IRRIGATION PUMPING EFFICIENCY AT SMALLHOLDINGS IN NORTH EAST BRAZIL

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- 8,335 ha irrigable area
- 501 farm lots
  355 small (8 ha)
  medium (16-18 ha)
  large (80-200 ha)
- Managed by a WUA
Pump performance

INAPI 12DLC 3500 rpm Impeller 168 mm

Discharge (m³/h) vs. Head (m)
Pump performance

INAPI 12DLC 3500 rpm Impeller 168 mm
Filter performance
Subunit performance

Bar chart showing the number of lots for different pressure uniformity coefficient ranges.
Global performance analysis

<table>
<thead>
<tr>
<th>Subunit 1</th>
<th>Subunit 2</th>
<th>Subunit 3</th>
<th>Subunit 4</th>
<th>Subunit 5</th>
<th>Subunit 6</th>
<th>Subunit 7</th>
<th>Subunit 8</th>
</tr>
</thead>
</table>

Diagram of a pump and motor system with subunits 1 to 8 highlighted.
Global performance analysis
Global performance analysis

Farm lot c06.3
Global performance analysis

Graph showing energy indicators with categories: Pact/Popt, Relative saving, Relative deficit.
THANK YOU!

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