

Genetic diversity and genetic structure of black alder (*Alnus glutinosa* [L.] Gaertn) in the Belgium-Luxembourg-France cross-border area

Tree Genetics and Genomes

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Location	Type of collection	Country	Longitude	Latitude	Watershed	Region of provenance	Number of trees
Aiseau-Presles	Germplasm	Belgium	4.59	50.41	Meuse	3	1
Attert	Germplasm	Belgium	5.79	49.75	Rhine	5	1
Blier	Germplasm	Belgium	5.55	50.28	Meuse	4	1
Bomal	Germplasm	Belgium	5.52	50.38	Meuse	3	1
Chéoux	Germplasm	Belgium	5.47	50.22	Meuse	4	1
Daverdisse	Germplasm	Belgium	5.12	50.02	Meuse	4	1
Ethe	Germplasm	Belgium	5.58	49.58	Meuse	5	1
Fallais	Germplasm	Belgium	5.18	50.61	Meuse	2	1
Ferme-au-Pont	Germplasm	Belgium	5.65	50.10	Meuse	4	4
Forrières	Germplasm	Belgium	5.28	50.13	Meuse	3	1
Fosses-la-Ville	Germplasm	Belgium	4.70	50.40	Meuse	3	1
Gembes	Germplasm	Belgium	5.06	50.00	Meuse	4	1
Givry	Germplasm	Belgium	4.03	50.38	Scheldt	1	1
Habay-la-Neuve	Germplasm	Belgium	5.65	49.73	Meuse	4	11
Houffalize	Germplasm	Belgium	5.79	50.13	Meuse	4	9
Jamioulx	Germplasm	Belgium	4.41	50.35	Meuse	3	7
Latour	Germplasm	Belgium	5.57	49.56	Meuse	5	1
Leval-Chaudeville	Germplasm	Belgium	4.22	50.24	Meuse	3	1
Marbehan	Germplasm	Belgium	5.54	49.73	Meuse	4	1
Maredsous	Germplasm	Belgium	4.79	50.28	Meuse	3	1
Meeffe	Germplasm	Belgium	5.02	50.61	Meuse	1	1
Messancy	Germplasm	Belgium	5.82	49.59	Meuse	5	1
Mont sur Marchienne	Germplasm	Belgium	4.40	50.39	Meuse	3	7
Montignies St Christophe	Germplasm	Belgium	4.19	50.28	Meuse	3	1
Nismes-Pétigny	Germplasm	Belgium	4.55	50.07	Meuse	3	1
Obigies	Germplasm	Belgium	3.36	50.66	Scheldt	1	1
Onoz	Germplasm	Belgium	4.67	50.49	Meuse	1	1
Radelange	Germplasm	Belgium	5.72	49.84	Rhine	4	3
Resteigne	Germplasm	Belgium	5.17	50.08	Meuse	3	1
Saint-Mard	Germplasm	Belgium	5.53	49.55	Meuse	5	1
Saint-Martin	Germplasm	Belgium	4.65	50.51	Meuse	1	1
Schoenberg	Germplasm	Belgium	6.27	50.29	Rhine	4	3
Solre sur Sambre	Germplasm	Belgium	4.15	50.31	Meuse	3	1
Stoumont	Germplasm	Belgium	5.81	50.41	Meuse	4	1
Tenneville	Germplasm	Belgium	5.52	50.09	Meuse	4	4
Thy-le-Château	Germplasm	Belgium	4.43	50.28	Meuse	3	1
Trois-Ponts	Germplasm	Belgium	5.87	50.37	Meuse	4	1
Vencimont	Germplasm	Belgium	4.92	50.03	Meuse	4	1
Vierves-sur-Viroin	Germplasm	Belgium	4.63	50.08	Meuse	3	1
Wyompont	Germplasm	Belgium	5.56	50.08	Meuse	4	4
Yves-Gomezée	Germplasm	Belgium	4.49	50.24	Meuse	3	1

Sarrebourg	Germplasm	France	7.05	48.73	Rhine	6	1
Creutzwald	Germplasm	France	6.69	49.23	Rhine	6	1
Migneville	Germplasm	France	6.78	48.54	Rhine	6	1
Blies-Guersviller	Germplasm	France	7.08	49.15	Rhine	6	1
Gavisse	Germplasm	France	6.28	49.43	Rhine	6	4
Budange	Germplasm	France	6.34	49.28	Rhine	6	4
Charency-Vezin	Germplasm	France	5.51	49.48	Meuse	6	1
Vigneul sous Montmédy	Germplasm	France	5.34	49.51	Meuse	6	1
Frapelle	Germplasm	France	7.06	48.28	Rhine	6	1
Thionville	Germplasm	France	6.18	49.39	Rhine	6	5
Fraize	Germplasm	France	6.98	48.19	Rhine	6	1
Thiaville	Germplasm	France	6.81	48.42	Rhine	6	1
Rehainviller	Germplasm	France	6.46	48.56	Rhine	6	1
Inor	Germplasm	France	5.16	49.54	Meuse	6	1
Autrey	Germplasm	France	6.69	48.30	Rhine	6	1
Eloyes	Germplasm	France	6.61	48.09	Rhine	6	1
Millery	Germplasm	France	6.12	48.81	Rhine	6	1
Pierre la Treiche	Germplasm	France	5.93	48.64	Rhine	6	1
Laveline-devant-Bruyère	Germplasm	France	6.75	48.19	Rhine	6	1
Guinglange	Germplasm	France	6.53	49.07	Rhine	6	1
Pange	Germplasm	France	6.36	49.08	Rhine	6	1
Pont à Chaussy	Germplasm	France	6.38	49.14	Rhine	6	1
Allarmont	Germplasm	France	7.02	48.49	Rhine	6	1
GrosBliederstroff	Germplasm	France	7.04	49.14	Rhine	6	1
Nitting	Germplasm	France	7.04	48.66	Rhine	6	1
Volmunster	Germplasm	France	7.36	49.13	Rhine	6	1
Granges-sur-Vologne	Germplasm	France	6.84	48.12	Rhine	6	1
selz-Keiermillen	Germplasm	Luxemburg	6.19	49.88	Rhine	-	1
Clervaux	Germplasm	Luxemburg	6.02	50.05	Rhine	-	2
Ermsdorf	Germplasm	Luxemburg	6.22	49.83	Rhine	-	1
Reisdorf	Germplasm	Luxemburg	6.25	49.87	Rhine	-	1
Wallendorf	Germplasm	Luxemburg	6.31	49.88	Rhine	-	1
Bockholtz	Germplasm	Luxemburg	5.99	49.92	Rhine	-	10
Selz	Germplasm	Luxemburg	6.19	49.88	Rhine	-	1
Gilsdorf	Germplasm	Luxemburg	6.20	49.87	Rhine	-	8
Warken	Germplasm	Luxemburg	6.09	49.85	Rhine	-	1
Merkholtz	Germplasm	Luxemburg	5.99	49.96	Rhine	-	1
Maulusmühle	Germplasm	Luxemburg	6.02	50.09	Rhine	-	1
Fourneau St Michel	population	Belgium	5.38	50.07	Meuse	4	25
Schoenberg	population	Belgium	6.27	50.29	Rhine	4	25
Ligne	population	Belgium	3.71	50.61	Scheldt	1	15
Gosselming	population	France	7.01	48.81	Rhine	6	21
Blizin	population	Poland	20.73	51.07	-	-	26
Esrum	population	Denmark	12.38	55.98	-	-	20
Umeå	population	Sweden	20.44	63.77	-	-	24