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## Comparative Advantage of Almond in Iran

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### Abstract

Cultivation area of Almond is 146055 hectares in Iran and more than 72% of these area are in the Fars, Kerman, E. Azarbaijan, Khorasan and Yazd provinces. In addition to the domestic consumption, large quantity of almond is exported to other countries. In this study, we have used domestic resources cost (DRC) criteria for determining comparative advantages of almond in the selected provinces. The data were obtained from surveying and also from available data. Results showed that the yield of almond in 2004 was low, because of the bad climate conditions. Nevertheless, these provinces had comparative advantage in almond production.

**Keywords:** Almond production, Comparative advantage, DRC

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<sup>4</sup>Nominal protection coefficient of input (NPCI)

<sup>5</sup>Nominal protection coefficient (NPC)

<sup>6</sup>Effective protection coefficient (EPC)

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<sup>1</sup>Social cost – benefit (SCB)

<sup>2</sup>Net social profit (NSP)

<sup>3</sup>Policy analysis matrix (PAM)

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$$DRC = ((\sum B_{K0} P_K^S) / (P_0^S - \sum A_{J0} P_J^S)) = ((\sum B_{K0} P_K^S) / (P_0^b - \sum A_{J0} P_J^b) * E^*) \quad [ ]$$

$$= P_J^S$$

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$$= P_0^S$$

$$= P_K^s$$

$$J = A_{j0}$$

$$k = B_{K0}$$

$$= P_0^b$$

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$$= P_j^b$$

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$$= E^*$$

$$E^* = \frac{CPI_d}{CPI_f} * E_0 \quad [ ]$$

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$$= E_0$$

$$= C PI_d$$

$$= C PI_f$$

$$DRC < 1$$

$$DRC = 1$$

$$DRC > 1$$

<sup>7</sup>Purchasing power parity (PPP)

<sup>8</sup>Cost, insurance and freight (CIF)

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<sup>9</sup>Free on board (FOB)

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DRC

DRC ( )

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