

Supplemental information

Table 1. The composition and seeding rates (kg ha⁻¹) of the 11 cover crops used in the experiment ^a

Monocultures	Cereal rye	Oats	Canola	Forage radish	Austrian winter pea	Medium red clover
Cereal rye	139					
Oats		103				
Canola			11,3			
Forage radish				11,2		
Austrian winter pea					87,4	
Medium red clover						13,5
Mixtures						
3 Sp N ^b	28				43,7	6,7
3 Sp W ^c	69,5	51,6				9
4 Sp	28		6,7		43,7	6,7
6 Sp	28	25,8	3,4	3,4	21,3	3,4

^a Abbreviations: 3SpN: cereal rye, medium red clover, Austrian winter pea; 3SpW: oats, cereal rye, medium red clover; 4Sp: cereal rye, canola, medium red clover, Austrian winter pea; 6Sp: cereal rye, oats, forage radish, canola, medium red clover, Austrian winter pea.

^b 3SpN: species selected to maximize nutrient cycling before corn.

^c 3SpW: species selected to maximize weed control.