

()

(Pyrus serotina Rehd.)

*

(// : // :)

(Pyrus serotina)

(KS₁₂ KS₈)

(KA₁₄ KS₁₃)

Y= -

$$Y = - 7.44061 + 2.93168 X \quad 6.87042 + 2.81226 X$$

() ()

.()

()

()

() ($R^2 = 0.98$)

()

()

()

()

(%)

(%)

()

()

()

(%)

()
)

(

()

-
- 1. Destructive
 - 2. Non- destructive
 - 3. Main data
 - 4. Validation data

(.) (*Pyrus communis* L)

()

()

(KS₁₄ KS₁₃)

(KS₁₂ KS₈)

()

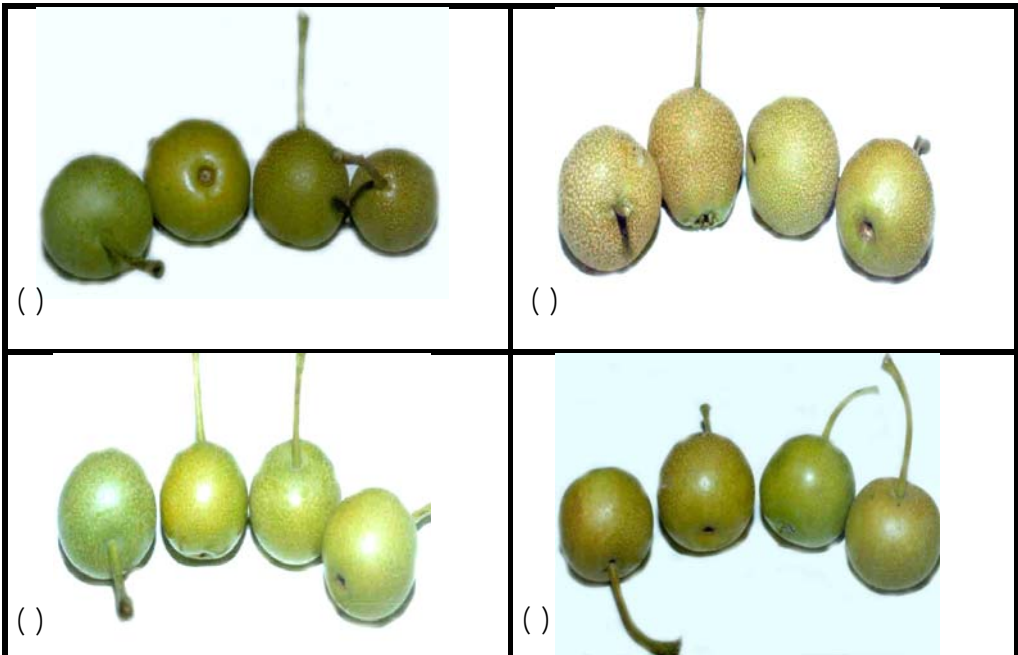
KS₁₃ KS₈

/	
/	
/	

KS₁₃ KS₁₂ KS₈

KS₁₄

1. Non- destructive



()

KS₁₄ (KS₁₃ (KS₁₂ (KS₈ (

(B)

mm

()

(X) (Y= a + bX)

()

(Y)

R ²	F	RMSE	b	a	
/	/ **	/	/	/	KS8
/	/ **	/	/	/	KS12
/	/ **	/	/	/	KS13
/	/ **	/	/	/	KS14
/	/ **	/	/	/	

**

(X) (Y= a + bX)

(Y)

R2	F	RMSE	b	a	
/	/ **	/	/	/	KS8
/	/ **	/	/	/	KS12
/	/ **	/	/	/	KS13
/	/ **	/	/	/	KS14
/	/ **	/	/	/	

**

(Ln)

(.) [Ln (x + 1)]

SPSS

1. Water displacement technique

2. Minitab

()

