vertical plane to initiate planting. These vertical planes can be fitted with tubs or small containers.
- These containers are filled with sand, gravel or even liquid. People who need much more reduction in cost can use water bottles as a container.

The main point is healthy nutrient rich plant or the fruits and vegetables from it.

- This technique stresses on less use or even no use of soil. Considering soil elimination, this method would greatly facilitate farming at home.

Next is farming done at higher levels. This insists on the use of high-tech machines and equipment. Here in this huge business, entrepreneurs are put to a situation to invest more in the setup. Setup costs are high due to installations of tubes and containers of high quality. Large business cannot maintain all work by single individual, thus labour aspects are to be considered while planning for large business. The number of workers used will be directly proportional to the size of the business.

Requirements for vertical farming at home

- Considerable area of land or terrace to install small setups
- Containers or bottles for planting
- Proper irrigation methods
- Good light source for growth
- Regular check to ensure standard rate of growth

Favourable season for vertical farming

Vertical farming is not limited to one particular season to start with. Either a sunny day or a breezy day, vertical farming is not influenced by them in case of huge businesses. Varieties of plants are grown using this technique and the season also changes accordingly.

Crops suited for vertical farming

- Lettuce
- Spinach
- Tomatoes
- Chillies
- Herbs
- Amaranthus etc...

Apart from the above listed crops, there are several other crops that can be grown using vertical farming. These are just a showcase image of the rest. This is to not limit the readers within the listed products.

Business Opportunity

Then comes the selling part of the plants produced. More than the growing process, the process of selling is important since it makes the end of whole game- which is the profits made.

- One can simply sell the harvested plants in the available market or can use it for own purpose if the case is in-house smaller space covered farming.
- On the other hand, commercial farming does not operate like the in-house farming when it comes to selling. A perfect study is required to find the areas of reducing cost after production.
- Packaging and transportation should be clearly devised with the least investment.
- Profits should be calculated on a fair margin allowing the entrepreneur to allocate money for further production.
- Proper pricing method should be applied after studying the situation of both the company and the demand in the market.