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			collapsible plant growth device that can be transported to emergency areas or																		
+	+	+	regions of food scarcity capable of generating its own power, and can provide + +															+ +			
+	+	+	different lighting and humidity conditions to optimize growth of healthy crops in the shortest possible time to relieve immediate feed and putrition stresses. But															+ +			
+	+	+	the shortest possible time to relieve immediate food and nutrition stresses. By bringing together students from Technical and Applied Science Universities we															+ +			
+	+	+	can approach the device considering all aspects, from design to materials choice															+ +			
+	+	+	to construction at the TU/e before porting to the HAS in the fall for crop growth															+ +			
			testing.																		
+	+	+	+ + + + + + + + + + + + + + + + + + +															- +			
+	+	+	ISBEP students will have the opportunity to work on the design, development, and building of a structure for optimizing growth conditions of a crop, directed															+ +	+ +		
+	+	+	by the priorities delineated by students from the HAS Den Bosch. The aim is that															+ +			
+	+	+	the TU/e ISBEP students identify the key features to be developed based on + +															+ +			
+	+	+	input from expert growers, research many aspects of the structure, and develop															+ +			
+	+	+	new sensors and materials and ways these may be monitored and															⊢ ∔			
			into th	communicated with. Additionally, embedding these new materials and devices + into the walls/roof/flooring and building a structure designed to optimize the																	
+	+	+	growir	ng co	nditio	ons fo	prana	gricu	ultur	al cr	op al	rein	tere	sting	g pot	entia	alou	tcon	nes c	of	+ +
+	+	+	the pro	oject.	All o	fthis	shoul	d be	don	ie Wł	hile r	mon	itori	nġ a	nd re	estpo	ndir	nġ to	the	+ -	+ +
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