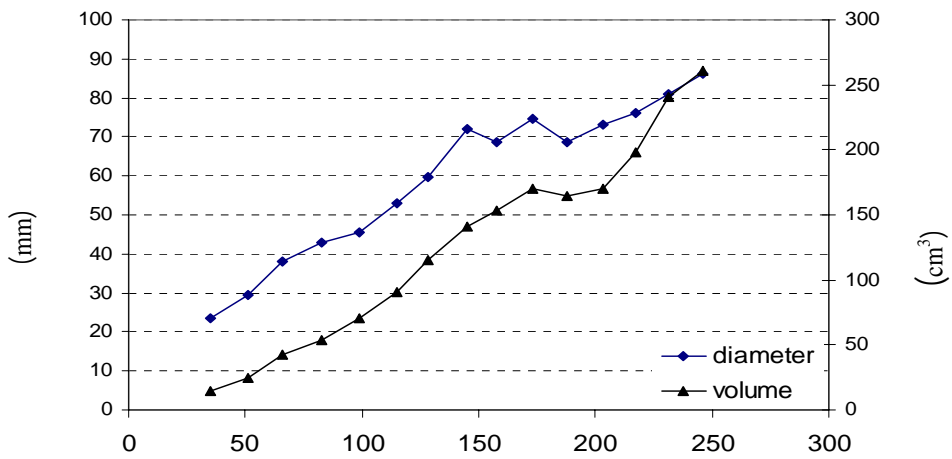
(*Pyrus serotina* Rehd.)

(gr)	(gr)	(cm ³)	(mm)	(mm)	
b / ± /	b / ± /	b ± /	a / ± /	a / ± /	KS ₈
a / ± /	a / ± /	a ± /	a / ± /	a / ± /	KS ₁₂
bc / ± /	c / ± /	c ± /	b / ± /	b / ± /	KS ₁₃
c / ± /	c / ± /	c / ± /	b / ± /	b / ± /	KS ₁₄

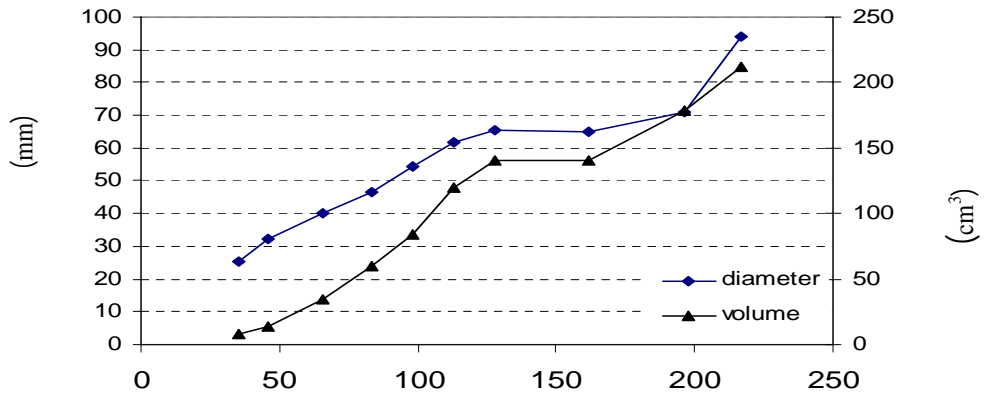
%

$R^2 = 0.946$

() (0.998)

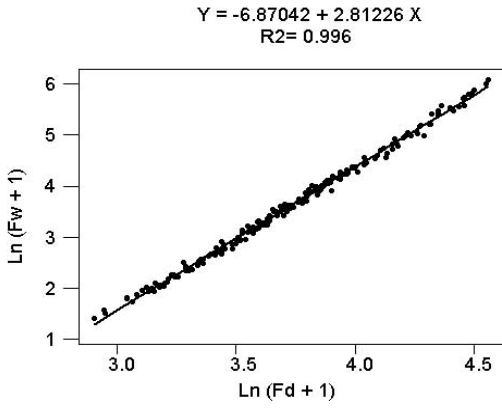


(=)



(=)

()



KS₈

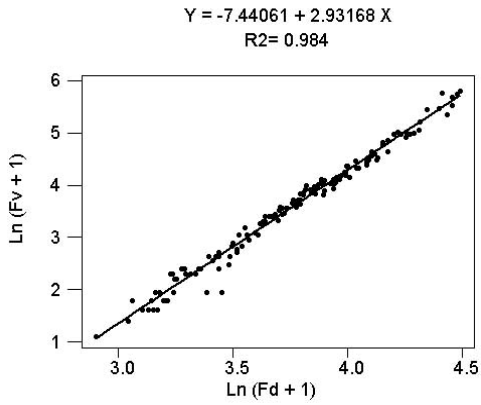
KS₁₄ KS₁₃ KS₁₂

(=Ln =Fw =Fd)

KS₁₂ KS₈

KS₁₃

KA₁₄



KS₈

KS₁₄ KS₁₃ KS₁₂

(=Ln =Fv =Fd)

()

% "F"

()

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