

(2006-2005)

RCBD

(2009) .(1999)

(20)

(2003)

Barzegeer

1989 . ^{3 /} 1.358 , 1.353 1.259

^{2 /} 16.57 13.04
^{2 /} 22.58 21.53

.(2006)

. 2010 / 3 / 9
. 2010 / 6 / 14

%21 (285S) %30 MF %49
 (2006-2005) (%15.8) (75)
 11
 / (5.64) (215 105)
 RCBD
 (1955 Duncan) (20-15)
 -:
 4 × -: ² / -1
 (1999) ² (0.25)
 -: % -2
 (1983)

$$100 \times \frac{(\text{ }^2 / \text{ })}{(\text{ }^2 / \text{ })} - \frac{(\text{ }^2 / \text{ })}{(\text{ }^2 / \text{ })} = \%(\text{ })$$
 -: % -3
 (1981)

$$Pw = (Ww / Ws) \times 100$$
 () : Ww (%) : Pw
 () : Ws
 -: ³ / -4
 Blake (Samplers Core) (1965, Blake)

$$Pb = Ms / Vt$$
 (m³) : Vt (Mg) : Ms (Mg/m³) : Pb
 -: -5
 (1999,)

(1) - : -1

.1

	³ /	%	%	² /	
13.100	0.963	21.592	61.935	22.860	
11.983	0.921	10.038	63.622	21.845	

(2) - : -2

%(39.670) ² / (36.330) %(85.887) ² / (8.480)
(1999)

.2

	³ /	%	%	² /	
13.300	0.897	8.402	85.887	8.480	
11.783	0.987	14.228	39.670	36.330	

(3) - : -3

%(92.250 79.523) ² / (4.653 12.297)
(1999)

(1999)

. (2003) Barzege

.3

	³ /	%	%	² /		
12.800	0.893	10.823	79.523	12.297		
11.167	1.033	14.630	44.347	33.423		
13.800	0.900	5.980	92.250	4.653		
12.200	0.942	14.097	34.993	39.037		

4.3.2.1 :

