

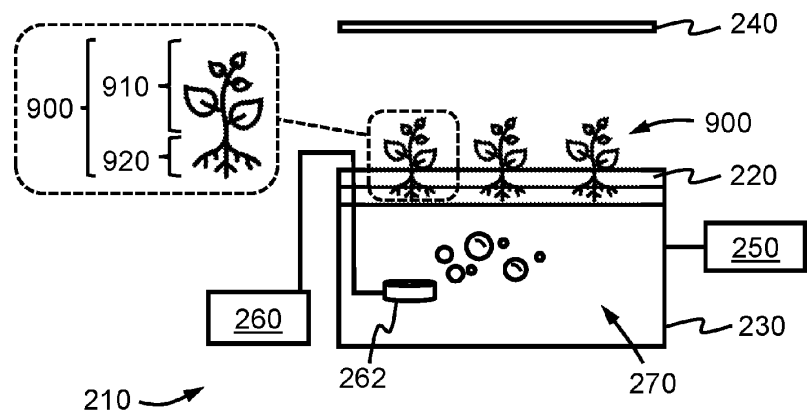


FIG. 1

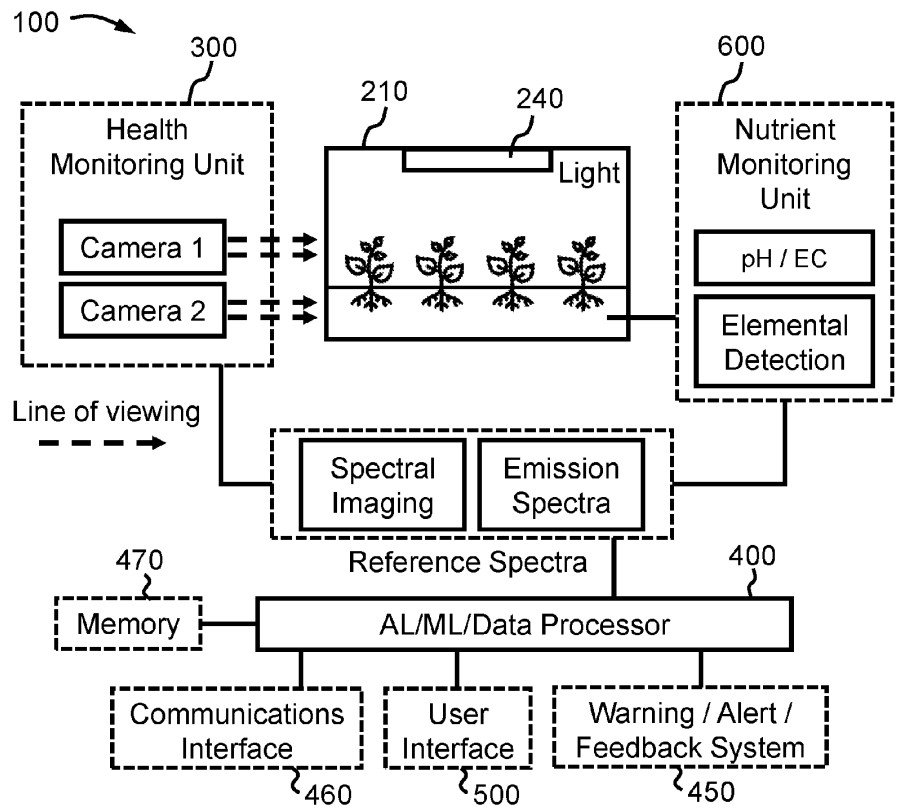


FIG. 2

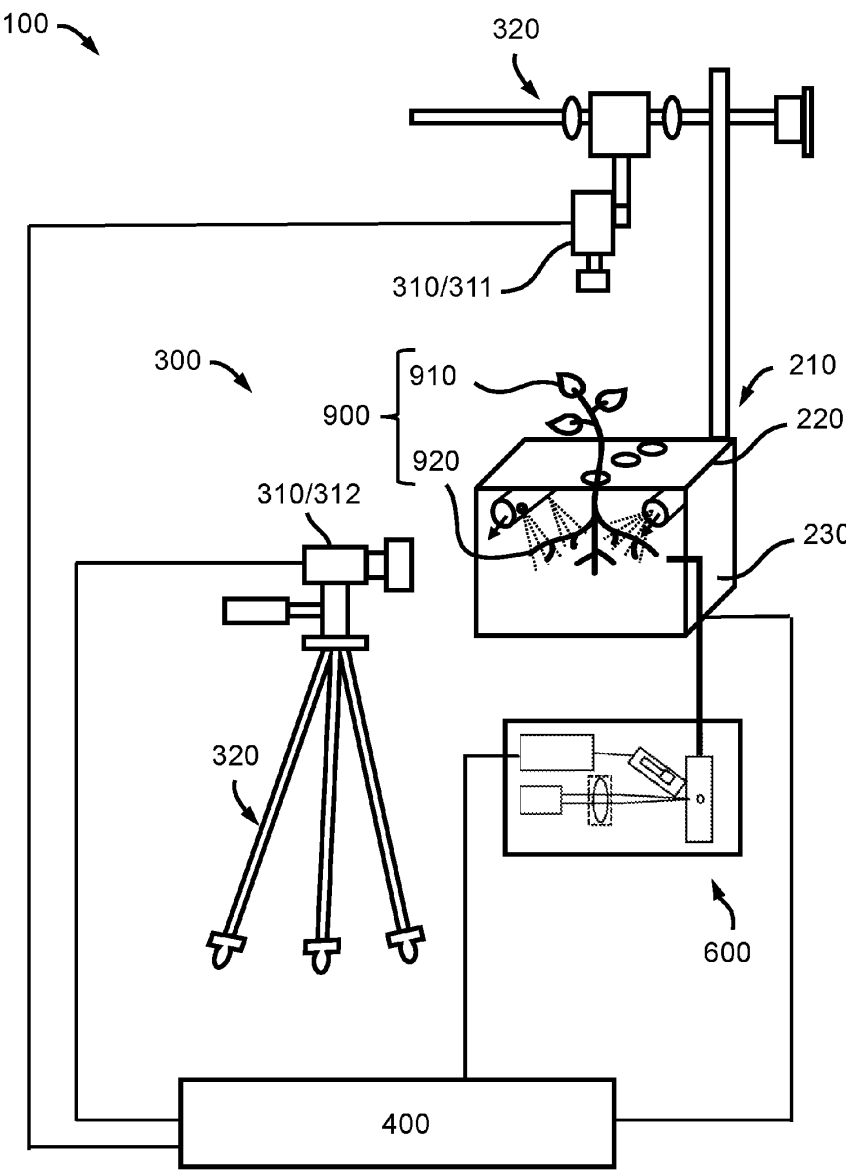


FIG. 3A

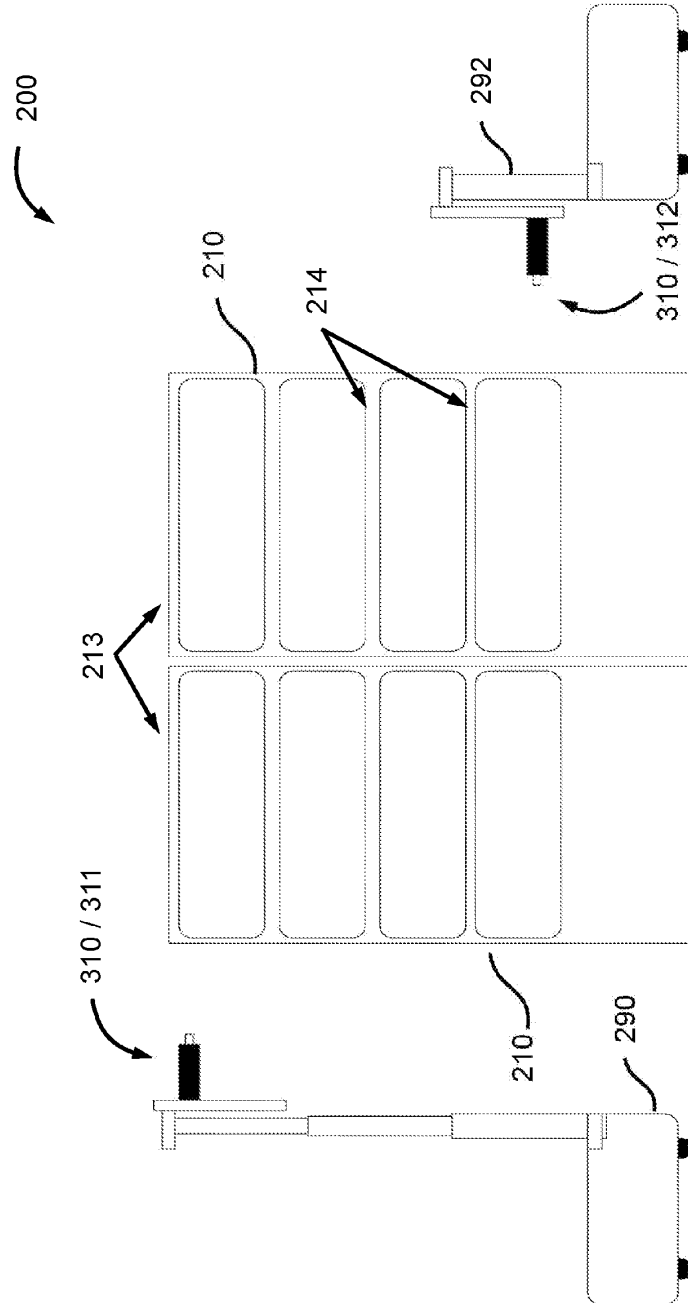
