

( )

//

( )

( )

( , Mj/ha)

% ,

( , Mj/ha)

% ,

+

+

+

**A**

( )

( )

( )



)

(

, )

(

:

(ton/ha)

$$FuelEnergy = b.E_f$$

, Mj/kg

(L/ha)

: b

(Mj/L)

:E<sub>f</sub>

% ,

Mj/kg

.( )

, Mj/L

.( )

.( )

% ,

%

, Mj/L

, Mj/L



( )



( )



( )



MF285



( )



( )

	pH	EC	N	P	K	Sand	Clay	Silt	Texture	Pd	OC	Lime
cm	1:5 CaCl <sub>2</sub>	ds/m	%	mg/Kg	mg/Kg	%	%	%		gr/cm <sup>3</sup>	%	%
	,	,	,	,	,	,	,	,	Clay	,	,	,
	,	,	,	,	,	,	,	,	Clay	,	,	,
	,	,	,	,	,	,	,	,	Clay	,	,	,

Ec : Electro Conductivity    Pd : Particle Density    OC : Organic Carbon    Lime : Total Ca Co<sub>3</sub>

(E,F)

(A,B)

(Rimik CP 20 Cone

%

(CI)

Penetrometer)

.( )

Mj/ha (C,D)

% ,

:

Mj/ha (B,D,F)

Mj/ha (A,C,E)

$$P_r = 10^{-6} \frac{F}{A} \text{ (MPa)}$$

F .

%

.( )

% ,

.( )

.( )

$$P_e = \sum_1^n (P_{ri} \cdot z_i) 10^3 \text{ (Kj/m}^2\text{)}$$

Q P

P<sub>ri</sub>

P<sub>e</sub>

Z<sub>i</sub>

i

A

F

.( )

( ) Q ( ) P

%

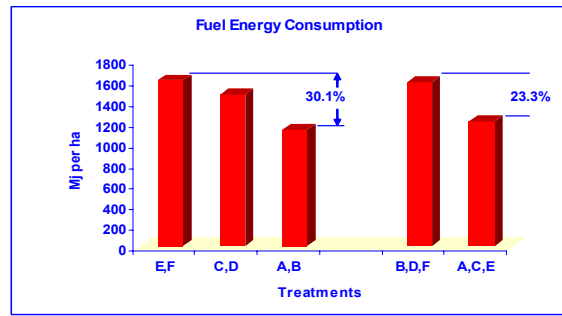
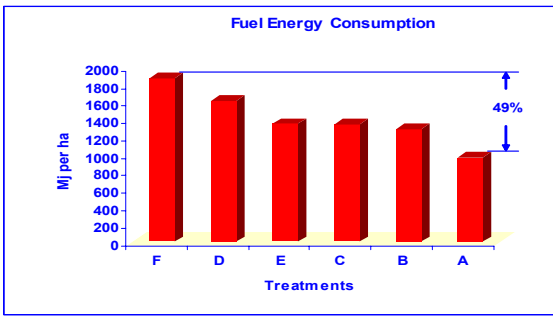
.( )

.( )



( )

	(Mj/ha)	(ton/ha)	(Mj/ha)	(ton/ha)	
	a	a	a	a	A
	ab	a	ab	a	B
	b	a	ab	a	C
	b	a	b	a	D
	ab	a	ab	a	E
	b	a	b	a	F
					:
					:
					%



: B,D,F

: A,C,E

: E,F

: C,D

: A,B

( )

A  
D %  
( ) F

D A  
F A

( )

F D

A

( )

(ton/ha)		(ton/ha)		
, b	, a	, b	, a	C,D
, b	, a	, b	, a	E,F
, a	, a	, a	, a	A,B
,	,	,	,	:
,	,	,	,	:
, a	, a	, a	, a	B,D,F
, a	, a	, a	, a	A,C,E
,	,	,	,	:
,	,	,	,	:
				%

Kj/m<sup>2</sup>

Kj/m<sup>2</sup>

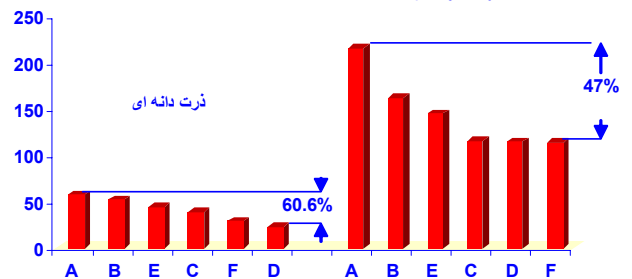
( )

