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## تعیین اندازه بهینه مزارع سیب زمینی در استان همدان (مطالعه موردی در شهرستان بهار)

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عضو هیئت علمی مرکز تحقیقات کشاورزی و منابع طبیعی همدان

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### چکیده

(1964) Sen (Bakhshoode & Akbari, 1986; Torkamani & Hardaker, 1996)

Rao (1965) Mazumdar (1966)

Rudra & (1967) Rao (1973) Bandopadhyaya

(1981) Deolalikar (Bakhshoode & Akbari, 1986; Soltani et al., 1992)

Rao & Chotigeat .

(1981)

$$TC = a_0 + a_1 Q + a_2 Q^2 + a_3 Q^3$$

Q TC

(1993) Reddy .

$$LAC = a_1 + a_2 Q + a_3 Q^2$$

Q LAC

(1992) Soltani et al. .

$$\frac{\partial LAC}{\partial Q} = a_2 + 2a_3 Q = 0 \Rightarrow Q = \frac{-a_2}{2a_3}$$

$$\frac{\partial^2 LAC}{\partial Q^2} = 2a_3 > 0$$

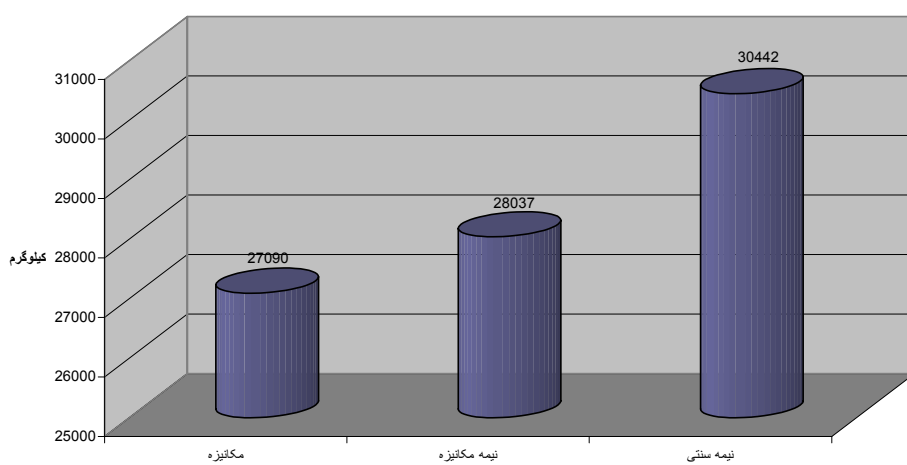
$$\frac{-a_2}{2a_3} \quad Q$$

Q

(Bakhshoode & Akbari, 1986)

... :

$A_3$   $A_2$   $A_1$   $(A_1)$   
 $A_2$   $A_1$   $(A_2)$   
 $(A_3)$



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F :A

$$C = 10Q - 2Q^2 + Q^3$$

$$LAC = 10 - 4Q + 3Q^2$$

$$\frac{dLAC}{dQ} = -4 + 6Q = 0$$

$$Q = 2/3$$

:A

$$C = 10Q - 2Q^2 + Q^3$$

$$t = (1) \quad (1) \quad (1)$$

$$R^2 = 1 \quad \bar{R}^2 = 1 \quad F = 1$$

$$R^2$$

:A

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$$R^2$$

$$F$$

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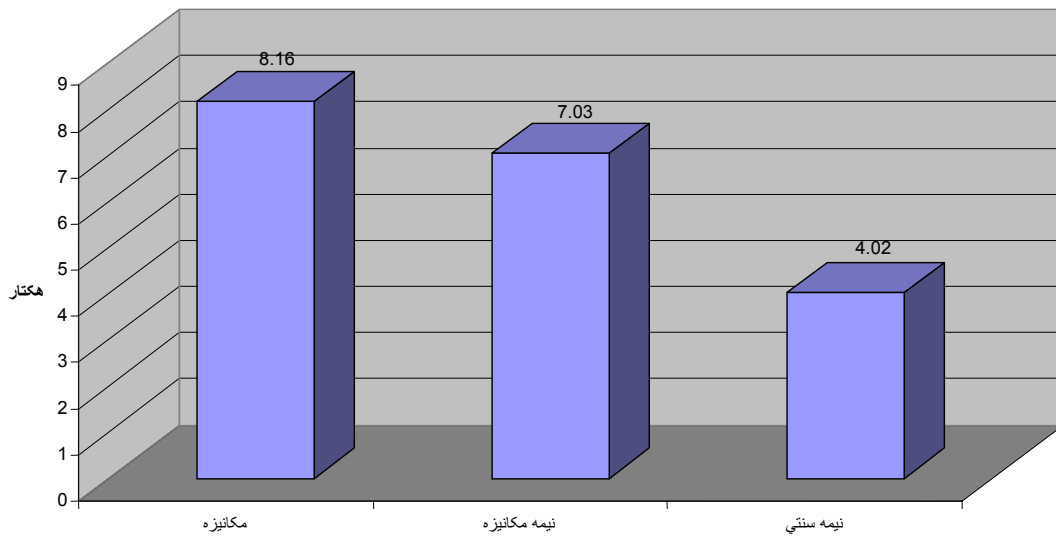
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$$R^2$$



/ (A<sub>3</sub>)

/ A<sub>1</sub>

/ A<sub>2</sub>

/ (A<sub>1</sub>)

(A<sub>2</sub>)

(1993) Reddy

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