

( )

*(Pyrus serotina* Rehd.)

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( // : // : )

*(Pyrus serotina)*

(KS<sub>12</sub> KS<sub>8</sub>)

(KA<sub>14</sub> KS<sub>13</sub>)

Y= -

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

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( ) ( )

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( )

( )

( ) ( $R^2=0.98$ )

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( )

( )

( )

(% )

(% )

( )

( )

( )

(% )

( )

)

(

( )

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

( ) (*Pyrus communis* L)

( )

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(KS<sub>14</sub> KS<sub>13</sub>)

(KS<sub>12</sub> KS<sub>8</sub>)

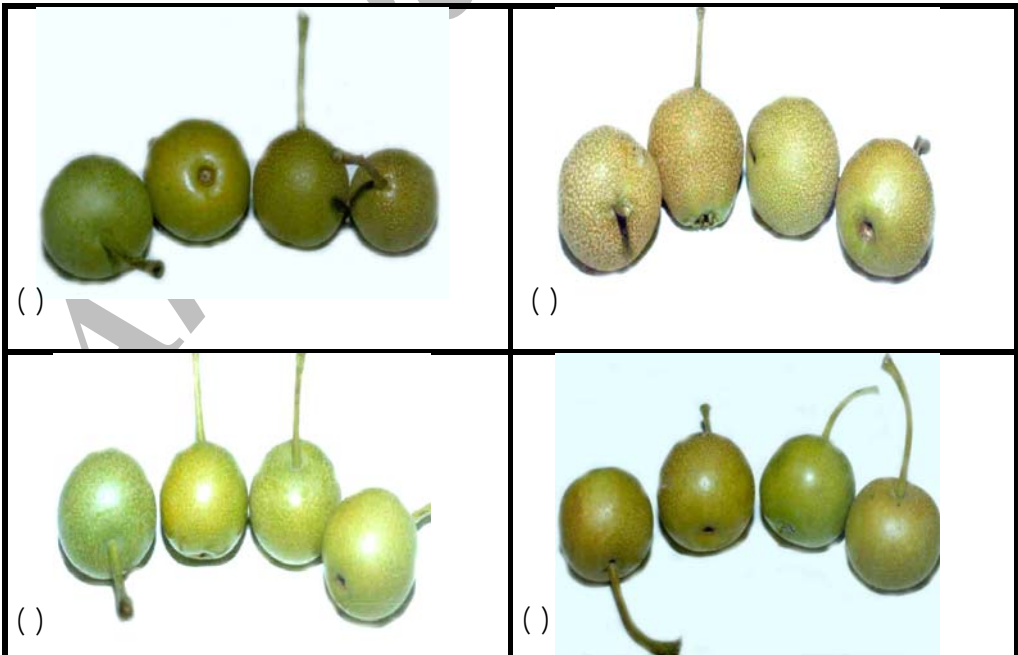
( )

KS<sub>13</sub> KS<sub>8</sub>

KS<sub>13</sub> KS<sub>12</sub> KS<sub>8</sub>

KS<sub>14</sub>

1. Non- destructive



( )

KS<sub>14</sub> ( KS<sub>13</sub> ( KS<sub>12</sub> ( KS<sub>8</sub> (

( B )

mm

( )

(X) (Y= a + bX)

(Y)

R <sup>2</sup>	F	RMSE	b	a
/	/ **	/	/	/
/	/ **	/	/	/
/	/ **	/	/	/
/	/ **	/	/	/
/	/ **	/	/	/

\*\*

(X) (Y= a + bX)

(Y)

R <sup>2</sup>	F	RMSE	b	a
/	/ **	/	/	/
/	/ **	/	/	/
/	/ **	/	/	/
/	/ **	/	/	/
/	/ **	/	/	/

\*\*

(Ln)

(.) [Ln (x + 1)]

