The status of Koohaki goat rearing in Fars province
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History of Koohaki goat breeding in the province
The history of breeding Koohaki goats is not well known. Goats rearing is the most important jobs of people in this areas, that they produce meat, varieties of dairy products, wool and goat hair every year.

Geographic distribution areas
Distribution of Koohaki goat in Fars province (Jooyom, Alborz Kooh (between Jooyon and Jahrom) and Larestan).

Population
According to the statistics offered by Jihad-e-Agriculture, the population of this race accounted for 10000.

The types of rearing systems
Greater population of the animals are rearing in herd by village system and so far, industrial livestock farming experience yet.

Job creation
According to the statistics offered by Jihad-e Sazandegi, approximately 400 households directly engaged in livestock breeding and in this way, earning living costs. Besides, more than 5000 of people engaged in dairy products, handicrafts such as different varieties of Carpet indirectly.

Cultural, social and economic with nomadic and rural communities
Koohaki goats have suitable production in terms of meat, milk and hair. It has important role in their live. Goats’ skin used to produce the water bottle or container (Mashk), oil container and container for making Dough (Yoghurts drink).

Appearance features
Koohaki goats vary in colour: 40 percent black, 60 percent grey, red, brown, white and brown-black. These goats are small size animal with slim and strong legs, mainly horn lying face down and backward. Twinning in this ecotype down.

<table>
<thead>
<tr>
<th>Table 1. Body dimensions of Koohaki goat (cm)</th>
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<tbody>
<tr>
<td>Gender</td>
</tr>
<tr>
<td>Adult male</td>
</tr>
<tr>
<td>Adult female</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Table 2. Annual production of Koohaki goat (Kg)</th>
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<tbody>
<tr>
<td>Lactation period (Day)</td>
</tr>
<tr>
<td>------------------------</td>
</tr>
<tr>
<td>180</td>
</tr>
</tbody>
</table>
Table 3. Reproductive characteristics of Koohaki goat

<table>
<thead>
<tr>
<th>Maturity age (months)</th>
<th>Mating age (Months)</th>
<th>Parturition interval (Months)</th>
<th>Fertility (%)</th>
<th>Twinning (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>---</td>
<td>16</td>
<td>9</td>
<td>96.8</td>
<td>1-2</td>
</tr>
</tbody>
</table>

Table 4. Economic traits of Koohaki goat

<table>
<thead>
<tr>
<th>Gender</th>
<th>Live weight (Kg)</th>
<th>Birth</th>
<th>Weaning</th>
<th>6 Months</th>
<th>Mature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td></td>
<td>2</td>
<td>12.0</td>
<td>15</td>
<td>40</td>
</tr>
<tr>
<td>Female</td>
<td></td>
<td>1.5</td>
<td>11.0</td>
<td>14</td>
<td>32</td>
</tr>
</tbody>
</table>

Export
This animal due to neighborhood with the countries of the Persian Gulf, excess consumption within the country, sold with substantial price in these markets.

Items use of products
The Koohaki goat breeders produce from milk, different dairy products such as: yogurt, butter and cheese that play a very important role in feeding families. Approximately 5-6 months of its milk is used. Their meat as a valuable protein source used for consumption and increase household income.

Measures for identifying and genetic improvement
In 2000, Agriculture experts of Jihad-e-Agriculture organization try to identify Koohaki goats according to their morphological characteristics beside other goat’s ecotypes in Fars province and they have been covered by breeding programs.

Suggestions ways to improve performance
In terms of their production ability, in order to prevent mass extinction of these valuable genes, is suggested to do identifying projects of all production and reproductive traits in breeding programs for increasing their potential production.

Fig.1. Male (left) and female (right) Koohaki Fars goat
Fig. 2. Flock of Koohaki Fars goat