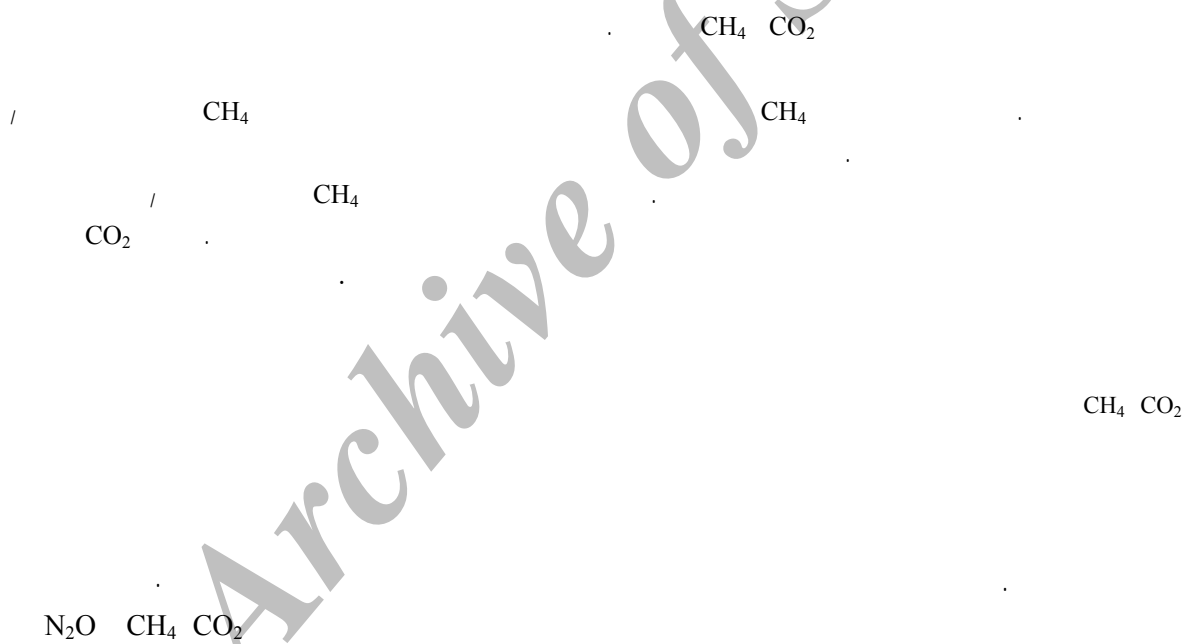


CH₄ CO₂

*

تاریخ دریافت: ۸۶/۷/۱۵ تاریخ پذیرش: ۸۷/۳/۲۵

چکیده



(Tan, et al., 2005)

CO₂

()

/ ppm

ppm

CO₂

CO₂ (Houghton, et al., 1996)

CO₂

()

(Rees, et al., 2005)

CO₂

(Borken, et al., 1999)

(N₂O)

(Lal and

Kimble, 1995)

CH₄ CO₂

ppm

()

(Neue, et al., 1995)

(Bouwman,1990)

48° 28' 59"

48° 27' 50"

31° 14' 1"

31° 13' 45"

(IRRI, 2002)

(Ehhalt and Smith, 1978)

()

()

()

CH₄ CO₂

ppm

UNICAM

Excel

SPSS 10

Duncan

Wang, 2003)

(Grahammer et Beyer, 1991; Gupta and Singh, 1987; al., (1991;

() () %

()

()

:()

(

**	b -۰,۱۰۶۴	a ۲,۲۲۲۱	CH ₄ (mg/m ² /day)
**	b ۰,۵۱۰۰	a ۰,۹۹۹۶	CO ₂ (g/m ² /day)

** معنی دار در سطح ۱٪

CO₂ // () // //

() :

	//	//	//	//	//	//	//	//	
**	/	/	/	/	/	/	/	/	CH ₄
	c	c	bc	bc	a	ab	bc	bc	
**	/	/	/	/	/	/	/	/	CO ₂
	a	ab	b	a	e	d	d	c	

