

ITEM 3 (b)

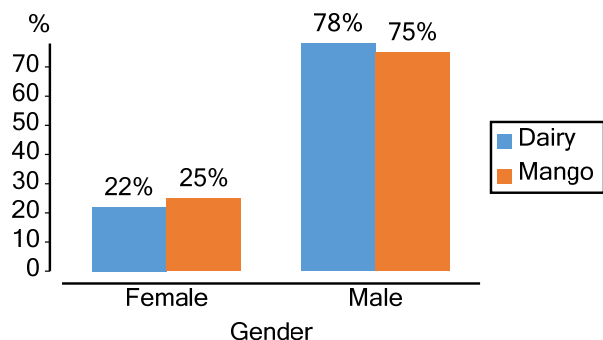
Initial Results: Sindh Field Studies

This paper presents a wide range of charts highlighting results from the Sindh surveys. One hundred and fifty farmers in Sindh in the mango and dairy product area were surveyed. Forty-nine per cent of mango farmers and 19% of dairy farmers surveyed were found to have more than 12.5 acres of land. In this paper, these farmers' responses were excluded, as the study focuses on farmers holding land up to 12.5 acres. The data for those farmers with more than 12.5 acres has been kept and is available for analysis, if required at a later time.

The key results from this initial analysis are as follows.

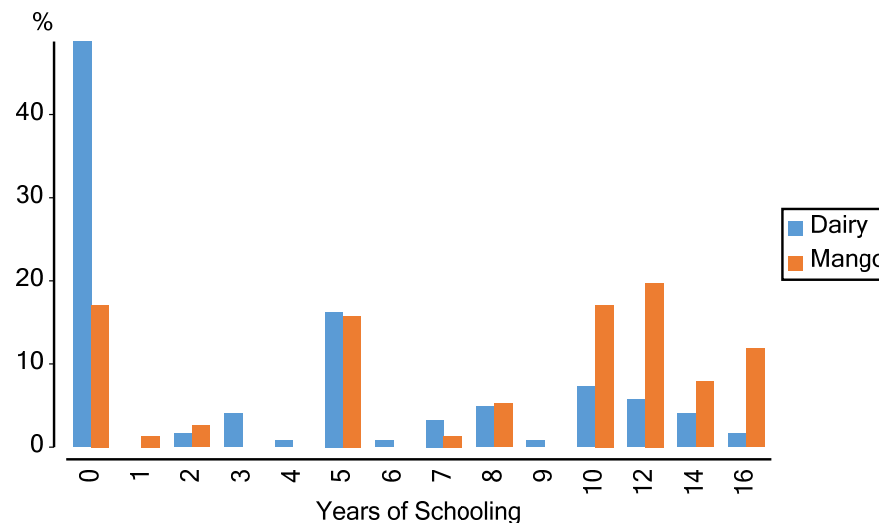
- The profile of dairy farmers is that they are more disadvantaged than mango farmers. They have lower incomes, lower levels of education, lower levels of land ownership – indeed 56% of dairy respondents in Sindh own no land. There is a far higher level of dairy respondents owning no land than in the Punjab survey where 18% of dairy respondents reported no land ownership.
- 29% of surveyed dairy farmers had annual incomes of up to Rs. 240,000 and 75% up to Rs. 480,000. For mango respondents 57% had incomes up to Rs. 480,000.
- For both mango and dairy farmers, their principal income activity was from within their individual sector. Thus mango growers obtain most of their income from mangoes and so on with dairy. Mango growers also obtain income from other fruit/crop sales and some from non-farm income activities. Dairy respondents reports little other income sources other than some livestock sales.
- The major production constraints for mango farmers were access to chemical inputs, credit at affordable prices and access to water when required. Dairy farmers faced a different set of production constraints. The most important were access to higher yielding milk cattle breeds, access to credit, fodder and veterinary services – at reasonable prices.
- 21% of dairy respondents and 37% of mango respondents use credit.
- The sources of credit varied markedly between the sectors. Dairy farmers obtained credit mostly from friends and relatives (38%) and input suppliers (38%); whereas mango respondents obtained credit from government banks (46%), and friends and relatives (39%).
- Only a very small number of respondents (dairy 1% and mango 3%) were restricted to where they can sell their product.
- A very large majority of respondents in both mango and dairy:
 - do not expect future selling arrangements to change;
 - do not use extension services;
 - do not access other government programs; and
 - do not have any formal training in their principal or other income earning activities.
- 96% of mango respondents had access to irrigation water with 38% of these respondents saying they did not have access to water when they needed it. For dairy only 43% had access to irrigation water and 55% of them did not have access when required.
- The level of land ownership was 100% for mango respondents and 41% for dairy.
- The level of home ownership was 100% for mango and 99% for dairy respondents.
- Household sizes were fairly large with 74% of mango respondents and 78% of dairy respondents having a household of more than 6 persons. 46% of mango respondents and 34% of dairy respondents have more than 10 person in their households.
- 94% and 86% of dairy and mango growers stated there were no community-based activities in their villages that assisted in increasing their incomes. However, 91 % of mango respondents and 87% of dairy respondents stated they would participate in such activities if available.

