

A greenhouse with	ha usable area	Useful area in sqm	New construction costs	Lifetime in years
	40	400.000	40.000.000,00 €	50

[Deutschlands größtes Gewächshaus in Wittenberg soll vergrößert werden \(lvz.de\)](#)

Labour costs		Number of employees	Total wage costs per month	12 months per year
Labour costs per month per person	4.000,00 €			
Employer's contribution	1,70			
Wage costs per month per person	6.800,00 €	400	2.720.000,00 €	12

Hall costs				
Hall value	40.000.000,00 €			
Service life of the hall in years	50			
Cost allocation of the hall to 1 year	800.000,00 €			

[Lebenszykluskosten von Hallenimmobilien & Einsparpotentiale einschätzen \(industrialport.net\)](#)

Operating costs EUR per sqm per year		Number of sqm of the hall		
Fixed costs	6,74 €			
Variable costs	1,37 €			
Total	8,11 €	400.000		

Topsoil is cultivated in 3 levels cultivated	Number of sqm of the hall	Levels	Total cultivation area in sqm	
Number of sqm of the hall	400.000	3	1.200.000	
New topsoil 1 sqm and 1 cm thickness each			1.200.000	

	Height in cm		Total cultivation area in sqm	
Topsoil layer thickness 30 cm	30,00		1.200.000	

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	Height in cm			
Mutterboden in cbm	100,00			

Working life in years	45			

cbm per truck 40 t	26			

Number of employees
400

Wage costs per year for all employees	Total period 150 years	Total costs for 150 years
32.640.000,00 €	150	4.896.000.000,00 €

	Total period 150 years	Total costs for 150 years
	150	120.000.000,00 €

Operating costs of the hall per year	Total period 150 years	Total costs for 150 years
3.244.000,00 €	150	486.600.000,00 €
Total cost of the hall		5.502.600.000,00 €

	Cultivated area	Costs per sqm of cultivated area and 3 levels in 150 years
sqm cultivation area with 3 levels	1.200.000	4.585,50 €

	Total period 150 years	Total cultivated area in sqm
	150	1.200.000

sqm topsoil area at 30 cm thickness	Total period 150 years	Cost per sqm per 30 cm thick topsoil
40.000		-

		137.565,00 €
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cbm topsoil		Cost per cbm topsoil
12.000		
		458.550,00 €

		Number of generations
Number of years of the project	150	3,33

cbm topsoil		Quantity 40 t trucks
12.000		462