Stakeholders and marketing analysis of African nutmeg (Monodora myristica) in Cameroon

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I-Background

- NTFP's is defined as products of biological origin other than woods (FAO 1999);
- Marketing of NTFP is source of incomes and improve livelihood of poor local communities (Timko et al. 2010; Bevene et al. 2019);
- African nutmeg (Annonaceae family), is native plant to Tropical Africa countries;
- Seeds are consumed for their nutritional value as substitute in soup and stew;
- Nevertheless, the characteristic of stakeholders in the value chain and benefit derived from seed commercialization are under investigation.

Specifically, we will:
- Investigate the marketing channels and market performance of actors.

II-Methods

Data collection
- A sample of 15 collectors and 57 traders were randomly selected;
- Semi-structured questionnaires were administrated to respondents in 2016.

Data analysis
- ANOVA test was used to analyse the difference of profit margin among wholesalers, resellers and retailers actors' group.

Table 1: Market performance of African nutmeg actors

<table>
<thead>
<tr>
<th>Variables in US$ /15kg bucket</th>
<th>Wholesalers n=6</th>
<th>Resellers n=33</th>
<th>Retailers n=18</th>
<th>Total n=57</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abundance period Mean SD</td>
<td>875.00 556.55</td>
<td>105.00 73.86</td>
<td>32.50 17.25</td>
<td>163.15 304.36</td>
</tr>
<tr>
<td>Quantity</td>
<td>12.83 0.75</td>
<td>16.61 0.93</td>
<td>19.56 1.46</td>
<td>17.14 2.29</td>
</tr>
<tr>
<td>Purchase Price</td>
<td>17.00 1.17</td>
<td>48.94 12.74</td>
<td>42.33 12.36</td>
<td>43.49 15.24</td>
</tr>
<tr>
<td>Selling Price</td>
<td>4.17 1.17</td>
<td>32.32 12.81</td>
<td>22.78 13.09</td>
<td>26.35 14.96</td>
</tr>
<tr>
<td>Value Added</td>
<td>18.5 4.28</td>
<td>1.26 0.34</td>
<td>1.00 0.00</td>
<td>2.99 5.52</td>
</tr>
<tr>
<td>Marketing Cost</td>
<td>-14.33 3.77</td>
<td>31.07 12.76</td>
<td>21.78 13.09</td>
<td>23.36 18.29</td>
</tr>
<tr>
<td>Profit Margin</td>
<td>12.83 0.75</td>
<td>43.52 6.75</td>
<td>44.44 6.35</td>
<td>40.58 11.43</td>
</tr>
<tr>
<td>Abundance period SD</td>
<td>52.12 23.16</td>
<td>34.22 23.75</td>
<td>44.09 23.90</td>
<td>41.09 25.22</td>
</tr>
</tbody>
</table>

IV-Conclusions and perspectives

- African nutmeg contribute to improve the livelihood of local communities;
- Challenges: lack of subsidies, lack of land ownership control and gender inequality;
- Policies supporting resources allocation and gender equality will help to mitigate this challenge.

References


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