

Remover name	Eric Litjens	Project code	PCB-L-001
Company name	Pauwlonia Cultures	Project name	Pauwlonia Deest 2023
Location	Deest, NL	Area (ha)	15,1505
Diversity & Permanence factor	80%	Project emissions	20%

Per hectare

Baseline ecosystem carbon	268	tCO2/ha	Above, Below Ground and Soil Organic Carbon, TEC following CDM AR-ACM0003
Reference capacity	697	tCO2/ha	Calculation/estimation
Storage potential	429	tCO2/ha	Projection +/- baseline

Per project

Projected storage	6.499	tCO2	storage potential over 20+ years per ha x area
LCA emissions	1.300	tCO2	project related emissions (default value, expected to be (much) lower)
Net storage potential	5.199	tCO2	project storage +/- emissions over 20 years

Removal certificates issued

Certificates first 12 years	3.120	certificates	12/20 x net storage potential
Diversity holding	624	certificates	Holding for biodiversity measures (40 fruit trees per ha), released when implemented
Holding Pool	624	certificates	20% of the first 12 years, released when measurements confirm storage
Certificates issued 25/06/23	1.872	certificates	124 certificates/ha
Diversity holding freed up	-624	certificates	Biodiversity holding released as measures have been implemented
Certificates issued 28/02/25	624	certificates	

Field Code	Field name	Size (ha)
PCB-L-001	Field 1	15,1505

[illegible]

from C to CO2	3,666666667		
soil density	% organic matter	% organic carbon	soil density
1,59	0,5	0,25	1,59
1,52	1,5	0,75	1,52
1,45	2,5	1,25	1,45
1,39	3,5	1,75	1,39
1,34	4,5	2,25	1,34
1,29	5,5	2,75	1,29
1,24	6,5	3,25	1,24
1,18	7,5	3,75	1,18
1,13	8,5	4,25	1,13
1,09	9,5	4,75	1,09
1,05	10,5	5,25	1,05
1,01	11,5	5,75	1,01
0,96	12,5	6,25	0,96
0,93	13,5	6,75	0,93
0,9	14,5	7,25	0,9
0,87	15,5	7,75	0,87
0,84	16,5	8,25	0,84
0,81	17,5	8,75	0,81
0,79	18,5	9,25	0,79
0,77	19,5	9,75	0,77
0,75	20,5	10,25	0,75
0,73	21,5	10,75	0,73
0,71	22,5	11,25	0,71
0,7	23,5	11,75	0,7
0,69	24,5	12,25	0,69
0,67	25,5	12,75	0,67
0,65	27	13,5	0,65
0,62	29	14,5	0,62
0,6	31	15,5	0,6
0,58	33	16,5	0,58
0,56	35	17,5	0,56
0,54	37	18,5	0,54
0,52	39	19,5	0,52
0,5	41	20,5	0,5
0,49	43	21,5	0,49
0,47	45	22,5	0,47
0,46	47	23,5	0,46
0,44	49	24,5	0,44