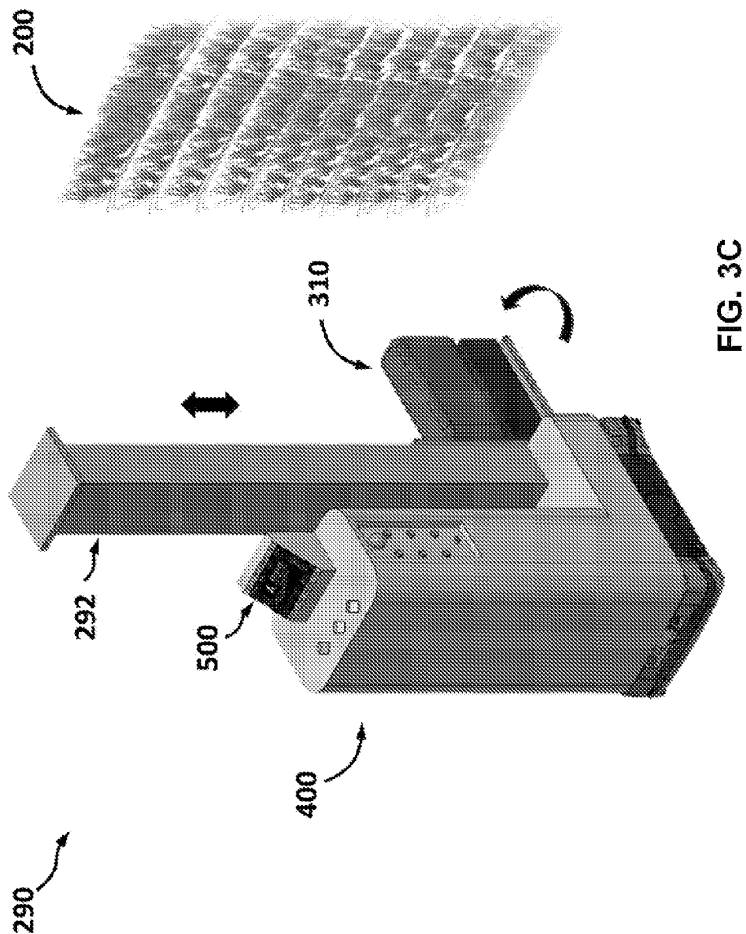


FIG. 3B



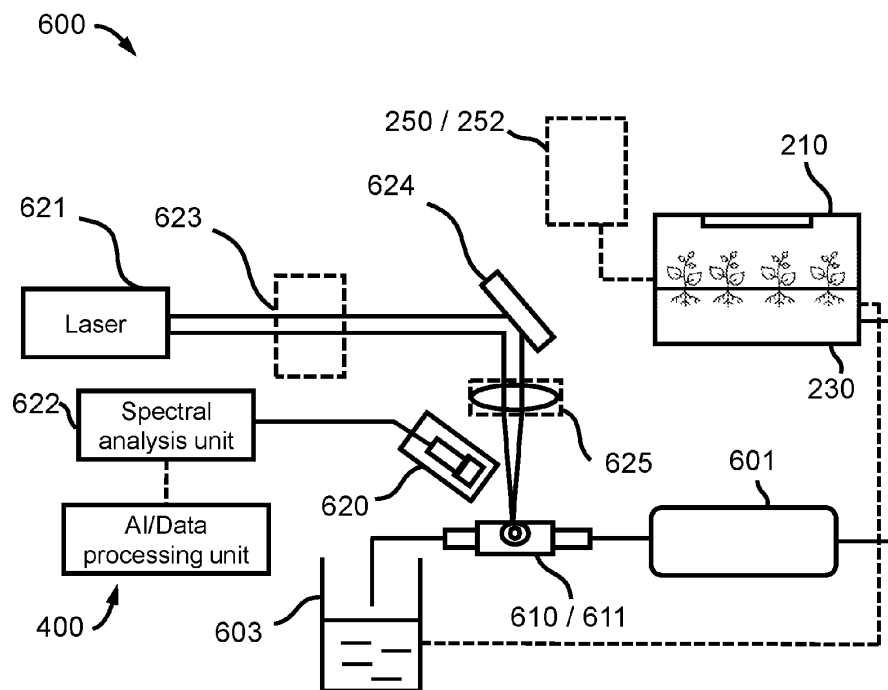
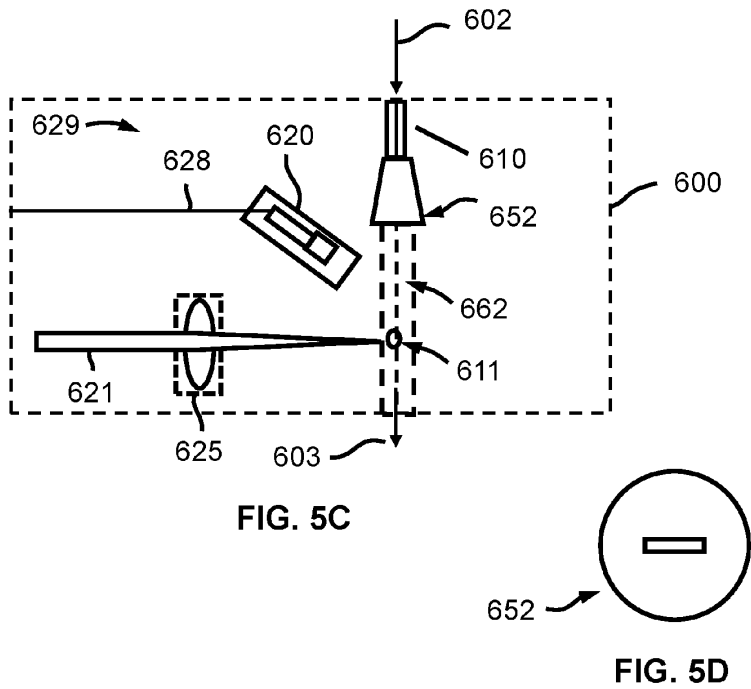
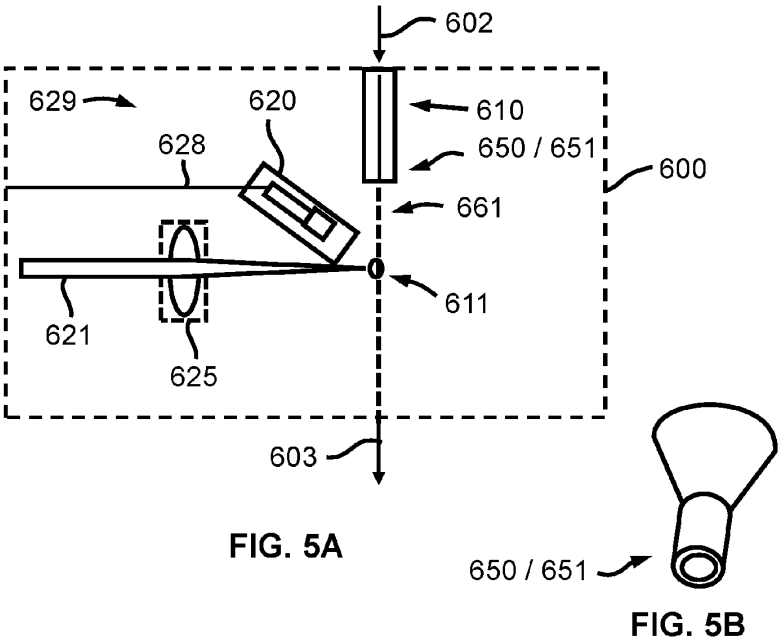