Sindh Respondents Profile



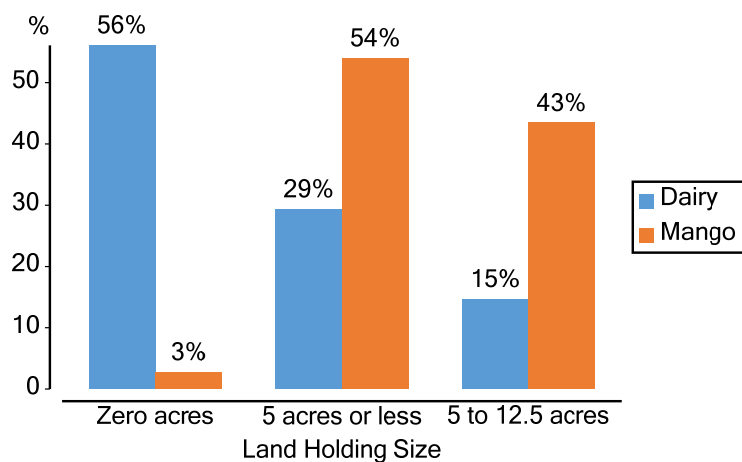
DataCracker.com

Filter: 5 acres or less, 5 to 12.5 acres, Zero acres; sample size = 199; 34% filtered out; 95% confidence level



