



hemp shive	Characteristics of hemp shives					Characterizations of hemp shives		
	variety	seeding rate (kg/ha)	harvest year	threshing operation	transformation process of straw	main granulometry	bulk density (kg.m ⁻³)	dust ratio
C3-1	santhica 27	50	2014	no	ensiling + sieving	> 4 mm	$75\pm\ 2$	0,16%
C3-2	santhica 27	50	2014	yes	ensiling + sieving	1 - 2 mm	146 ± 1	4,63%
C3-3	santhica 27	50	2014	yes	ensiling + sieving	2 - 4 mm	103 ± 4	0,62%
C3-4	santhica 27	50	2014	yes	ensiling + sieving	>4 mm	75 ± 9	0,29%
C3-5	fedora 17	35	2014	yes	ensiling + sieving	>4 mm	100 ± 4	0,40%
C3-6	fedora 17	35	2014	yes	ensiling + sieving	>4 mm	74 ± 4	1,98%
C3-7	fedora	40	2013	yes	ensiling + sieving	>4 mm	$101\pm~4$	0,25%
C3-8	futura	40	2013	yes	ensiling + sieving	2 - 4 mm	87 ± 1	0,40%
C3-9	fedora 17	50	2013	yes	crushing + sieving	1 - 2 mm	100 ± 1	1,36%
C3-10	fedora 17	50	2013	yes	crushing + sieving	> 4 mm	103 ± 4	0,15%
C3-11	fedora 17	50	2013	yes	crushing + sieving	> 4 mm	55 ± 1	0,30%
C3-12	mix of fedora 17 and felina32	46	2013	no	ensiling + sieving	2 - 4 mm	90 ± 2	0,25%

► Hemp shives with same characteristics and differents granulometries (ex C3-2, C3-3 and C3-4) : granulometry ≯, bulk density ↘, dust ration ↘

▶ Presence of fibres has been observed in some hemp shives : formation of fibres balls including shives on the first screen

► Additional characterizations are undergoing : fibre amount, hygrothermal performances, thermal insulation...