FIG. 4



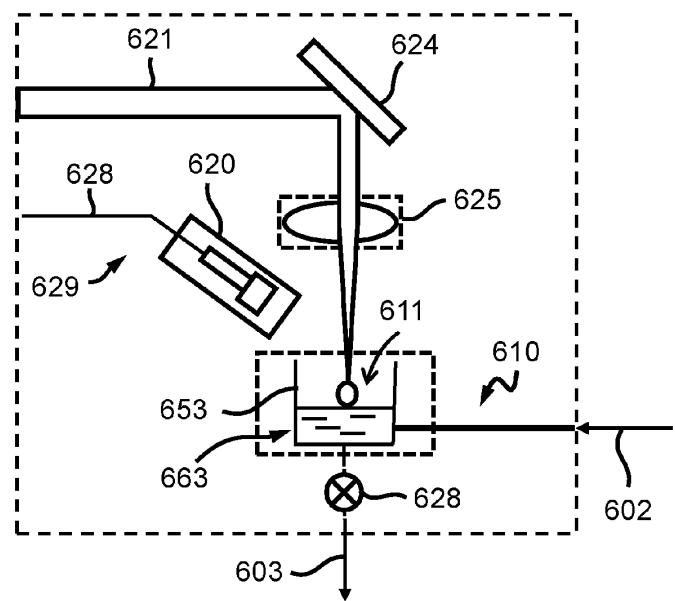


FIG. 5E

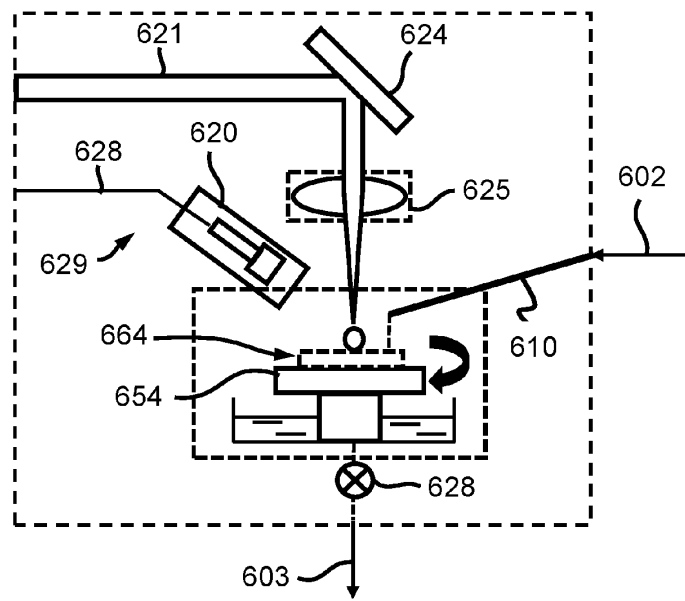


FIG. 5F

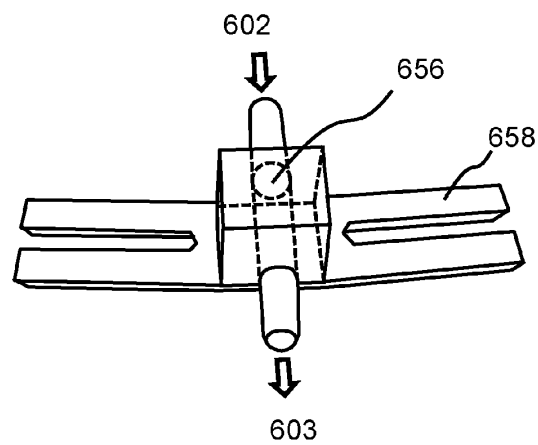


FIG. 5G

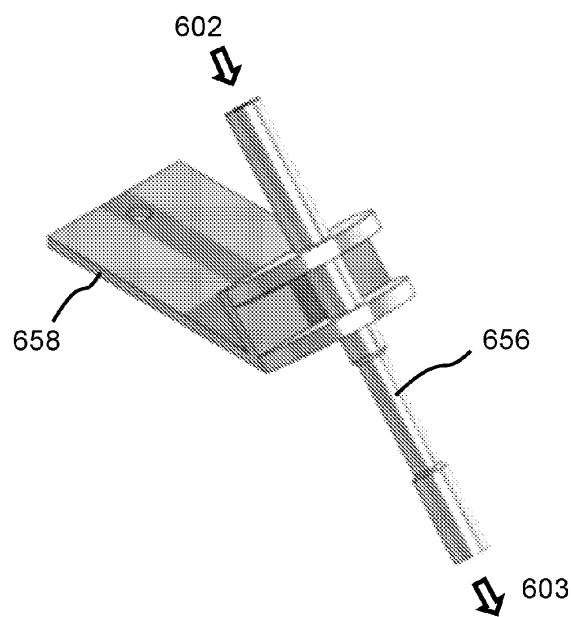


FIG. 5H

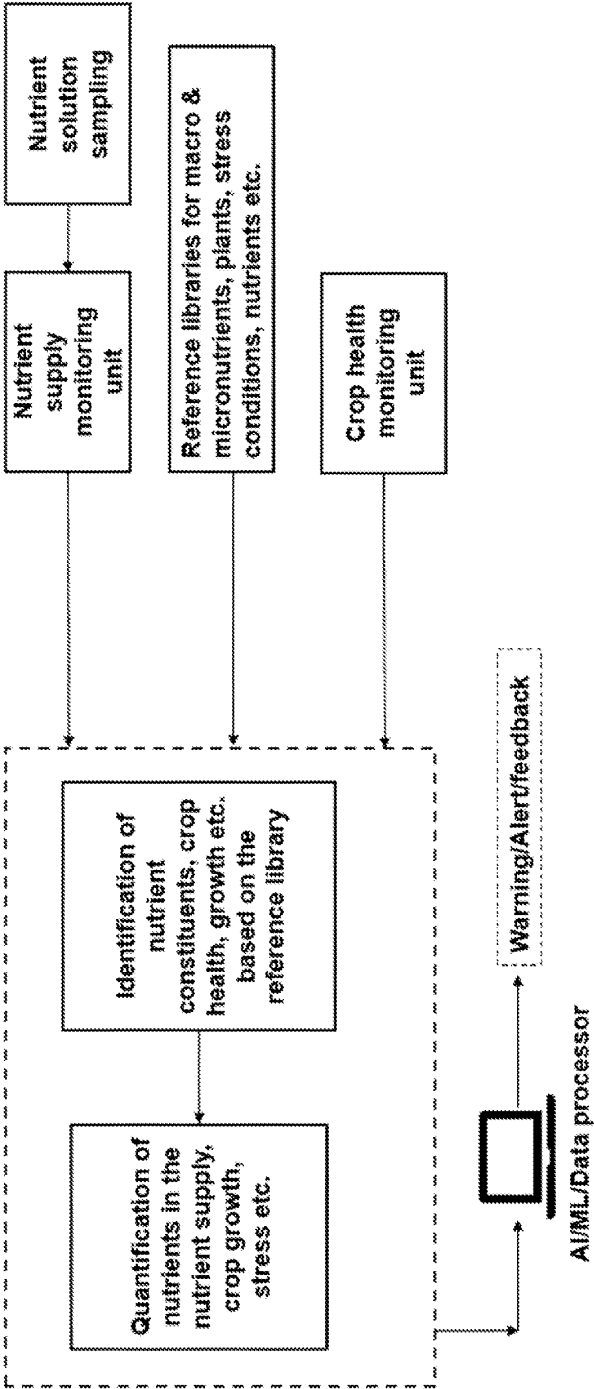
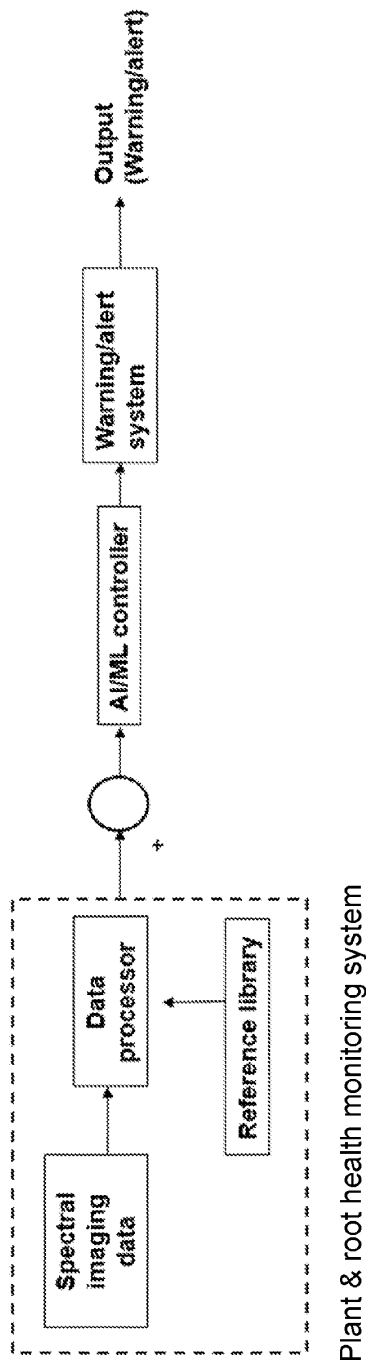


