

HYDROPONICS	FIELD PRODUCTION
❖ NO SOIL REQUIRED	❖ GOOD TOPSOIL IS REQUIRED ❖ GOOD SOIL = GOOD DRAINAGE, COMPOST, DISEASE-FREE
❖ PLANTS ARE IRRIGATED AUTOMATICALLY ❖ NO WATER STRESS	❖ PLANTS NEED TO BE IRRIGATED TO MINIMISE WATER STRESS
❖ NUTRIENTS ARE AVAILABLE AT ALL TIMES ❖ ONLY SOLUBLE FERTILISERS ARE USED ❖ HYDRONIC FERTILISER FORMULATIONS CONTAIN A BALANCED NUTRIENT CONTENT	❖ NUTRIENTS MUST BE ADDED TO SOIL ❖ UNLESS A LABORATORY ANALYSIS IS DONE, TOO MUCH OR TOO LITTLE NUTRIENTS CAN BE ADDED
❖ SOIL BORNE DISEASES CAN BE ELIMINATED	❖ SOIL BORNE DISEASES CAN BUILD UP IN THE SOIL
❖ HYDROPONIC PRODUCTION IS NOT ORGANIC BECAUSE ARTIFICIAL NUTRIENTS ARE ALWAYS USED AND PLANTS ARE USUALLY NOT GROWN IN SOIL	❖ IT IS POSSIBLE TO PRODUCE ORGANIC VEGETABLES IN SOIL BECAUSE ONE CAN USE ORGANIC FERTILISERS SUCH AS COMPOST AND MANURE