

Identity card

Intra-specific hybrid *Populus deltoides* x *Populus nigra*

Mother: *Populus deltoides* 89-B-14

Father: *Populus nigra* 73193-97

Sex: male

Date of creation: 2001, by crossing controlled at INRAE in Orléans

Co-breeders: Poplar GIS members (FCBA and INRAE)

Community plant variety protection: *waiting*



6 year old plot

Morphological characteristics and wood quality

Crown shape: semi-spread

Bud break: intermediate to late

Defoliating: intermediate to late

Architecture:

	Trunk straightness	Branch angle	Branch size	Presence of intervertebral branches
Charcane	very slightly flexuous	rather closed	medium	frequent
I-214	flexuous	very open	medium	quite frequent
Koster	straight	intermediate	thin	very frequent

Wood quality: heavy wood, infradensity (at 2 years) close to 350 kg.m⁻³ (I-214 : 270 kg.m⁻³)

Performances evaluated in experimental devices

Sensitivity to diseases and insects:

	Very sensitive	Sensitive	Medium	Not very sensitive	Very insensitive
Bacterial canker (<i>X. populi</i>)			X		
Leaf browning (<i>D. brunnea</i>)				X	
Rust (<i>M. larici-populina</i>)				X	
Woolly aphid (<i>P. passerinii</i>)					X

Growth: Higher than I-214 and equivalent to Dorskamp. Growth was assessed on 16 plots of varying ages (2 to 11 years), located in various soil and forestry contexts. Growth is compared to controls I-214 and Dorskamp, present at all sites.