FIG. 6



Plant & root health monitoring system

FIG. 7

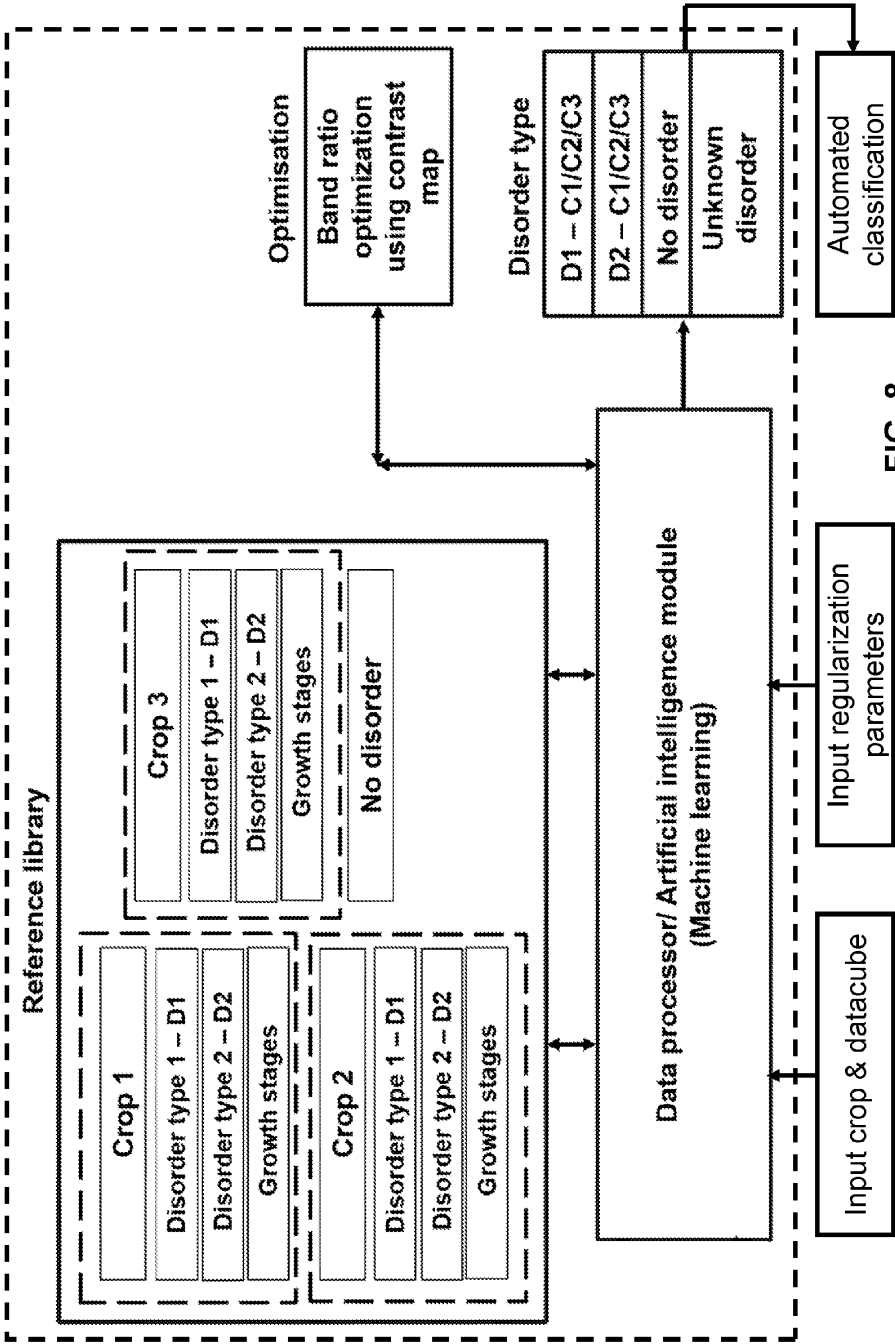


FIG. 8

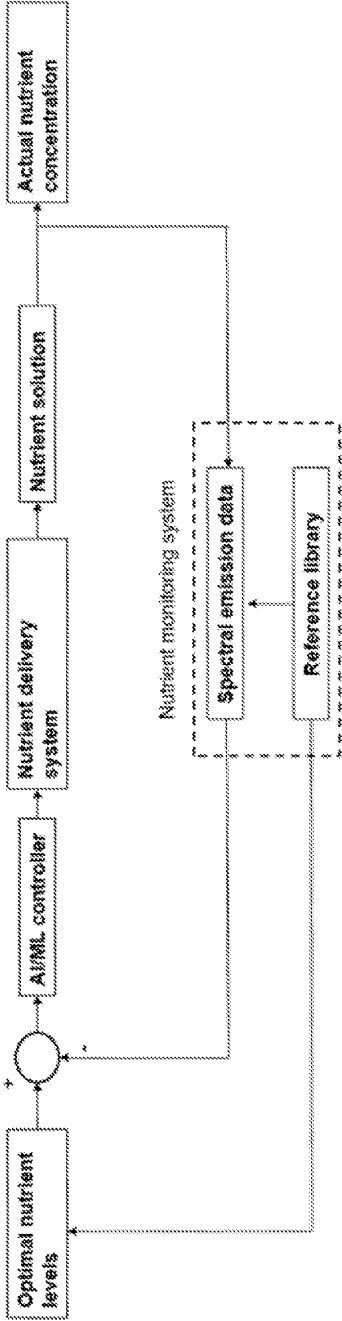


FIG. 9A

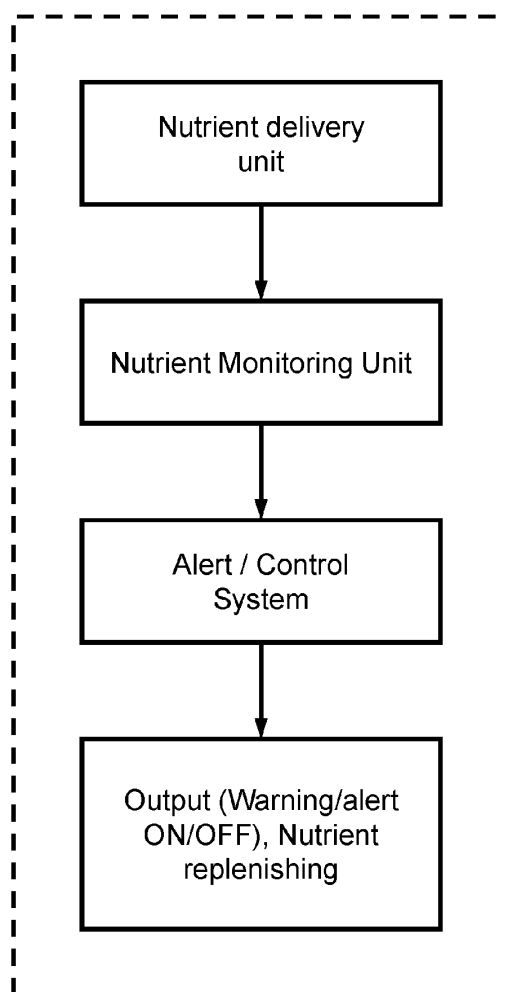


FIG. 9B

Crop: Green Lettuce							
Symptoms	Part Affected	Initial stage (Week 1)		Intermediate stage (week 2)		Advanced stage (week 3)	Final Stage (week 4)
Weak / stunted growth	Root					B	
	Shoot			N	P		S
Uniform chlorosis	Young leaf			S			S
	Matured leaf	N		N	S		S P
Interveinal chlorosis	Young leaf			Fe			
	Matured leaf			Mg	Fe	Mg	Mg
Necrotic spots	Young leaf	Ca	B				
	Matured leaf			K		Mg	Mg P K
Curling / unfolding	Young leaf					B	
	Matured leaf					Mg	K
Severe chlorosis	Young leaf						
	Matured leaf						N
Grow tip death	Leaf					Ca	