F E

Q P

نسبت انرژی

ذرت علوفه ای



Kj/m<sup>2</sup>

( )

( + )E

( + )C

B A

%

Kj/m<sup>2</sup>

( )

(Cm)

, c	, c	, c	, c	, c	, c	, bc	, ab	A
bc	bc	bc	bc	bc	bc	b	ab	B
, bc	, c	c	, c	, c	, bc	, c	, b	C
abc	bc	bc	, c	, c	bc	bc	ab	D
, a	, a	, a	, a	, a	, a	, a	, a	E
, ab	, ab	, ab	, b	, b	, b	, b	, ab	F
, ,	, ,	, ,	, ,	, ,	, ,	, ,	, ,	:
, ,	, ,	, ,	, ,	, ,	, ,	, ,	, ,	:

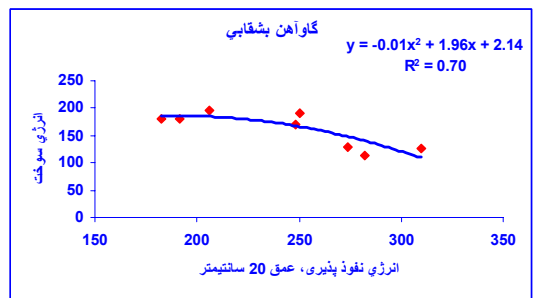
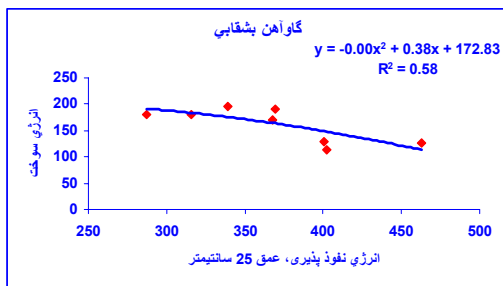
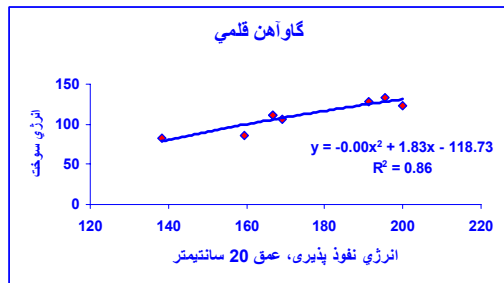
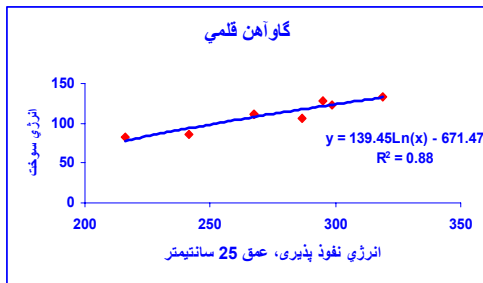
%

( )

(cm)

b	, b	, b	, b	b	, b	, b	, a	C,D
, a	, a	a	, a	, a	, a	, a	, a	E,F
, b	, b	, b	, b	, b	, b	, b	, a	A,B
, ,	, ,	, ,	, ,	, ,	, ,	, ,	, ,	:
, a	, a	, a	, a	, a	, a	, a	, a	B,D,F
, a	, a	, a	, a	, a	, a	, a	, a	A,C,E
, ,	, ,	, ,	, ,	, ,	, ,	, ,	, ,	:
, ,	, ,	, ,	, ,	, ,	, ,	, ,	, ,	:

%





$$Y = -0.001X^2 + 1.83X - 118.73$$

$$R^2 = 0.86$$

A

$$Y = 139.45\ln(x) - 671.47$$

$$R^2 = 0.88$$

C

B

C

D

$$Y = -0.01X^2 + 1.96X + 2.14$$

$$R^2 = 0.70$$

F E

$$Y = -0.001X^2 + 0.38X + 172.83$$

$$R^2 = 0.58$$

A

(R<sup>2</sup>)

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