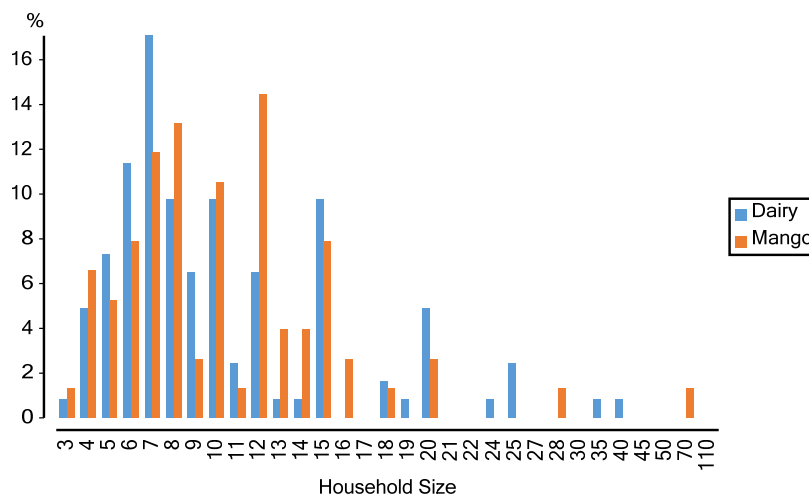
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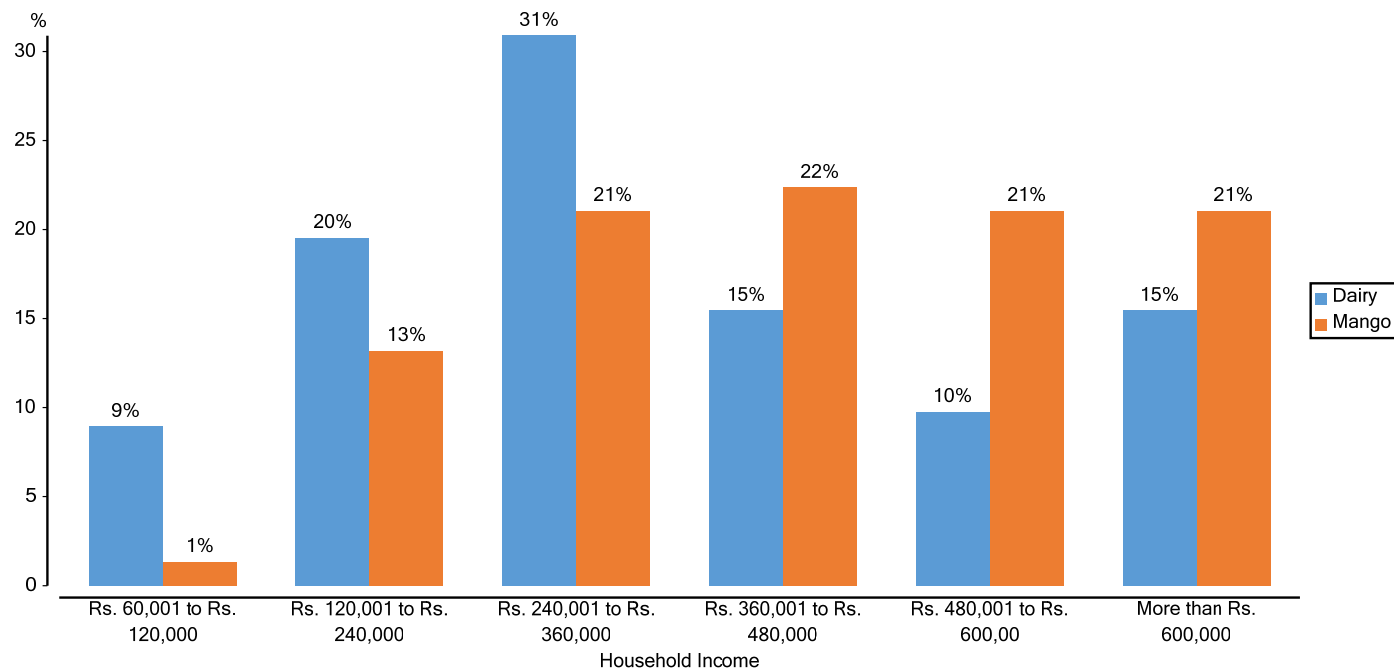
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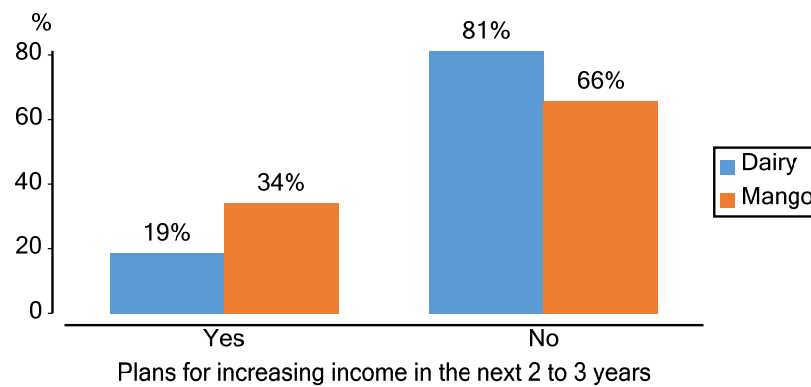
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Household Income