FIG. 10

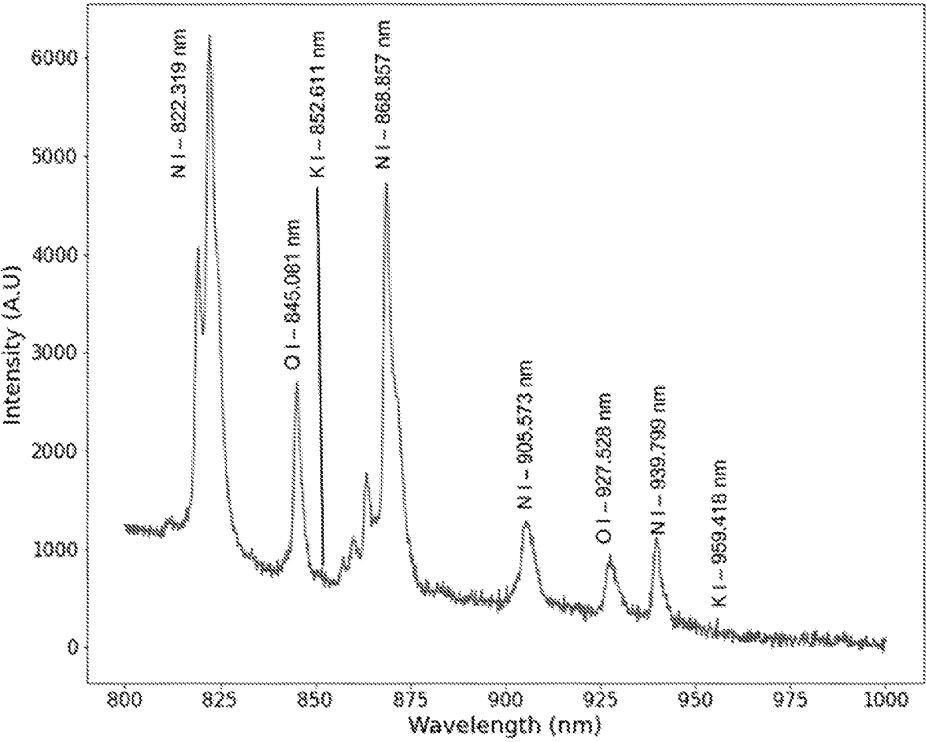


FIG. 11

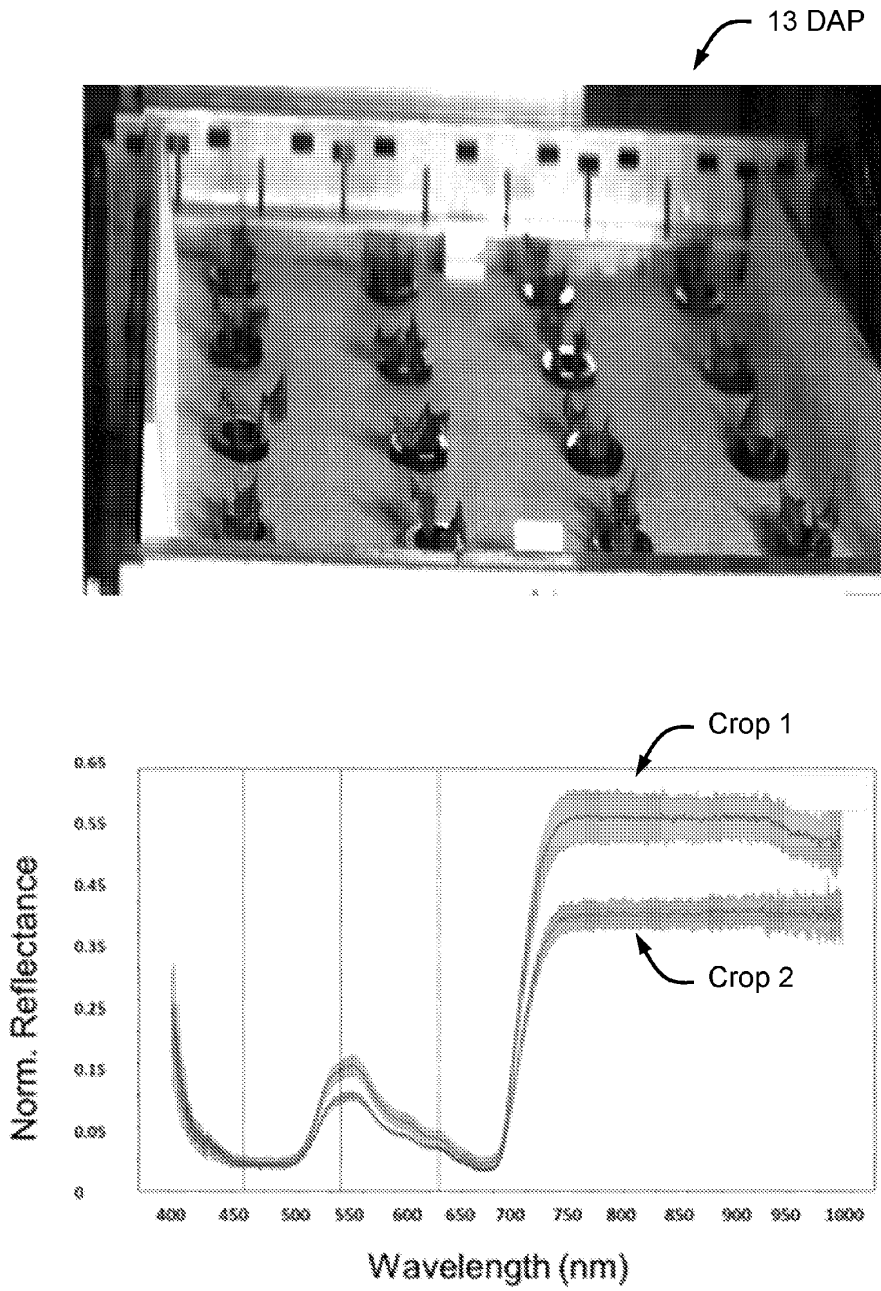


FIG. 12A

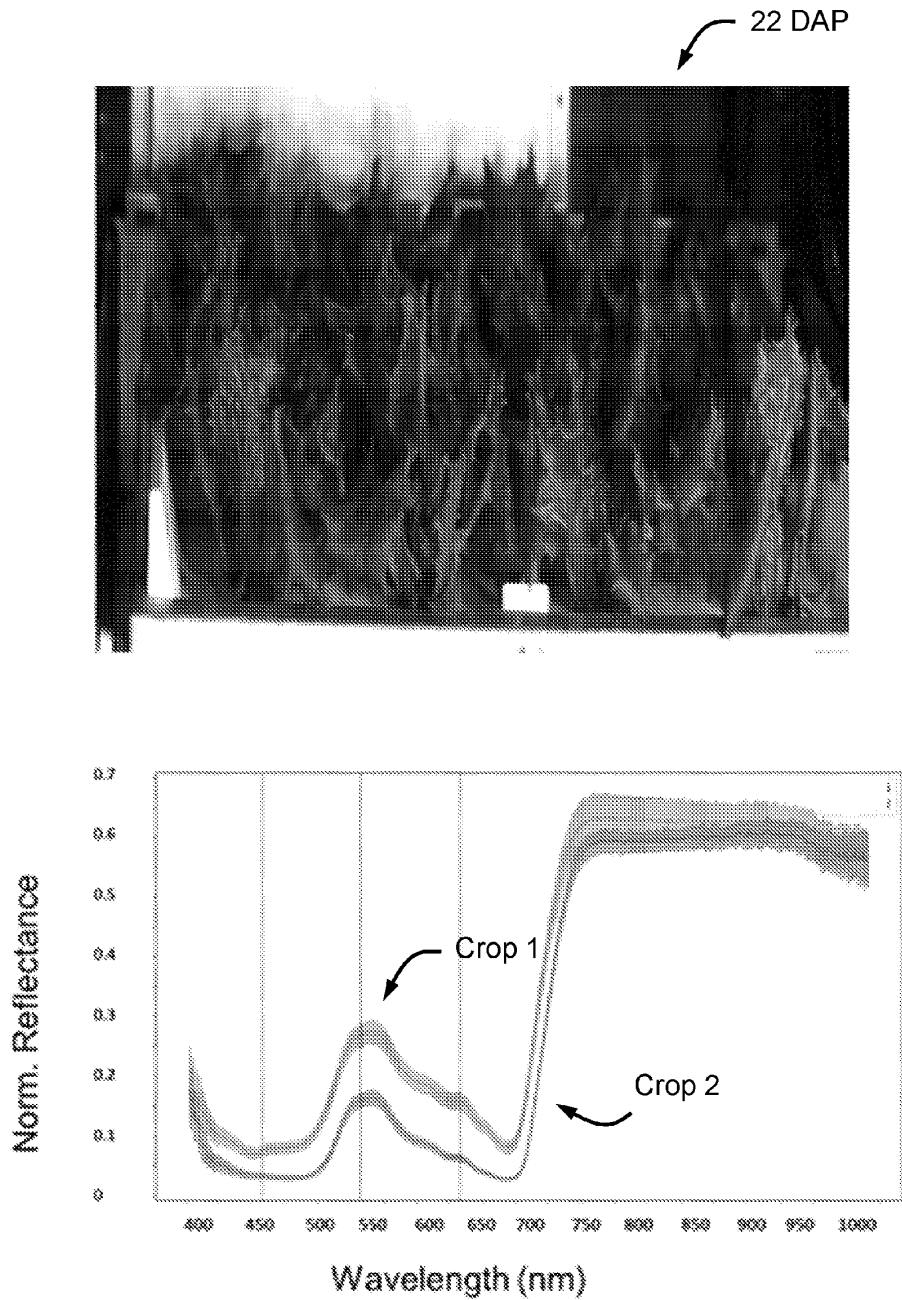


FIG. 12B

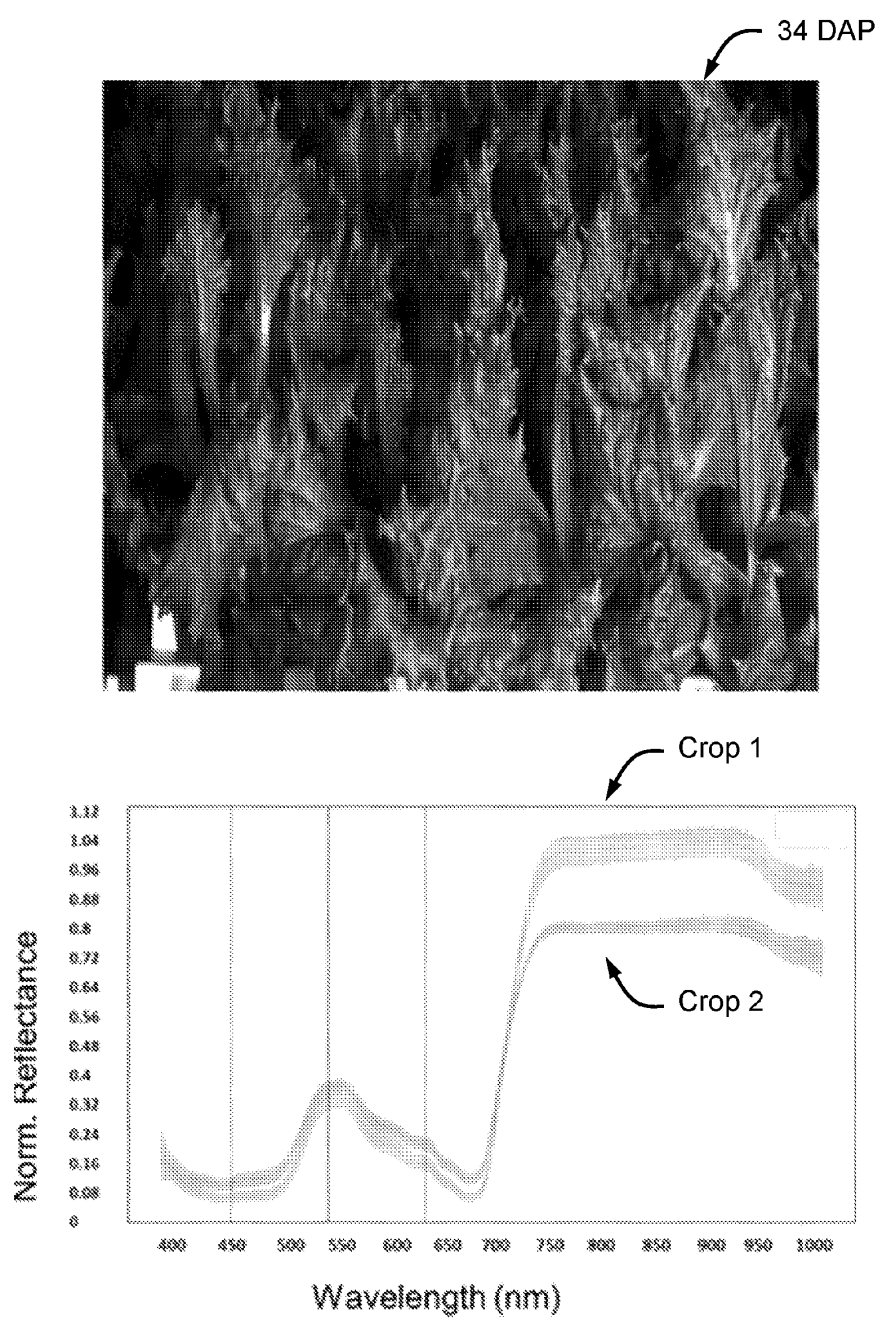


FIG. 12C

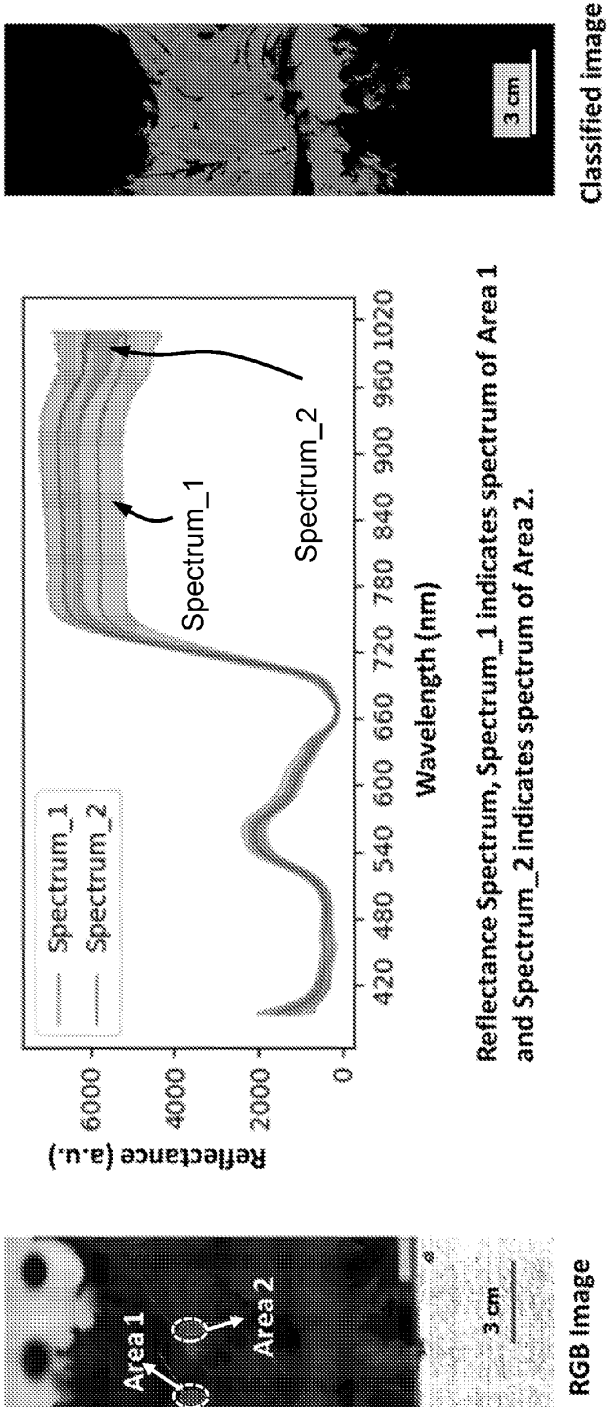