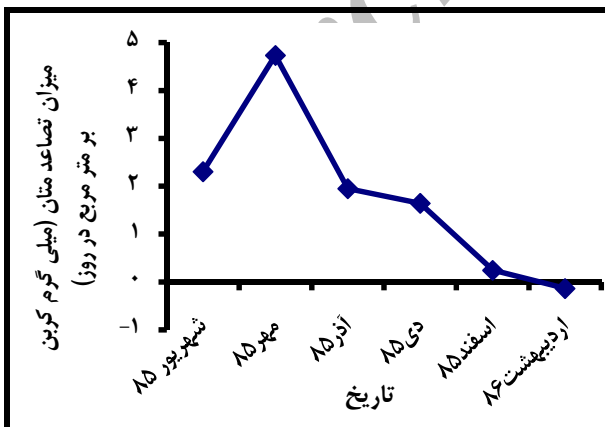
** معنی دار در سطح ۱٪

()

(Jiang, et al., 2006)

()

Wassmann Pathak .



() :

()

(Xu, et ; Ueki, et al., 1997 ; Jiang, et al., 2006)

al., 2002

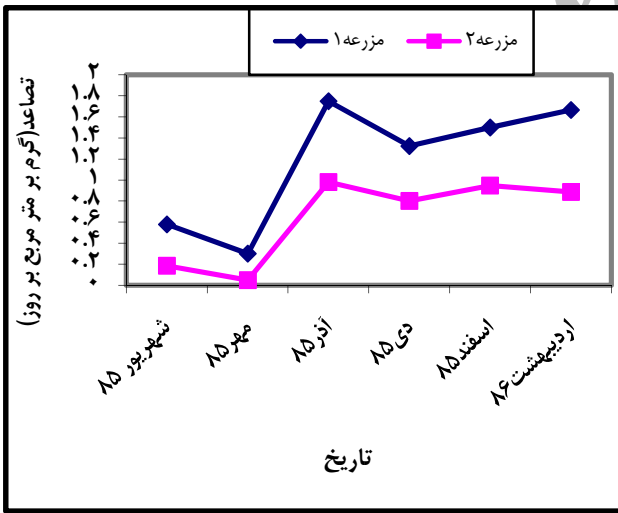
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CO₂
CO₂

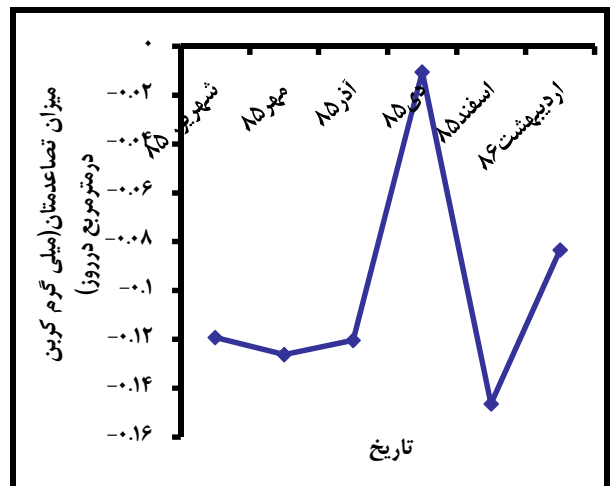
()

()

CO₂



CO₂ : ()



: ()

()

()

CO₂

CO₂

CO₂

CO₂

Dugas & Mielnick

1998

CO₂

Davidson

2000

CO₂

همچنین Lafleur (2005) در بررسی اکوسیستم‌های گیاهی،
رابطه مستقیمی بین تصاعد CO₂ و دمای محیط یافته و این
موضوع را مربوط به تأثیر دما بر تنفس اکوسیستم دانسته است.

CO₂

1- Static Chamber

2- Gas Chromatograph

.DNDC

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