MONGOLIA THE COUNTRY OF ORGANIC AGRICULTURE


Introduced by:
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ORGANIC MONGOLIA MOVEMENT, PROGRAM NATIONAL COORDINATOR
Overview of organic agriculture sector

- Agricultural sector produces 21.7% of total GDP.
- 80% livestock and 20% crop sector.
- 40% of total workforce is working in the agricultural sector.
- Main crops are wheat-100%, potato -100%, vegetables-60% / local market total consumption /
- Meat, and dairy products -100%
# MAIN CHARACTERISTIC OF AGRICULTURAL REGIONS

<table>
<thead>
<tr>
<th>REGION</th>
<th>NATURE ZONE</th>
<th>SOIL CONDITION</th>
<th>ALTITUDE M.S.L</th>
<th>CROP SYSTEM</th>
<th>MAIN CROP SPECIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAR</td>
<td>For.steppe Steppe</td>
<td>Good Medium</td>
<td>800-1200</td>
<td>Non irrigated</td>
<td>Cereal, potato, vegetable, fodder crop, fruit</td>
</tr>
<tr>
<td></td>
<td>High mountain desert</td>
<td>Medium Poor</td>
<td>1200-1500, 900-1000</td>
<td>Non Irrigated</td>
<td>Potato, vegetable, crop, fruit</td>
</tr>
<tr>
<td></td>
<td>Steppe</td>
<td>Medium</td>
<td>650-1000</td>
<td>Non irrigated</td>
<td>Cereal, potato, vegetable, fodder crop</td>
</tr>
<tr>
<td>GAR</td>
<td>Desert</td>
<td>Poor</td>
<td>700-1000</td>
<td>Non Irrigated</td>
<td>Potato, vegetables,</td>
</tr>
</tbody>
</table>
AGRICULTURE BUSINESS

- Main crops & vegies: Wheat, barley, oat, potato, green house vegetables, tomato, watermelon, sea-buckthorn, fodder crops etc
- Organic farmers and herdsman are mostly located in countryside
- In countryside and new urban area we have a very good condition suitable for organic agriculture due to NATURAL clean environment and wild pasture.
POLICIES AND NATIONAL PROGRAMS

- “FOOD SECURITY” PROGRAM / MAI /
- “STATE POLICY TOWARDS HERDERS” / MAI /
- ORGANIC MONGOLIA PROGRAM / MNCCI /
- ORGANIC FOOD PRODUCTION DEVELOPMENT PROGRAM / MNCCI & MAI/
- ORGANIC MONGOLIA NATIONAL MOVEMENT
OPPORTUNITIES - ORGANIC FARMING

• Fresh air fresh water fresh soil basis of organic agriculture

• Having an effort to limit chemical fertilizers, pesticides gives us an opportunity to produce organic products.

• 80% of total agricultural equipments are renewed by high capacity tech.

• Research based, market oriented production of organic & bio fertilizers with traditional and modern approach are developing.
• Organic food law approved by Government of Mongolia on April 2016
• National Organic standarts
• Organic accreditation and certification system
• National organic production development program
• Customer awareness
• Producer awareness
• Sustainable development and food security policy
Organic agriculture research and dissemination activities

• Traditional organic agriculture /pastoral livestock, household and small scaled organic farming system

• **INTENSIVE ACTION OF GETTING PUBLIC AWARENESS : ORGANIC MONGOLIA PROGRAM AND MOVEMENT.**

• Cooperation of stakeholders of organic sector
Emerging unique organic technique and science based research results

Soil, water, and air management:

- Principle of 3C /Clean environment, Clean production, Clean product/, 5-20 principle /increase energy efficiency/, 3R /Reuse, Recycle Reduce/

- Organic pest management
- Organic fertilizers
- Organic processed products
- Organic raw material production
ORGANIC FERTILIZERS

- Manure /sheep, cow, goat manure/
- Bio humus /decomposed manure by earthworm /
- Bacterial fertilizers /AZOFOS, EM /
- Composting / organic fertilizer manure, green and dried mass of straw/
- Natural fertilizers /bio coal – GUMAT humus acid, peat /
- Nano tech bio, organic substance etc
PEST MANAGEMENT

➢ BIOLOGICAL PHYSICAL METHOD.

➢ AGRO TECHNOLOGY: TRADITIONAL METHODS USING WEED PLANT EXTRACT WITH BIO ACTIVE AGENTS AGAINST INSECT AND DISEASE.

➢ VETERINARY SERVICE PREFER TO USE BIO MEDICALS PRODUCED BY ANIMAL HORMONE, BIO ACTIVE INGREDIENTS.
ORGANIC FARMING DEVELOPMENT PERSPECTIVES OF MONGOLIA WILL BE FOCUSED ON

- Research based
- Consumer directed
- Consumer driving
- Market oriented
ORGANIC FARMING DEVELOPMENT PERSPECTIVES OF MONGOLIA WILL BE FOCUSED ON

- Good agriculture practice
- Cost effective analyze
- Local competition
- Participatory guarantee system
- Certified community
- Value chain development
# EVALUATION OF LOCAL DISTRIBUTION AND VALUE CHAIN NETWORK OF THE ORGANIC MONGOLIAN AGRICULTURAL PRODUCTS

<table>
<thead>
<tr>
<th>№</th>
<th>Name of the products</th>
<th>Local distribution development</th>
<th>Value chain development</th>
<th>Organic products public awareness</th>
<th>Producers awareness</th>
<th>GO, NGO, Policy support</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Wheat and barley</td>
<td>Good</td>
<td>Good</td>
<td>Medium</td>
<td>Medium</td>
<td>Good</td>
</tr>
<tr>
<td>2</td>
<td>Sea buckthorn and other fruits</td>
<td>Medium</td>
<td>Medium</td>
<td>poor</td>
<td>Good</td>
<td>Good</td>
</tr>
<tr>
<td>3</td>
<td>Potato</td>
<td>Good</td>
<td>Good</td>
<td>Medium</td>
<td>Medium</td>
<td>Good</td>
</tr>
<tr>
<td>4</td>
<td>Greenhouse veggies</td>
<td>Poor</td>
<td>Poor</td>
<td>Medium</td>
<td>Good</td>
<td>Medium</td>
</tr>
<tr>
<td>5</td>
<td>Dairy products</td>
<td>Good</td>
<td>Good</td>
<td>Medium</td>
<td>Poor</td>
<td>Good</td>
</tr>
<tr>
<td>6</td>
<td>Pastoral livestock meat products</td>
<td>Medium</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
</tr>
<tr>
<td>7</td>
<td>Other animal husbandry products</td>
<td>Medium</td>
<td>Medium</td>
<td>Poor</td>
<td>Poor</td>
<td>Medium</td>
</tr>
</tbody>
</table>
• The leading program AND MOVEMENT of Organic agriculture development has now become national campaign and movement
The 2009-2016 Organic Mongolia Movement, Program has been working with the following minor objectives:

- To support and contribute to the government policy to reduce unemployment and poverty
- To develop the small and medium enterprises of organic sector
- To increase the social responsibility of organic sector stakeholders
- To promote ORGANIC FOOD production and consumption
ORGANIC IS OUR FUTURE
FOR A BETTER WORLD FOR ORGANIC WORLD