FIG. 12D

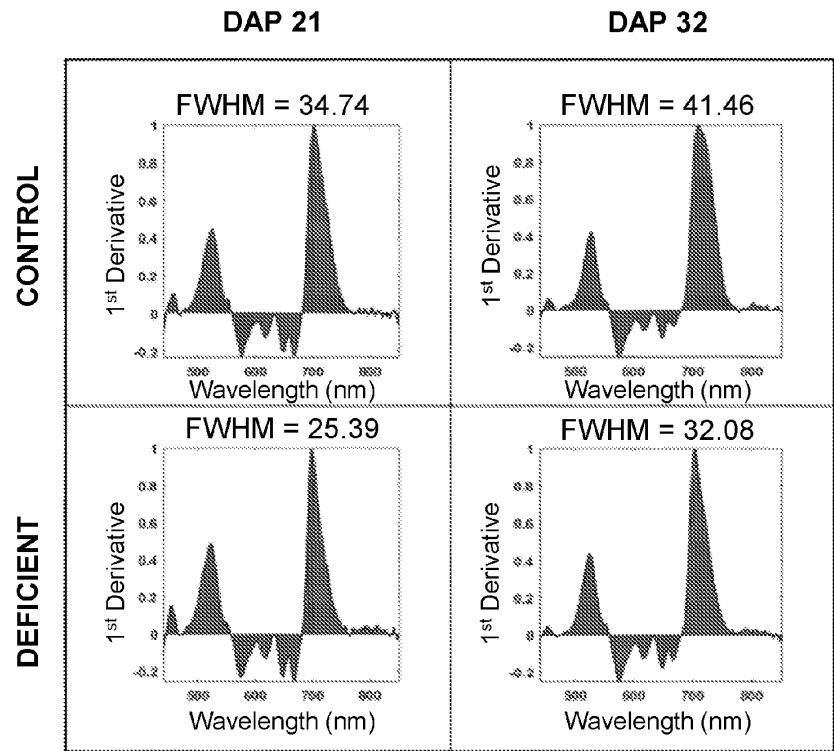


FIG. 13

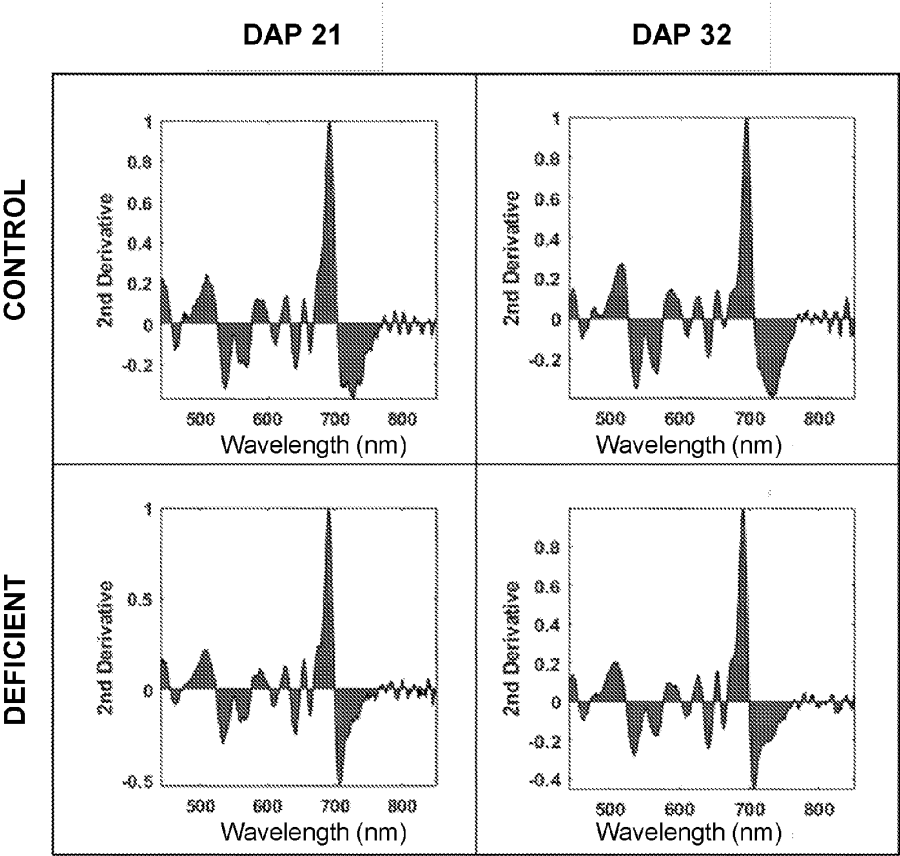


FIG. 14

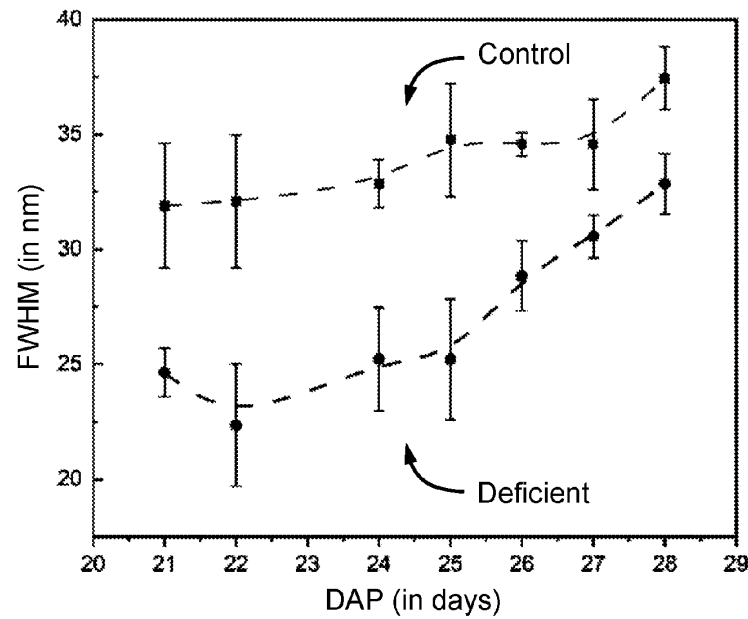


FIG. 15A

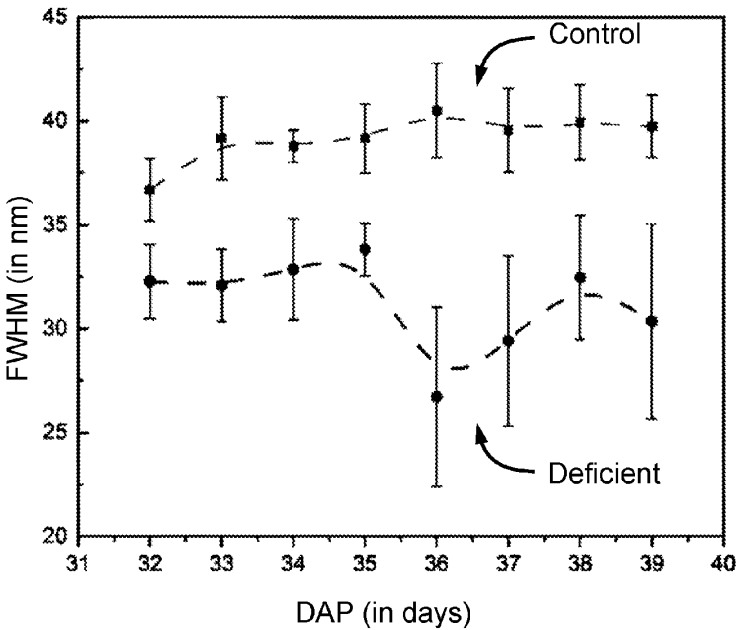


FIG. 15B

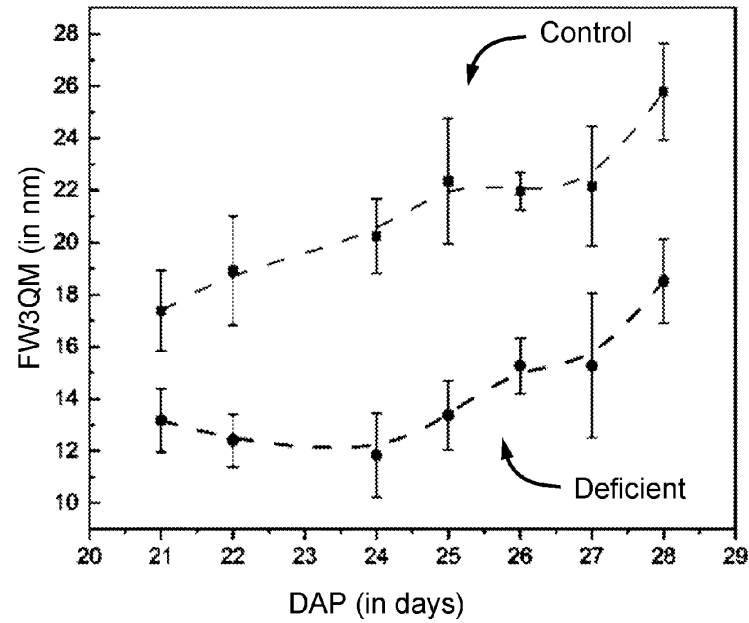