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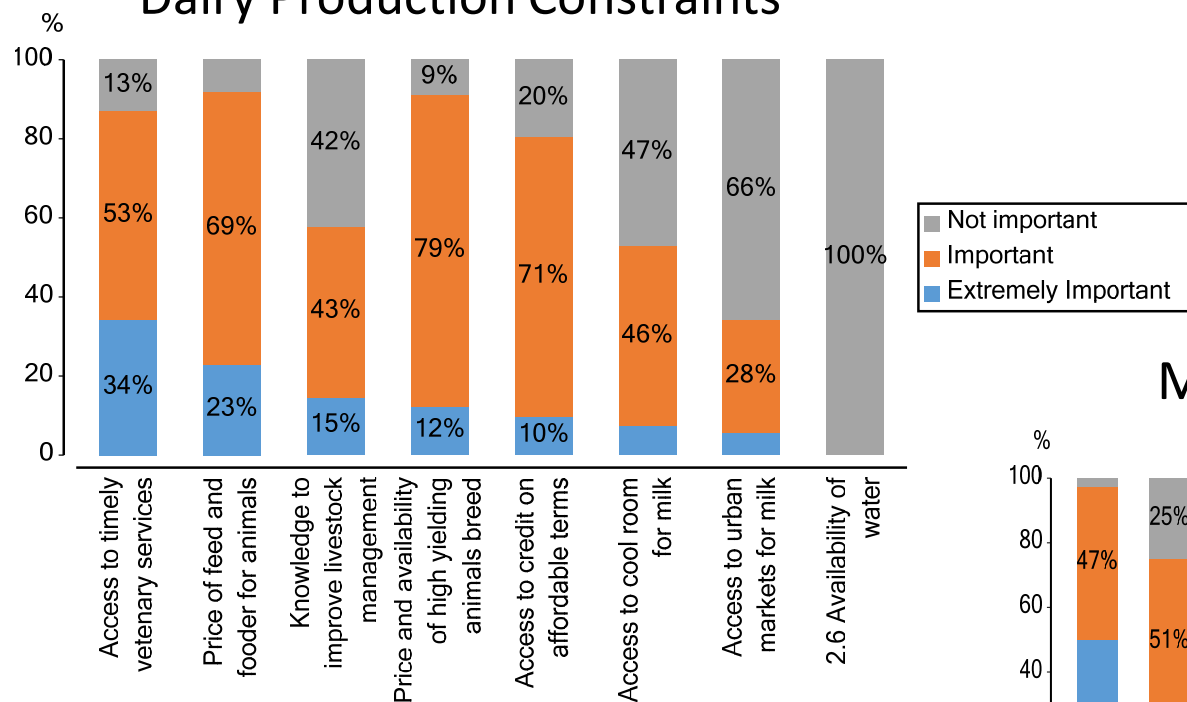
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Plans for increasing income in the next 2 to 3 years by Category
Filter: 5 acres or less, 5 to 12.5 acres, Zero acres; sample size = 199; 34% filtered out

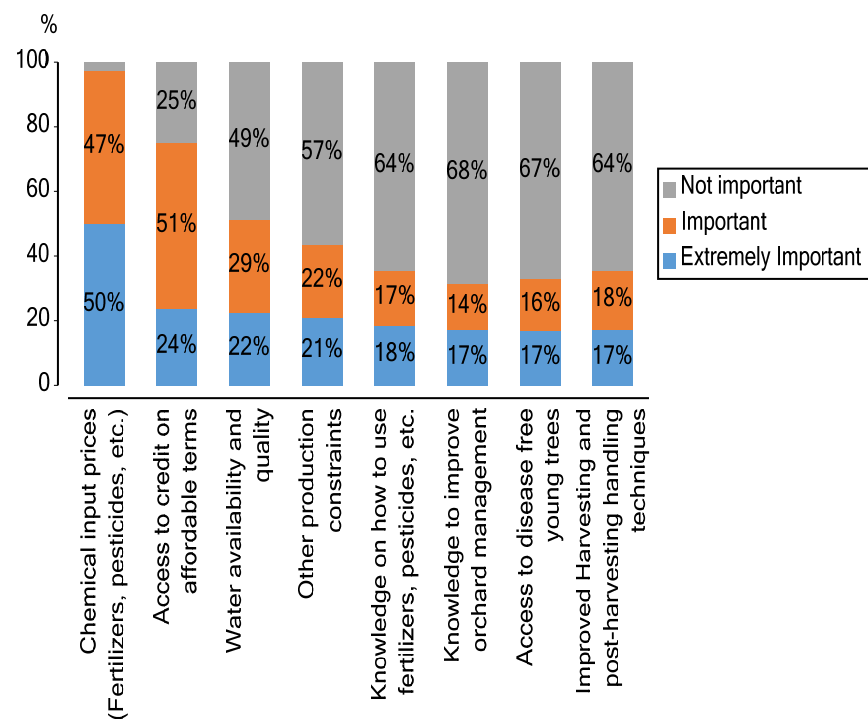
Dairy Production Constraints



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Filter: 5 acres or less, 5 to 12.5 acres, Zero acres; sample size = 123; 19% filtered out