%5

X

Y

R²

3 1

% 76.44

4 2

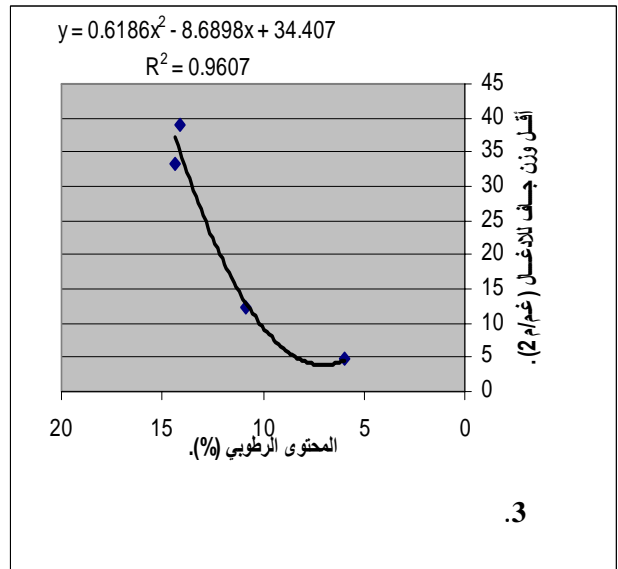
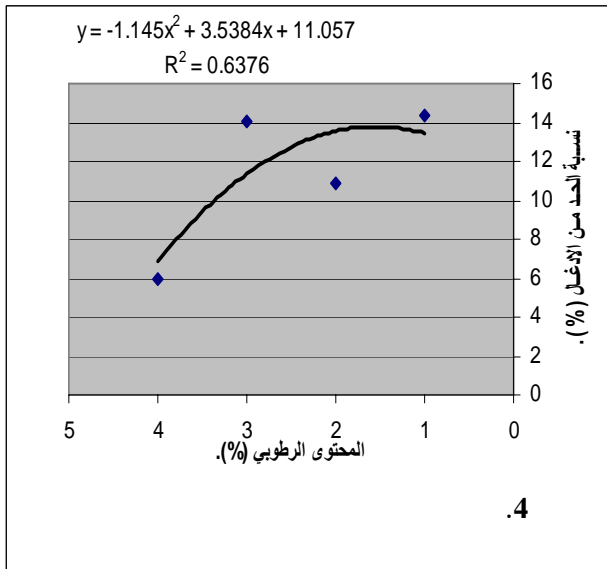
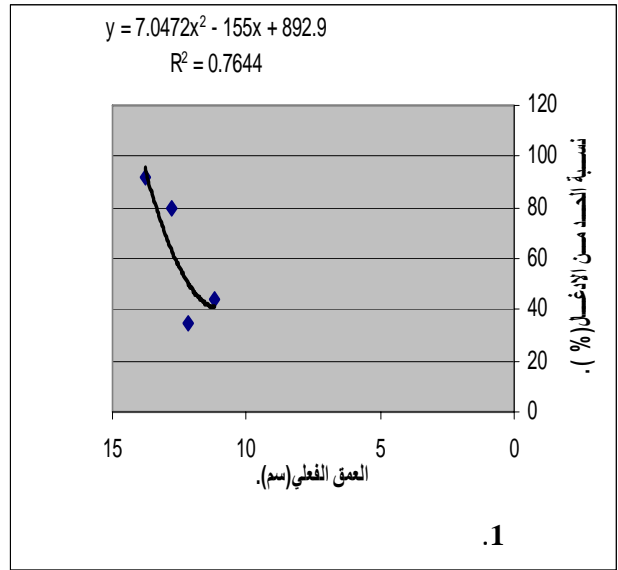
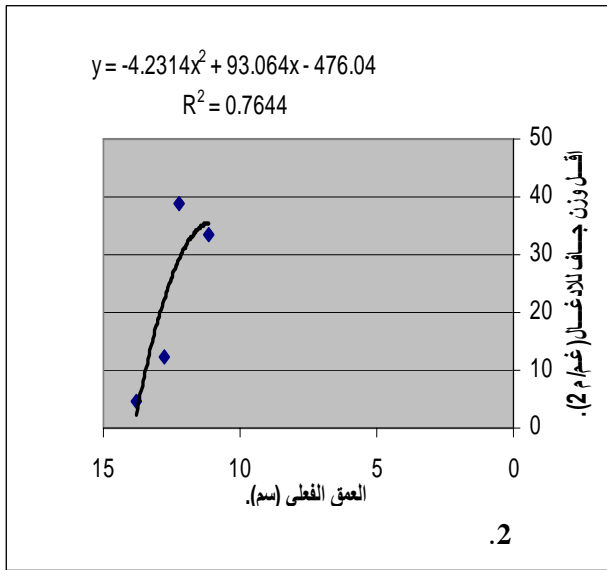
% 96.07 R²

R²

4

% 76.44

. % 63.76 R²



.1999.

.1983 .

.1999 .

.2004 .

.1981.

.2007 .

.1989 .

- Al-Hadithy, Hani Ismail. 2009. Misr Journal Of Agricultural Engineering, January, Vol.26 No.(1) 7-16.
- Barzegar, A.R., M.A. Asoodar, A.M. Khadish A.Hashemi and S.J. Herbert. 2003. Soil physical characteristics and chickpea yield responses to tillage treatments. Soil till. Res. 71, 49-57.
- Blake, C.A., D.D. Evans , J.L. White , L.E. Ensminger and F.E. Clark. 1965. Methods of soil analysis part 1, No.9.Am.soc. Agro. Madison, Wisconsin, USA.
- Duncan, D.B. 1955. Multiple range and multiple F- Test Biometrics, 11:1-42.

THE EFFECT OF DATES AND TILLAGE EQUIPMENT ON SEASONAL WEEDS CONTROL .

Rafi'e Abdul Sattar Mohammad Al-Jawady

Dept. of Agric. Mechanization - College of Agriculture & Forestry - Mousel Univ.

ABSTRACT

The investigation was conducted in the fields of college of Agriculture and Forestry on the season (2005-2006) by using two dates and two types of Plows are moldboard plow and chisel plow, where use a split plots system according to Randomized Complete Block Design and tested results by Duncan multiple-range test, where showed the results of moldboard plow is a better values of properties for less dry weight and weed control percentage, in the both dates with the significant difference comparing with chisel plow. Also the moldboard Plow did not different significantly with properties of soil moisture, bulk density and actual depth comparing with chisel plow with the two dates.