## **Cannabis Nutrient Deficiencies**



Plant Symptoms	N	Р	K	Ca	S	Mg	Fe	Mn	В	Мо	Zn	Cu	Over Fertilized
Younger leaves yellow	No	No	No	No	Yes	No	Yes	Yes	No	No	No	No	No
Middle leaves yellow	No	Yes	No	No	No								
Older leaves yellow	Yes	Yes	Yes	No	No	Yes	No	No	No	No	Yes	No	No
Leaf tips yellow	No	Yes											
Leaf tips white	No	No	No	No	No	Yes	No	No	No	No	Yes	No	No
Pale green leaf color	Yes	No											
Leaves curl over	No	Yes	No	No	No	No	No						
Leaves curl under	No	No	Yes	No	Yes	Yes							
Younger leaf tips burn	No	Yes	No	No	No	No							
Older leaf tips burn	Yes	No	Yes	No	No								
Older leaves drop	Yes	No											
Stunted leaf growth	Yes	Yes	No										
Younger leaves wrinkle & curl	No	No	Yes	No	No	No	No	No	Yes	Yes	Yes	No	No
Necrosis	No	No	Yes	No	No	Yes	Yes	Yes	No	No	Yes	No	No
Spots	No	Yes	No	No	No	No	No						
Dead Shoots	No	Yes	No	No	No	No							
Stunted growth	No	Yes	No	Yes	No								
Stunted root growth	No	Yes	No										
Deformed new growth	No	Yes	No										
Twisted growth	No	Yes	No	No	No	No							
Mottling	No	Yes	No	No									
Spindly	Yes	No											
Leaf tips die	No	No	Yes	No	No	No	No	No	Yes	No	No	No	No
Wilting	No	Yes	No										
Soft stems	Yes	No	Yes	No									
Hard/brittle stems	No	Yes	Yes	No									
Reddish stems	Yes	Yes	Yes	No	No	Yes	No						
Dark green/purple leaves & stems	No	Yes	No										