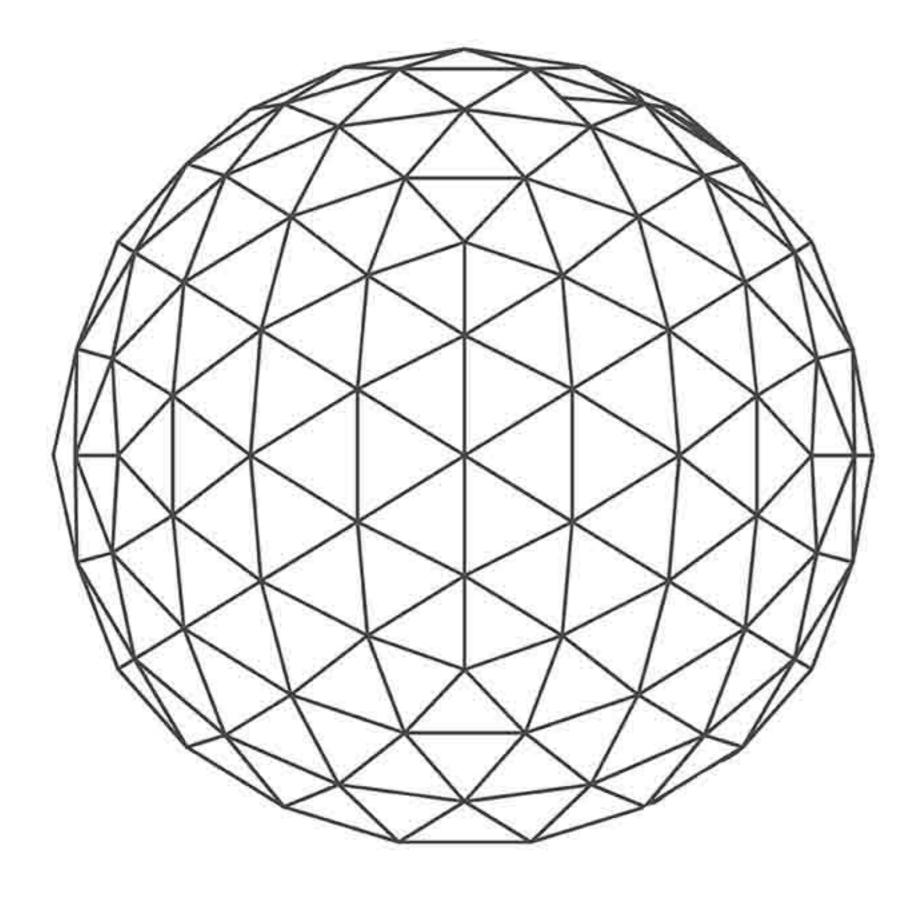
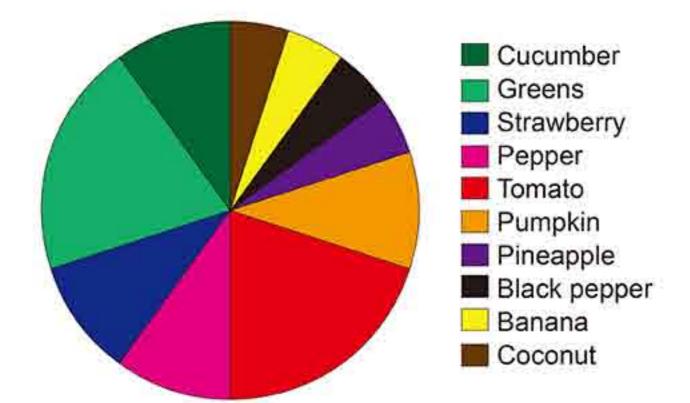
/STUDENT:GR3/LI SHUYANG 793690/FREEDA JANE MADIUS 793696/ELPIZA KOLO 794442/ZHANG KANGNING 752583/
/CRITICS:SIMONE GIOSTRA/ROBERTO MANCINI/TUTORS:VALERIO SIGNORELLI/ROY NASH/

