**Table 1.** Division of clusters (groups) according to the similarity of their agricultural practices in coffee production.

|  |  |  |  |
| --- | --- | --- | --- |
| *Cluster* | | Percentage | Frequency |
|  | 1 | 32.3% | 10 |
| 2 | 67.7% | 21 |
| Total | 100.0% | 31 |

**Table 2.** Characterization of producer groups in relation to "Traceability and Planning".

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable  VARIAVEIS | Group 1/*Cluster* 1 | | | | Group 2/*Cluster* 2 | | | |
| N.A | No | Part. | Yes | N.A | No | Part. | Yes |
| 1. Have record of the amount of coffee sold. | 10% | 30% |  | 40% |  | 9.2% | 4,5% | 85.2% |

N.A - no applicable in the property; No – I do not have or not do; Part. – partially or occasionally; Yes – yes or always.

**Table 3.** Characterization of coffee producers in relation to the verifier "Production Technology"

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variables  **VARIAVEIS** | Group 1/*Cluster* 1 | | | | Group 2/*Cluster* 2 | | | |
| N.A | No | Part. | Yes | N.A | No | Part. | Yes |
| 1. Phytosanitary products are stored properly. | 20% | 20% | 40% | 20% |  | 9.5% | 23.8% | 66.7% |
| 2. Fertilizers are stored properly. |  | 40% | 20% | 40% |  | 4.1% | 28.6% | 66.8% |

N.A - no applicable in the property; No – I do not have or not do; Part. – partially or occasionally; Yes – yes or always.

**Table 4.** Characterization of producer groups in relation to “Harvest”.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable  VARIAVEIS | Group 1/*Cluster* 1 | | | | Group 2/*Cluster* 2 | | | |
| N.A | No | Part. | Yes | N.A | No | Part. | Yes |
| 1. Prioritize harvesting with less of 5% of green grains. |  | 60% |  | 40% |  | 4.8% | 19% | 76.2% |

N.A - no applicable in the property; No – I do not have or not do; Part. – partially or occasionally; Yes – yes or always.

**Table 5.** Characterization of coffee producers in relation to the variables “Post Harvest”.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variables  **VARIAVEIS** | Group 1/*Cluster* 1 | | | | Group 2/*Cluster* 2 | | | |
| N.A | No | Part. | Yes | N.A | No | Part. | Yes |
| 1. There is the mixture of lots in the yard. |  | 20% | 10% | 70% | 4.8% | 71.4% | 19% | 4.8% |
| 2. Respect the interval in the yard to the dry. | 30% | 10% | 10% | 50% |  |  | 4.8% | 95.2% |
| 3. Use clean sacks and in good condition. |  | 40% | 30% | 30% |  | 9.5% |  | 90.5% |
| 4. Have a moisture measurer to define the correct point to storage. | 40% | 30% |  | 30% | 9.5% | 4.8% | 4.7% | 81% |
| 5. Consult to cooperative, association or internet to get information about the market. |  | 30% | 20% | 50% |  |  | 9.5% | 90.5% |

N.A - no applicable in the property; No – I do not have or not do; Part. – partially or occasionally; Yes – yes or always.

**Table 6.** Characterization of coffee producers in relation to verifiers of “Workplace Safety”.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variables | Group 1/*Cluster* 1 | | | | Group 2/*Cluster* 2 | | | |
| N.A | No | Part. | Yes | N.A | No | Part. | Yes |
| 1. Wear the IPEs according to the recommendation of manufactures. | 10% | 50% |  | 40% |  | 9.5% | 9.5% | 81% |
| 2. Wash IPEs in an appropriate place. |  | 40% |  | 60% |  | 4.8% | 14.2% | 81% |

N.A - no applicable in the property; No – I do not have or not do; Part. – partially or occasionally; Yes – yes or always.

**Table 7.** Characterization of coffee producers in relation to “Environment”.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variables  **VARIAVEIS** | Grupo 1/*Cluster* 1 | | | | Grupo 2/*Cluster* 2 | | | |
| N.A | No | Part. | Yes | N.A | No | Part. | Yes |
| 1. Apply soil conservation strategy in the property. |  | 40% | 50% | 10% | 4,8% | 9.5% | 9.5% | 76.2% |
| 2. The garbage is properly discarded. |  | 20% | 60% | 20% | 19% |  | 4.8% | 76.2% |
| 3. Do triple washing of packages. |  | 40% | 40% | 20% | 4.8% |  |  | 95.2% |
| 4. Return the empty packages. |  | 30% | 40% | 30% | 4.8% | 9.5% | 9.5% | 76.2% |
| 5. Have the receipt of returned packages. |  | 70% | 20% | 10% |  | 33.3% | 4.8% | 61.9% |
| 6. The Legal Reserve is identified and the employees know the area. | 30% | 50% |  | 20% | 4.8% | 33.3% | 19% | 42.9% |

N.A - no applicable in the property; No – I do not have or not do; Part. – partially or occasionally; Yes – yes or always.