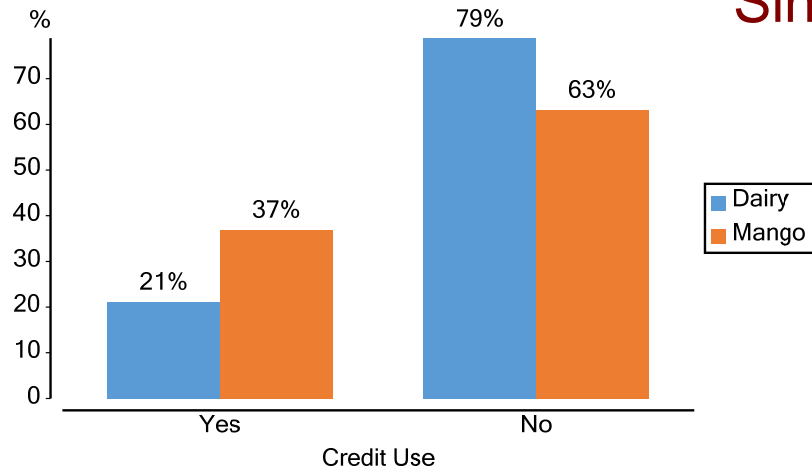
Mango Production Constraints



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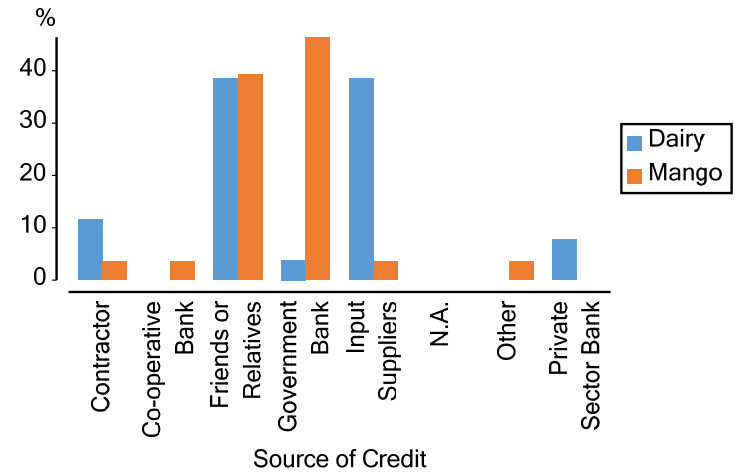
Filter: 5 acres or less, 5 to 12.5 acres, Zero acres; sample size = 76; 49% filtered out

Sindh Credit



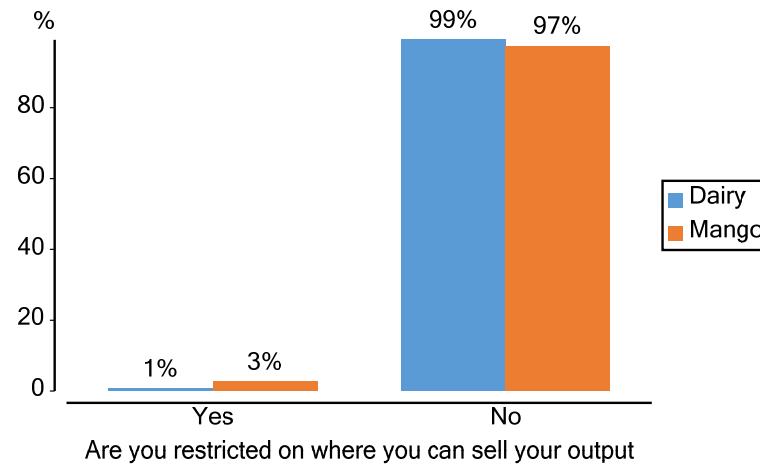
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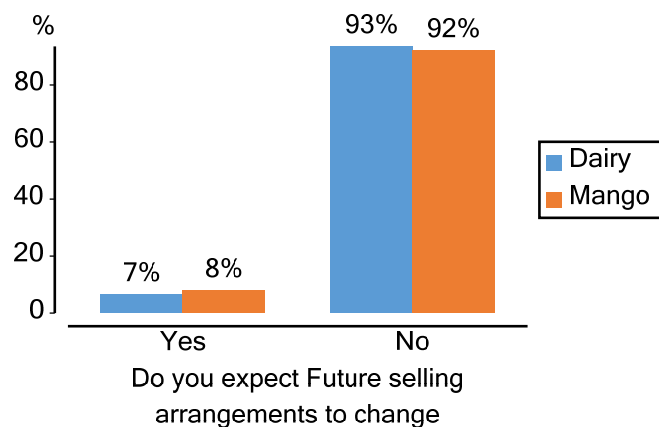
Filter: Yes/5 acres or less, Yes/5 to 12.5 acres, Yes/Zero acres; sample size = 54; 82% filtered out



