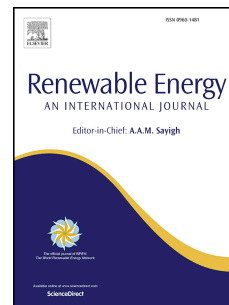


Accepted Manuscript

Biodiesel production from unconventional oilseed crops (*Linum usitatissimum* L. and *Camelina sativa* L.) in Mediterranean conditions: Environmental sustainability assessment

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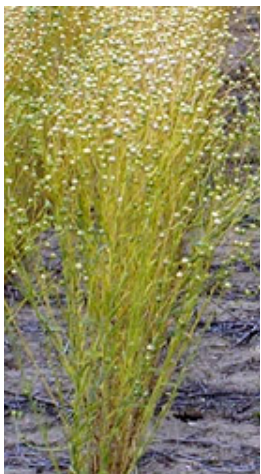
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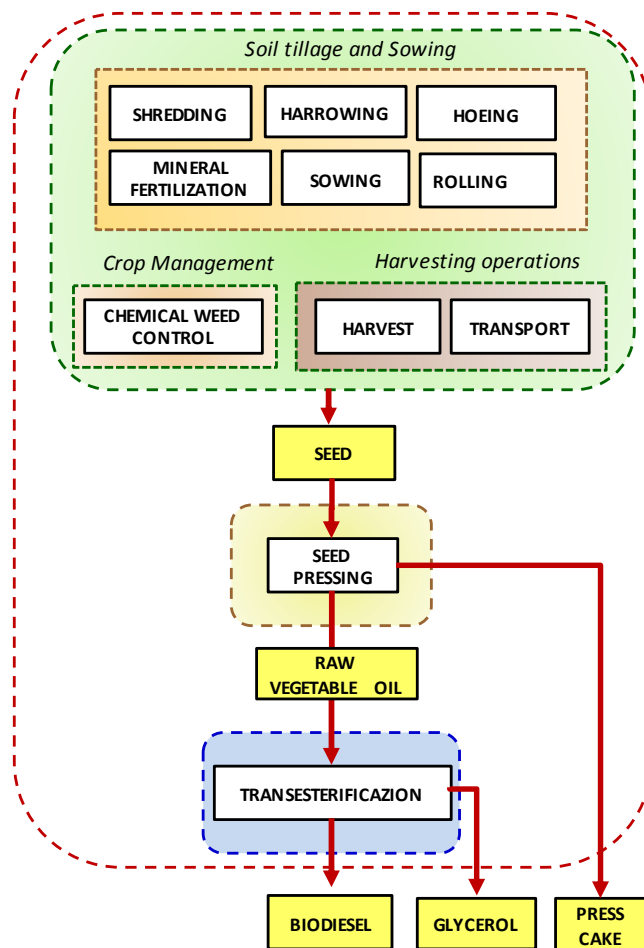
Biodiesel production from unconventional oilseed crops (*Linum usitatissimum* L. and *Camelina sativa* L.) in Mediterranean conditions: Environmental sustainability assessment



Flax

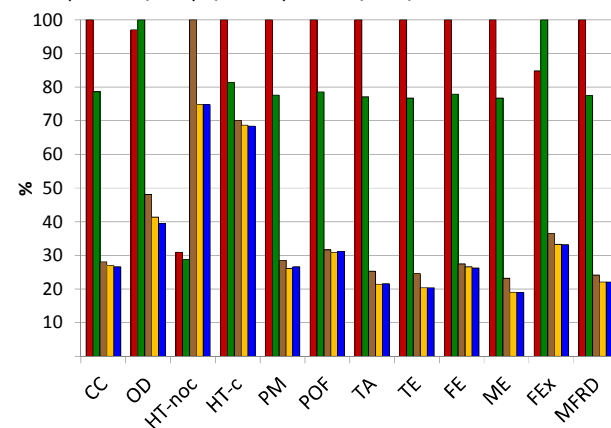


Camelina



Impact category	Unit	FU = 1 t		FU = 1 GJ	
		Flax	Camelina	Flax	Camelina
CC	kg CO ₂ eq	4484.6	5702.6	118.2	149.7
OD	g CFC-11 eq	0.392	0.380	0.0103	0.00100
HT-noc	CTUh x 1000	1.841	1.975	0.049	0.052
HT-c	CTUh x 1000	0.129	0.158	0.00339	0.00415
PM	kg PM2.5 eq	3.919	5.0459	0.103	0.133
POF	kg NMVOC eq	14.164	18.029	0.373	0.473
TA	molc H+ eq	104.9	136.0	2.764	3.572
TE	molc N eq	427.1	556.5	11.26	14.62
FE	kg P eq	1.284	1.648	0.034	0.043
ME	kg N eq	121.38	158.09	3.199	4.152
FEx	CTUe	37995	32231	1001.5	846.4
MFRD	kg Sb eq	0.292	0.378	0.0077	0.0099

■ Camelina {South IT} ■ Flax {South IT} ■ Rapeseed {CH}
 ■ Rapeseed {Europe} ■ Rapeseed {RoW}



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