FEW: Greenhouse

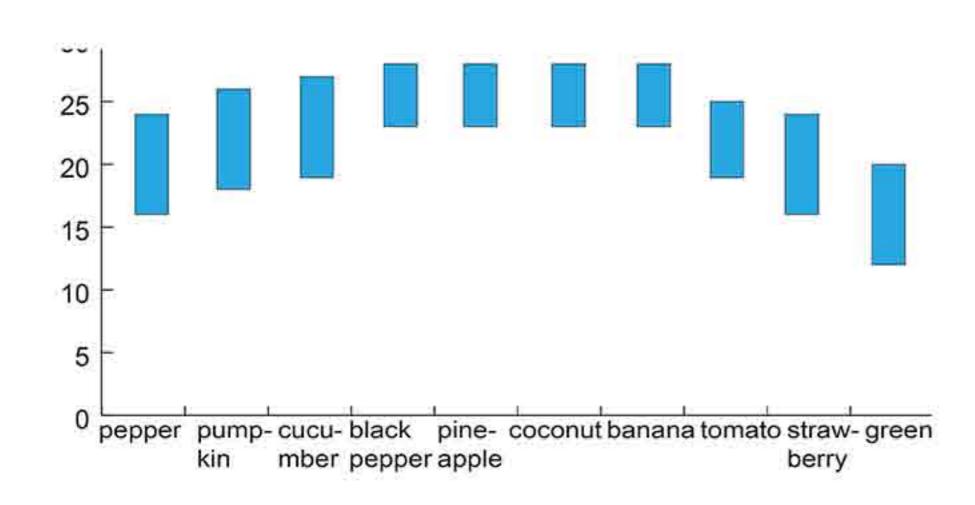


Diameter 44 m
Height 22 m
Total Area 1520 m
Total Volume 22290 m
Total Surface Area 3040 m

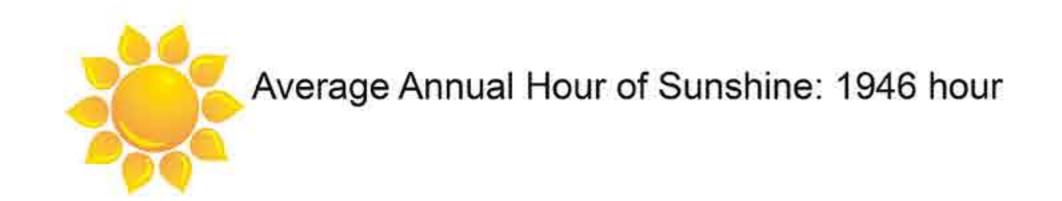
A geodesic dome is a spherical or partial-spherical shell structure or lattice shell based on a network of great circles (geodesics) on the surface of a sphere. The geodesics intersect to form triangular elements that have local triangular rigidity and also distribute the stress across the structure. It is the best structure for stability and efficiency of materials.



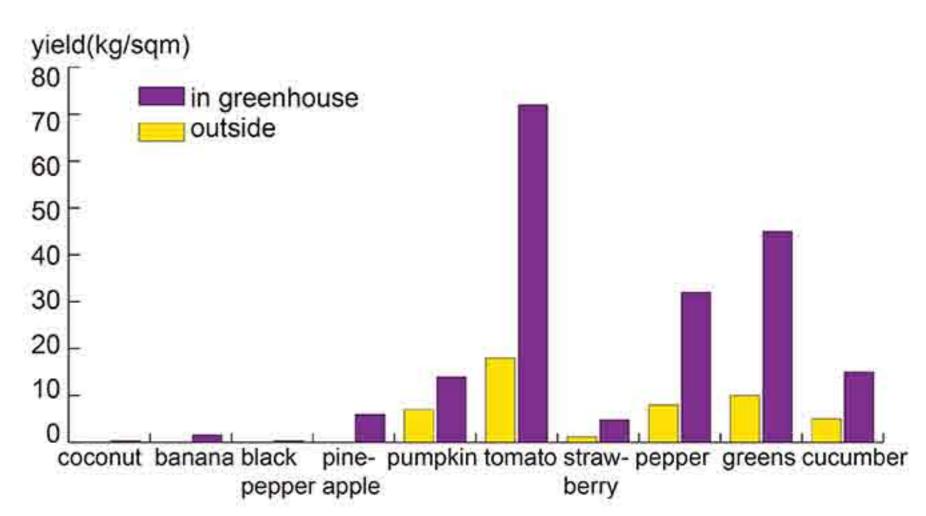
Proportion of plants growing in greenhouse



Requested temperatures of different plants growing inthe greenhouse







Comparision of the yield of the different plants in or outside the greenhouse



For providing 5% of fruite and vegetable marketing showing in the map.