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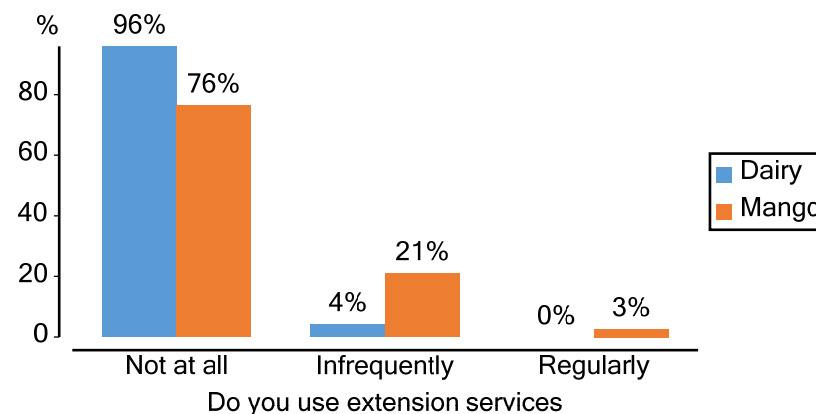
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Future selling arrangements and training



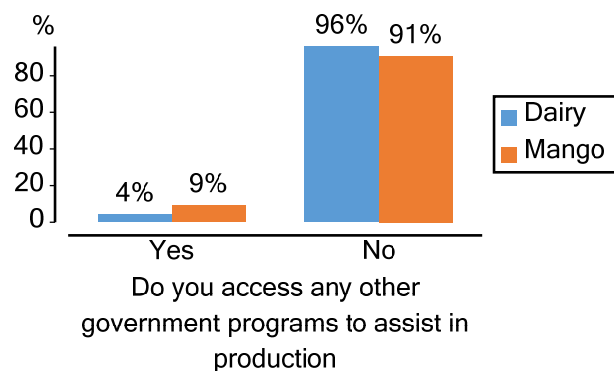
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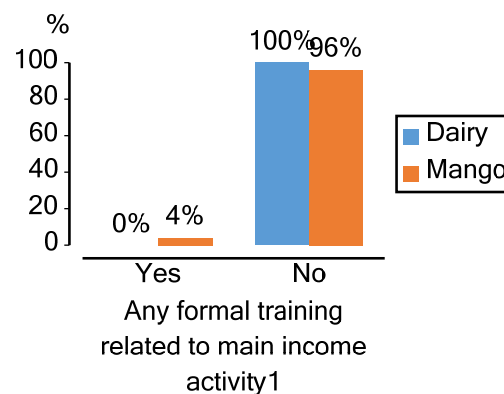
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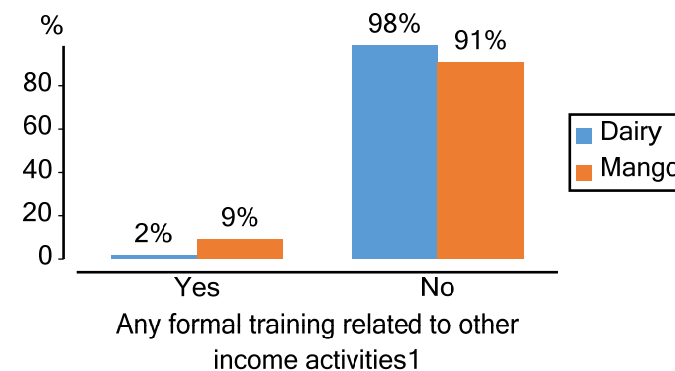
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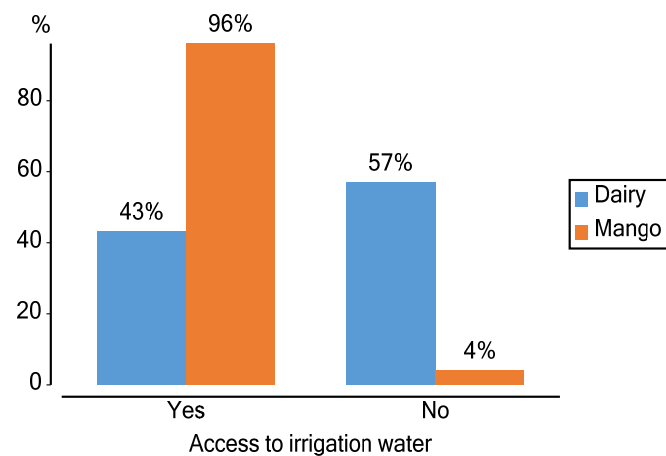
