

HEMP CPH // TEXTILES

ORGANIC, SUSTAINABLE, ANTIBACTERIAL BY NATURE



SUSTAINABILITY -FACTOR: *	Rayon of*** BAMBOO	COTTON	Organic COTTON	(Flax) LINEN	True HEMP
CHEMICALS (farming)	NO	YES	NO	SOME	NO
CHEMICALS (production)	YES	YES	NO	YES	NO
IRRIGATED WATER (liter/kg fibre)	ZERO	5000 L	3-5000 L	SOME	ZERO
LAND USAGE (1 kg fibre)	0,5 M2	3,4 M2	3,4 M2	2,0 M2	1,1 M2
CO2 - ABSORB. (tonnes/ha)	40*	5	5	10	22-44
STRENGTH & DURABILITY	1 X*	1 X	1 X	2 X	3 X**
ANTIBACTERIAL (odour-inhibition etc.)	SOME	NO	NO	SOME	MAX****
ABSORBENCY (moisture)	1 X	1 X	1 X	1 X	+ 30%

Sources: EU, UN, UNESCO and others. Figures are global averages. E.g., cotton requires an average of 10.000 liter water per kg fibre grown. Global average rainfall is 5000 liter/kg cotton (or per 3,4 m2), leaving a need for irrigation of 5000 liter water/kg cotton. Hemp requires 2000 liter/kg, leaving zero need for irrigation, on average.