FIG. 16A

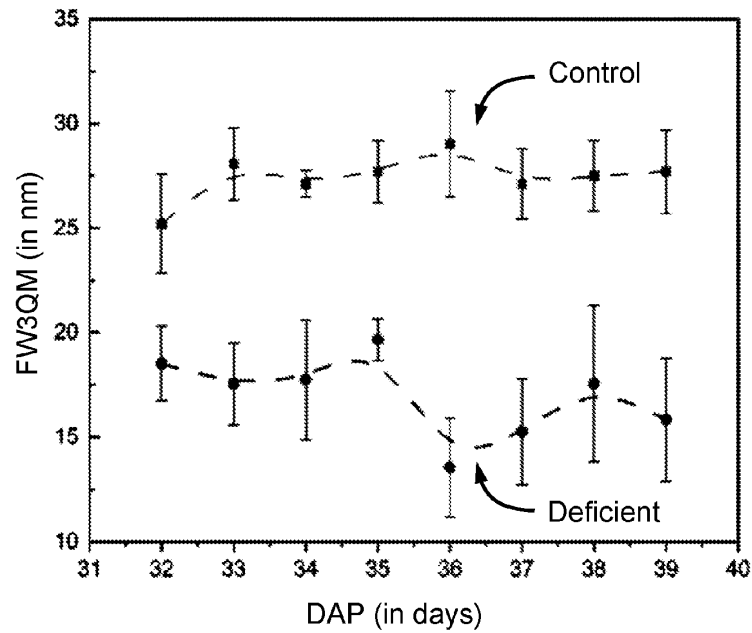


FIG. 16B

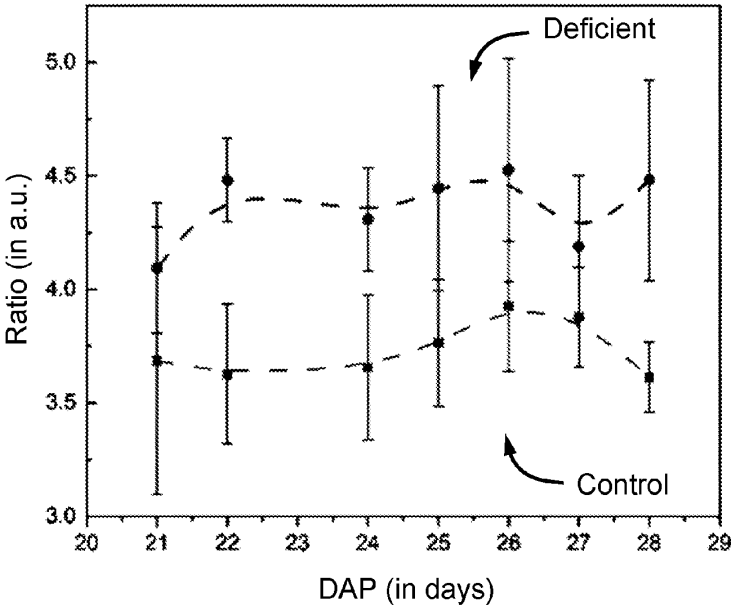


FIG. 17A

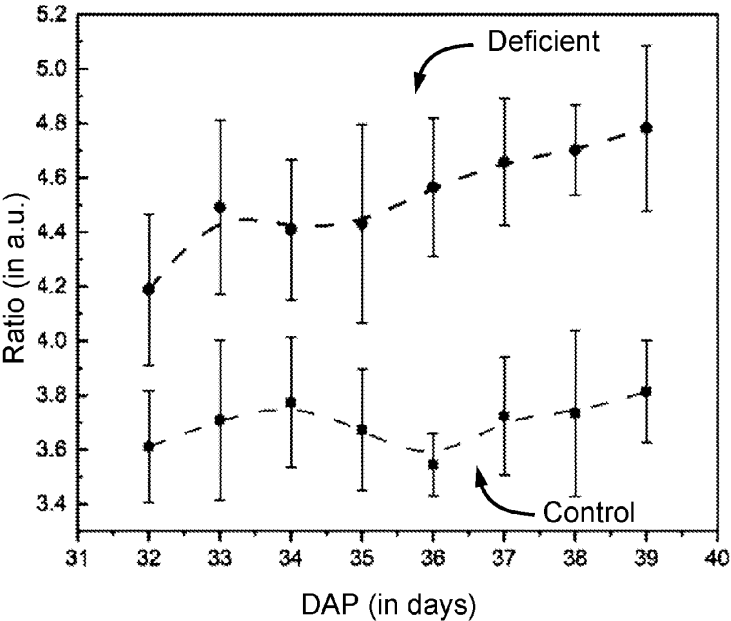


FIG. 17B

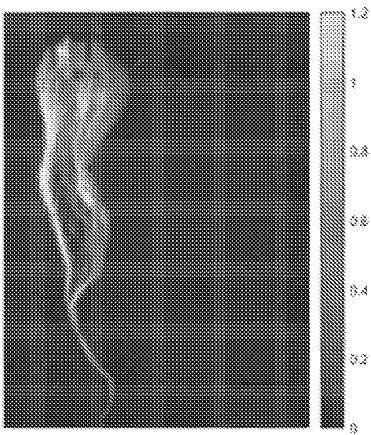


FIG. 18A

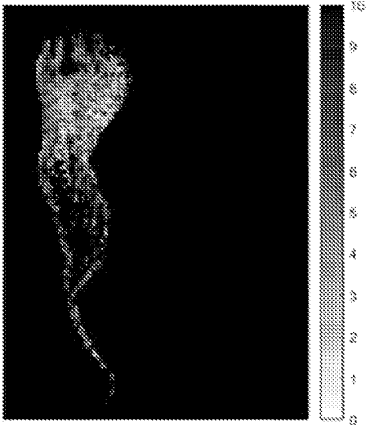


FIG. 18B

500

Crop: Lettuce

Crop Health Status:

Tier 1, Stack 1:

Healthy

Tier 1, Stack 2:

Stressed

...

...

Tier 2, Stack 2:

Healthy

Nutrient Supply Status:

Na – 20 ppm:

Optimum

K – 200 ppm:

Optimum

Ca – 50 ppm:

Low

...

...

FIG. 19