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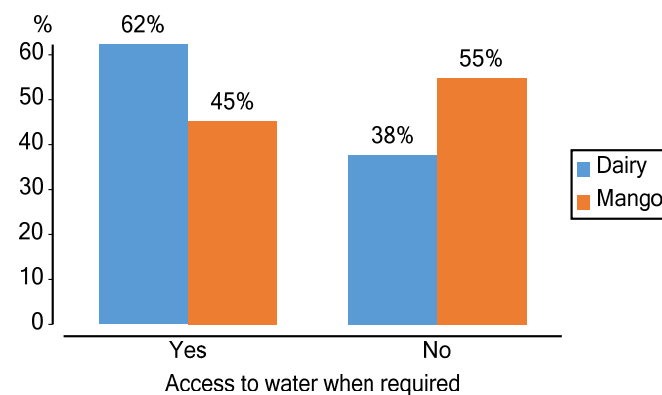
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Sindh Assets



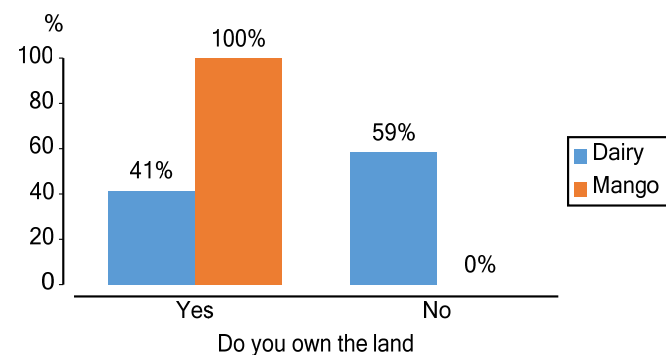
DataCracker.com

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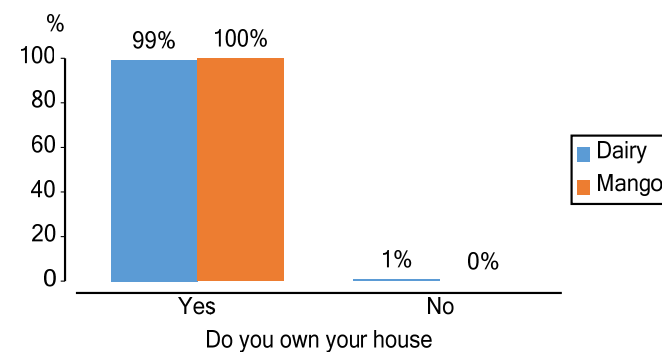
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Filter: 5 acres or less/Yes, 5 to 12.5 acres/Yes, Zero acres/Yes; sample size = 126; 58% filtered out



