

()

(Lilium ledebourii)
(L. × Gironde)

*

(// : // :)

NAA BA

/ /

°C °C

/ mg/l NAA

/ mg/l NAA

/ mg/l BA / mg/l NAA

/ mg/l NAA

()

()

() ()
 L. japonicum
 °C

L. ledebourii ()
 Gironde

()

()

Gironde

L. japonicum
 / mg/l / mg/l NAA () MS

() (BA)
 ()

2ip NAA

/ mg/l

/

(V/V)

()

/ ×

) NAA

MS

BA

BA

(

(pH= /)

BA NAA

/ /

±

MS

()

-
1. Murashige and Skoog (1962)
 2. 6- benzylaminopurin
 3. 2-isopentenyl adenine

()

MSTATC

NAA

BA

NAA BA

()

BA NAA

(MS)			(df)
()			
/**	/**	/**	BA
/ns	/**	/**	BA ×
/**	/**	/**	NAA
/**	/**	/**	NAA ×
/**	/**	/**	NAA×BA
/**	/**	/**	NAA×BA×
/**	/**	ns	
/ns	/ns	/ns	×
/**	/ns	ns	BA×
/ns	/ns	/ns	×BA×
/**	/ns	/ns	×NAA
/*	/ns	/ns	×NAA×
/ns	/**	/ns	×NAA×BA
/**	/ns	/ns	×NAA×BA×
/	/	/	%CV

*

**

ns

/
 / mg/l NAA
 / NAA / mg/l NAA
 /
 BA
 / mg/l BA
 / mg/l BA
 BA
 / mg/l BA
 / mg/l BA
 BA
 / mg/l BA
 / mg/l BA
 NAA
 / mg/l NAA

(SD±)	BA				
()			BA (mg/l)		
/ ± /	a	/ ± /	a†	/	C ₁ B ₁
/ ± /	b	/ ± /	b	/	C ₁ B ₂
/ ± /	c	± /	c	/	C ₁ B ₃
/ ± /	e	± /	d	/	C ₂ B ₁
/ ± /	d	/ ± /	c	/	C ₂ B ₂
/ ± /	b	/ ± /	b	/	C ₂ B ₃

...

:

(SD±)		NAA				NAA		
						(mg/l)	(mg/l)	
/ ± /	d	/ ± /	b	/ ± /	a†			C ₁ N ₁
/ ± /	b	/ ± /	a	/ ± /	a	/		C ₁ N ₂
/ ± /	a	/ ± /	c	/ ± /	b	/		C ₁ N ₃
/ ± /	c	/ ± /	e	/ ± /	d			C ₂ N ₁
/ ± /	b	/ ± /	d	/ ± /	c	/		C ₂ N ₂
/ ± /	a	/ ± /	a	/ ± /	a	/		C ₂ N ₃

(SD±)		NAA BA							
		BA	NAA						
		(mg/l)	(mg/l)						
B ₁ N ₁				a†	/ ± /	c	/ ± /	e	/ ± /
B ₁ N ₂			/	a	/ ± /	b	/ ± /	c	/ ± /
B ₁ N ₃			/	ab	/ ± /	b	/ ± /	a	/ ± /
B ₂ N ₁	/			d	/ ± /	e	/ ± /	f	/ ± /
B ₂ N ₂	/	/		bc	/ ± /	d	/ ± /	d	/ ± /
B ₂ N ₃	/	/		a	/ ± /	a	/ ± /	b	/ ± /
B ₃ N ₁	/			d	/ ± /	e	/ ± /	g	±
B ₃ N ₂	/	/		cd	/ ± /	bc	/ ± /	de	/ ± /
B ₃ N ₃	/	/		ab	/ ± /	a	/ ± /	d	/ ± /

(SD±)		NAA		BA				
		NAA				BA		
		(mg/l)				(mg/l)		
/ ± /	e†		N ₁ S ₁	/ ± /	a	/ ± /	a†	B ₁ S ₁
/ ± /	e		N ₁ S ₂	/ ± /	b	/ ± /	bc	B ₁ S ₂
/ ± /	c	/	N ₂ S ₁	/ ± /	b	/ ± /	bc	B ₂ S ₁
/ ± /	d	/	N ₂ S ₂	/ ± /	c	/ ± /	c	B ₂ S ₂
± /	a	/	N ₃ S ₁	/ ± /	d	/ ± /	b	B ₃ S ₁
/ ± /	b	/	N ₃ S ₂	/ ± /	d	/ ± /	bc	B ₃ S ₂

(.)

2ip

(.)

()

/ / /

BA

()

°C

°C

L.speciosum

()

NAA

/ mg/l NAA

()

()

()

()

NAA BA

NAA

()

/ mg/l

(mg/l)

NAA

()

()

(.)

NAA

BA

/ / mg/l BA

() BA

...

:

() () ()
()

(.)

NAA (.)

/ mg/l NAA

/ mg/l NAA

/ mg/l NAA

NAA

BA

(.)

/ mg/l NAA

/ mg/l BA

(.)

L. martagon

(.)

BA

/ ()

BA / NAA

MS

Casa Blanca

()

(.)

BA

BA

BA

BA

(.)

(2ip BA)

NAA

()

()

()

()

()

()

()

NAA

()

()

()

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