Masuri frunza

N₁ = 8,2cm

N₂a = 8,4cm N₂b = 7,9cm

N₃a = 6cm N₃b = 5,4cm

N₄a = 3,9cm N₄b = 3,3cm

L = 13cm

l = 12,9cm

d₁a = 3,3cm d₁b = 3,4cm

d₂a = 2,8cm d₂b = 3cm

αa = 39° αb = 43°

βa = 62° βb = 50°

γa = 63° γb = 63°

OIV 067 – Forma frunzei

1. Valori Rapoarte

A=N₂/ N₁ = [(N₂a+ N₂b)/2]/ N₁= [(8,4+7,9)/2]/8,2 = 0,99 => A = 0

B=N₃/ N₁ = [(N₃a+ N₃b)/2]/ N₁= [(6+5,4)/2]/8,2 = 0,69 => B = 3

C=N₄/ N₁ = [(N₄a+ N₄b)/2]/ N₁= [(3,9+3,3)/2]/8,2 = 0,43 => C = 5

Cod ABC = 035

L/l = r = 1 => Frunza rotunda

1. Valorile unghiurilor

α = (αa+αb)/2 = 41°

β = (βa+βb)/2 = 56°

γ = (γa+γb)/2 = 63°

α+ β = 97 => cod 3

α+ β+γ = 160 => cod 6

Cod complet = cod ABC + cod valori unghiuri = 035 36 =>Frunza orbicular-reniforma

(cf Pierre Galet)

OIV 068 Lobia frunzei

Determinarea profunzimii sinusurilor laterale

d₁/ N₂ = [(d₁a+ d₁b)/2]/[(N₂a+N₂b)/2]=[(3,3+3,4)/2]/[(8,4+7,9)/2] = 3,35/8,15 = 0,41 => cod 5

d₂/ N₃ = [(d₂a+ d₂b)/2]/[(N₃a+N₃b)/2]=[(2,8+3)/2]/[(6+5,4)/2] = 2,9/5,7 = 0,51 => cod 4

Cod 54 => Sinusuri pronuntate (frunze palmat-fidate)