SPSS

1. Water displacement technique

2. Minitab

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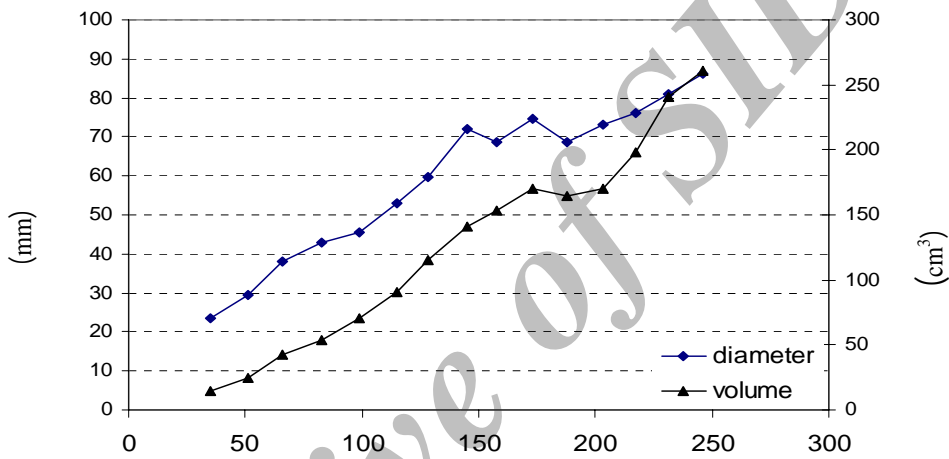
(*Pyrus serotina* Rehd.)

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

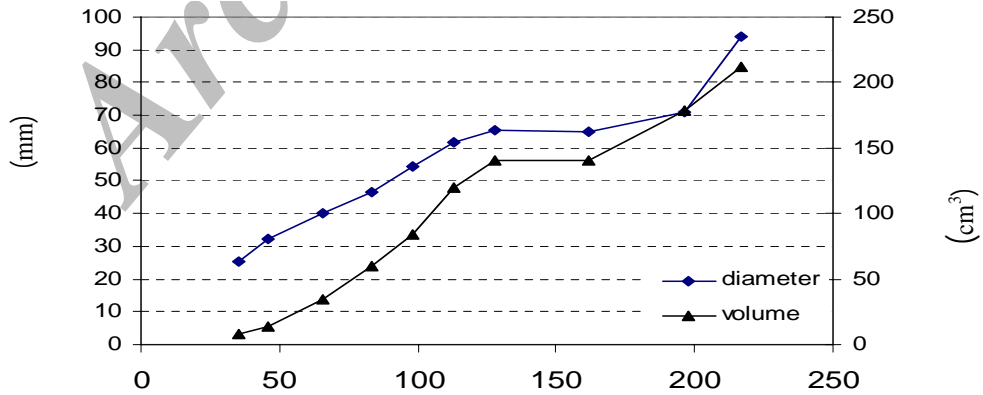
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$R^2 = 0.946$

( ) (0.998)

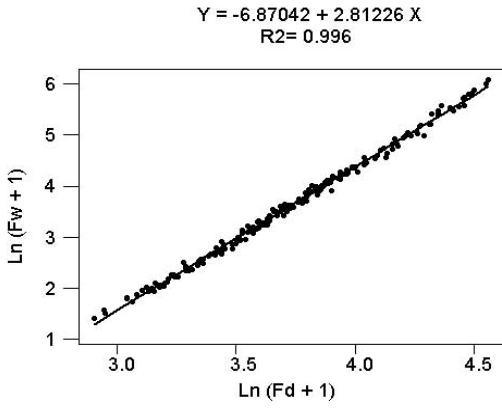


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( = )

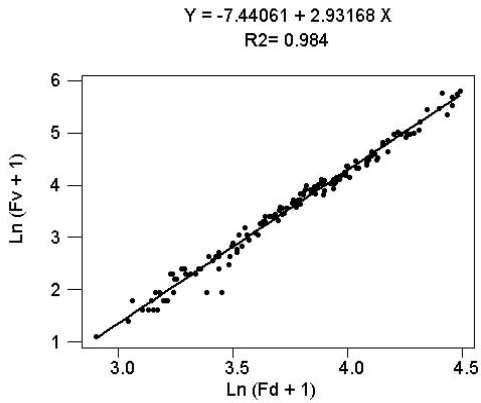
( )



KS<sub>8</sub>

KS<sub>14</sub> KS<sub>13</sub> KS<sub>12</sub>

( =Ln =Fw =Fd)



KS<sub>8</sub>

KS<sub>14</sub> KS<sub>13</sub> KS<sub>12</sub>

( =Ln =Fv =Fd)

KS<sub>12</sub> KS<sub>8</sub>

KS<sub>13</sub>

KA<sub>14</sub>

( )

% "F"

( )

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