

Effect of poplar genotypes on mycorrhizal infection and secreted enzyme activities in mycorrhizal and non mycorrhizal roots

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Supplementary Material

Table S1: Heterosis calculated as the ratio between the average of the hybrids and the best parent (a) or between the average of the hybrids and the average of the two parents (b)

Character		Heterosis	
		a	b
Mycorrhizal colonization		+ 25	+ 75
Chlorophyll		- 21	- 7
Leaf maximum area		+ 46	+ 51
Dry weight	Stems	- 17	- 14
	Roots	+ 1	+ 11
	Leaves	-41	-36
Activities of mycorrhizal root tips	Xylosidase	+ 26	+ 62
	Glucuronidase	+ 19	+ 44
	N-acetylhexosaminidase	+ 22	+ 19
	Cellobiohydrolase	+ 0.2	+ 59
	Glucosidase	- 13	+ 30
	Acid phosphatase	+ 9	+ 54
	Laccase	- 15	- 8
Activities of non mycorrhizal root tips	Xylosidase	+ 34	+ 103
	Glucuronidase	+ 19	+ 82
	N-acetylhexosaminidase	+ 3	+ 11
	Cellobiohydrolase	+ 53	+ 75
	Glucosidase	+ 15	+ 38
	Acid phosphatase	- 4	- 3
	Laccase	0	0