Paraguay’s Good Agricultural Practices and the environmental programs notified under par. 12 of the Agreement on Agriculture
Good Agricultural Practices

About 65% of the farms carry out some soil management and conservation practices, the most important of which are described in the table below:

<table>
<thead>
<tr>
<th>Main GAPs</th>
<th>Fincas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contour line</td>
<td>6</td>
</tr>
<tr>
<td>Crop rotation</td>
<td>64</td>
</tr>
<tr>
<td>Green manure</td>
<td>2</td>
</tr>
<tr>
<td>Organic Agriculture</td>
<td>2</td>
</tr>
<tr>
<td>Direct Sowing</td>
<td>16</td>
</tr>
<tr>
<td>Other management practices</td>
<td>10</td>
</tr>
<tr>
<td>Total in %</td>
<td>100</td>
</tr>
<tr>
<td>Total, Farms with some GAP</td>
<td>187,540</td>
</tr>
<tr>
<td>% Farms with some GAP</td>
<td>65</td>
</tr>
</tbody>
</table>
The most influential on livestock production is the adjustment of stocking rates, which according to the intrinsic capacity of the available fields - be they natural or planted - will be more productive, more efficient, or of better animal nutrition, when their productive potential per unit of surface area is not exceeded.
Methodology

- All environmental programmes notified under par. 12 of Annex 2 of the Agreement on Agriculture
- Latest DS1 of all members notified until the 24.08.22*
- Exchange rate IFS average for the period
- For aggregation purposes, keywords identified from the available information in the notification where assigned.
- List of all questions raised in the CoA for environmental programs included (last ten years), to identify concerns raised by members regarding notified programmes.
Keywords identified from the available information
- Natural resources
  o Management
  o Quality
  o Protection
  o Conservation
  o Restoration
  o Resource concerns
    ▪ Soil
      • Erosion
      • Salination
      • Desertification
    ▪ Water
      • Damage
    ▪ Air
    ▪ Forest
      • Protection
    ▪ Genetic resources
    ▪ Pastures
    ▪ Wetlands
    ▪ Grassland
    ▪ Agricultural land

- Adaptation
  o Natural disasters

- Animal welfare

- Biodiversity
  o Protection
    ▪ Native vegetation
    ▪ Wildlife

- Extensive farming

- Landscape

- Organic
  o Production
  o Certification

- Rural heritage
  o Conservation and improvement

- Productivity

- Pollution
  o Prevention
  o Reduction
    ▪ Agricultural waste
    ▪ Water pollution
    ▪ Soil pollution
    ▪ Emission reduction
    ▪ Chemical pollution

- Sustainable Agriculture
  ▪ Green manure crops
  ▪ Environmentally friendly crops
  ▪ Setting aside land
  ▪ Crop rotation
  ▪ Organic fertilizer
  ▪ Pasture based livestock.
  ▪ Crop retirement
  ▪ Cover crops.

General environmental programs (?)
Support provided by type of programs

- **Natural resources**
  - General environmental programs (?)
    - Organic
    - Rural heritage
    - Landscape
  - Sustainable Agriculture
    - Biodiversity
    - Animal welfare
    - Adaptation
  - Extensive farming
    - Pollution
    - Productivity

- **Total Support Provided**: 3,186,444,549
- **Natural resources**: 3,186,444,449
- **General environmental programs (?)**: 1,024,975,61
- **Organic**: 1,004,778,69
- **Rural heritage**: 943,730,638
- **Landscape**: 907,1,843,173
- **Sustainable Agriculture**: 610,73,594,42
- **Biodiversity**: 35,56
- **Animal welfare**: 33,32
- **Adaptation**: 129,5,882,67
- **Extensive farming**: 66,04
- **Pollution**: 32,85
- **Productivity**: 17,87
Why are this notifications and programs relevant for the trade and environment discussions?
Possible topics for discussion under the Trade and Environment discussions in the WTO

To have this conversation we’ll need more and better information

We propose to elaborate a questionnaire similar to the one we used in the IDP, in which members could provide more information on their measures, their environmental objectives, identify trade-offs between environmental objectives and provide more information on the results of environmental measures.

This could also be extended to trade related environmental measures in general
Thank you