

( )

//

( $r_g = / *$ )

( $r_g = / **$ )

/

( $R^2 = /$  )

( $p = /$  )

( $p = /$  )

( )

( $rg = /$  )

/

:

(*B.napus*

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*ssp.oleifera* L.)

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*B.juncea*

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N.I.R<sup>1</sup>

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( )

$$\sigma^2 p = \sigma^2 g + \sigma^2 e \quad \sigma^2 g = (\sigma^2 t - \sigma^2 e) / r$$

$$\sigma^2 e \quad \sigma^2 t$$

r

$$\sigma g_{xy} = (\sigma t_{xy} - \sigma e_{xy})$$

$$\sigma p_{xy} = \sigma g_{xy} + \sigma e_{xy}$$

:( )

y x

$\sigma e_{xy} \quad \sigma t_{xy}$

)

$$r g = \sigma g_{xy} / \sqrt{\sigma^2 g_x \cdot \sigma^2 g_y}$$

( /

$$r p = \sigma p_{xy} / \sqrt{\sigma^2 p_x \cdot \sigma^2 p_y}$$

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( )

(p<sub>iy</sub>) y

i

KSM3-I-124	KS7638	
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$r_{ij}$

$r_{ij} \cdot p_{yj} \cdot p_{yj} \cdot (j) \cdot (i)$

)

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$$\sum_i p_{iy}^2 + 2 \sum_{ij} p_{iy} r_{ij} p_{jy} + \sum_j p_{jy}^2 = 1$$

$(CV_g) \quad (CV_p)$

$p_{xy}^2 \quad \Sigma$

(% / )

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%

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Ward

ARC91022-59L-4	CASINO	
ARC91017-44E-5	CERES	
ARC91016-41-E5	COLVERT	
ARC91023-63L-4	ERICKA	
ARC91016-41L-2	FORNAX	
ARC91004	GA96038A	
GA96200E	KS-Su-CO5-S	SLAMO46
JETTON	KS-Su-Wo-S	VDH6036-195
KS3203	OKAPI	VSX-1
KS7419	ORIENT	WICHITA
KS7436	PLAINSMAN	WINFIELD

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	$\bar{x}$			(Std Dev)	(%)	
		(min)	(max)		(CVg)	(CVp)
(kg/ha)	/	/	/	/	/	/
	/		/	/	/	/
(%)	/	/	/	/	/	/
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	/			/	/	/
( )	/			/	/	/
( )	/			/	/	/

	(MS)				(df)	(S.O.V)
/ ** / ns / *	/ *	/ **	/ **	/ **	/ **	(R)
/ ** / *	/ **	/ **	/ **	/ **	/ **	(T)
/	/	/	/	/	/	(e)
/	/	/	/	/	/	(%CV)

/ *	/ **	/ ns	/ **	/ **	/ **	/ **	(R)
/ **	/ **	/ **	/ **	/ **	/ **	/ **	(T)
/	/	/	/	/	/	/	(e)
/	/	/	/	/	/	/	(%CV)

.ns

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df	MS	F	R <sup>2</sup>	β	β	B
/	/	**	/	/	/	/
/	/	**	/	/	/	/
/	/	**	/	/	/	/

$$Y = \beta_0 + \beta_1 x + \beta_2 x^2 + \beta_3 x^3$$

\*\*

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(p= / )

%

(rg= / )

%

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( / )

(p = / )

( / )

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/ **	/ **
/ ** / *	/ .0183 <sup>ns</sup>
/ ** /	/ -.0179*

ns

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$$= / \quad R^2 = /$$

R= /

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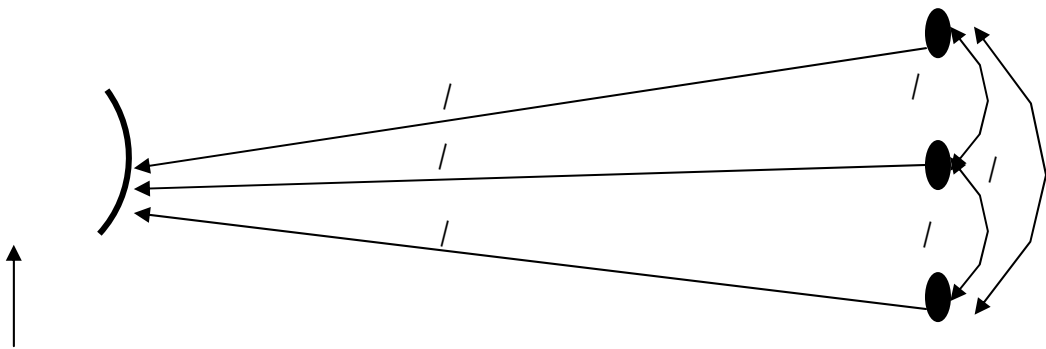
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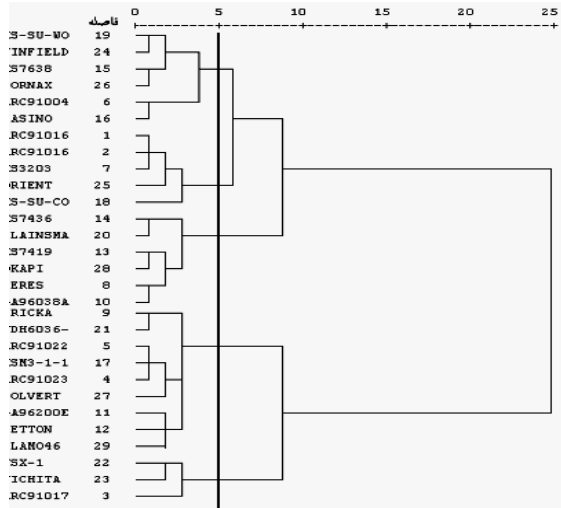
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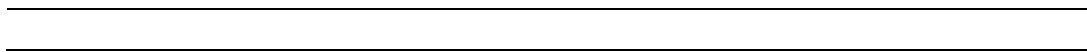


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(%)	/	/	/	/	/	/

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