



Intercropping

In 2022, Mustiala had intercropping with wheat-oat and fava bean-oat mixtures.

Experiments are presented in a video [Intercropping in Mustiala organic farm](#), 12 min.



Intercropped growth looked significantly better than the pure growths. Even a small amount of oats significantly reduced the number of weeds in the fava bean-oat mixture. You can get to know the block information mustialaluomutila.fi -web page.

Experiment results (2022):

Plant	Oat	Fava bean and oat		Fava bean and oat		Fava bean
Sowing rate (kg total/ha)	200	300		300		
Mixing ratio	100	63:33		85:15		
Plant, yield data results	Oat	Fava bean	Oat	Fava bean	Oat	Fava bean
Oat (moisture 14%)						
Fava bean (moisture 15%)	4134	629	2964	1468	1971	2465
Pure yield (no trash, kg/ha)						
Moisture (%)			15,8		18,9	16,6
Moisture (%)	14,60		16,6		19,4	
Trash (%)	2,60	2,70		5,80		19,60
Protein content (%)	12,7		13,9		14,4	