DataCracker.com

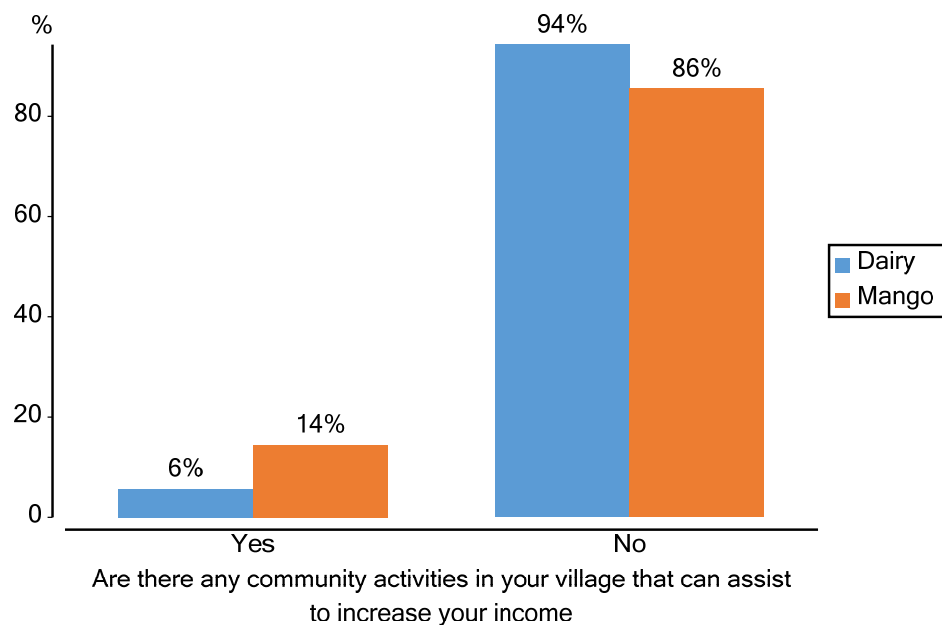
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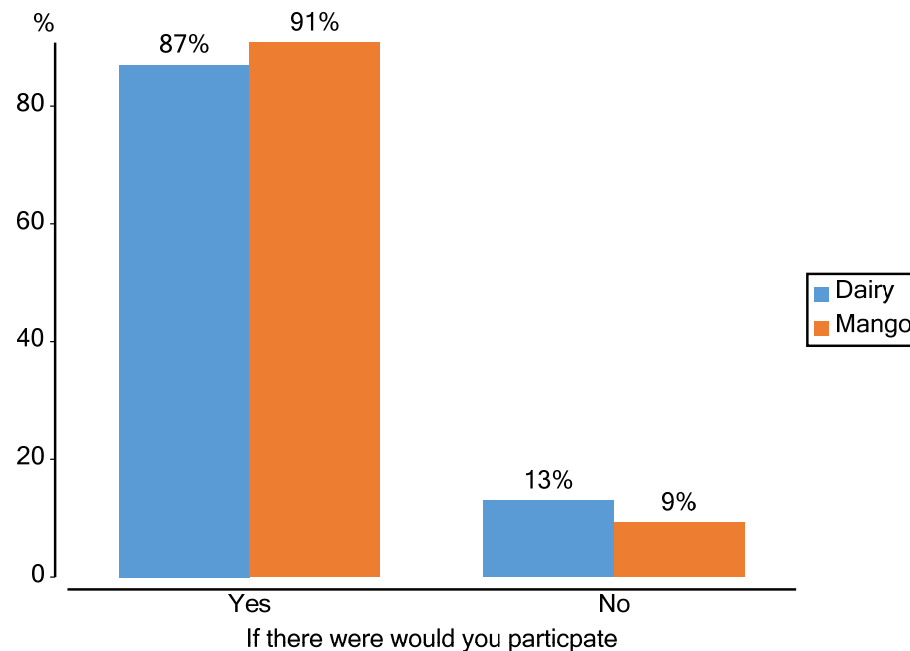
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Sindh Community



DataCracker.com

Filter: 5 acres or less, 5 to 12.5 acres, Zero acres; sample size = 199; 34% filtered out



DataCracker.com

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