أفضل الممارسات الزراعية

GLOBALGAP

ما هو جاب؟
المستهلكون مهتمين بالحصول على غذاء آمن وصحي وثابري في إنتاجه السلامة البيئية ورفاهية العمال.
ولد مفهوم الممارسات الزراعية الجيدة في هذه البيئة ويمكن تعريفه بعبارة بسيطة أنه: القيام بالأعمال بطريقة سليمة والتأكد من أنها تؤدي بطريقة سليمة.
Vision
To become a leading government partner in the sustainable development of agricultural sector in the United Arab Emirates.

Mission
We work to develop an integrated and sustainable agricultural environment via:
• Provide outstanding technical services to farmers and farming in Abu Dhabi
• Enhance the market share of local produce
• Contribute to UAE’s policy for agriculture and food safety
• Contribute to USE’s food security system

Values
Cooperation, Excellence, Innovation, Accountability, Quality
Key strategic priorities of ADFSC

1. Crop Maximization and Diversification
2. Integrated Farming Services
3. Market Development
4. Adoption and innovation of agricultural technologies—save water approach
5. Good Agricultural Practices
To become the leading government partner in sustainable agricultural development sector of the United Arab Emirates.

We work to develop an integrated and sustainable agricultural environment

**Vision**

**Mission**

**Strategic Themes**

- Sustainable Agriculture
- Organizational Excellence
- Local Produce
- Food Security

**Organizational Excellence**

- Build an efficient, skilled and results-oriented organization

**Local Produce**

- Enhance trust in local produce and increase market share

**Food Security**

- Secure the supply of safe, high quality agricultural products with quantities that contribute to the food security system

**Sustainable Agriculture**

- Contribute to the economic, social and environmental sustainability of the agriculture sector through the promotion and implementation of good agricultural practices

**Strategic Goals**

<table>
<thead>
<tr>
<th>Customers</th>
<th>Value</th>
<th>Processes</th>
<th>Learning and Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide high quality, highly efficient corporate services</td>
<td>Increase the economic return for farmers</td>
<td>Improve the effectiveness and efficiency of the production chain</td>
<td>Develop and activate policies, processes and framework of governance</td>
</tr>
<tr>
<td>Increase ADFSC partners levels of satisfaction</td>
<td></td>
<td>Promote local produce</td>
<td>Improve staff capacity &amp; job satisfaction levels</td>
</tr>
<tr>
<td>Increase local produce brand value</td>
<td></td>
<td>Adopt modern and innovative agriculture techniques</td>
<td>System development and infrastructure maintenance</td>
</tr>
<tr>
<td>Conserve natural resources</td>
<td></td>
<td></td>
<td>Increase the effectiveness of relations with ADFSC partners</td>
</tr>
</tbody>
</table>

**Strategic Results**

- Conserve natural resources
- Adopt and introduce good agricultural practices
- Increase the effectiveness of relations with ADFSC partners
تعزيز الصحة الغذائية والأمن الغذائي

Worker Welfare

Food Safety

GAP Implementation is one of the priority of ADFSC

تتبع

السلامة الغذائية، الصحة والسلامة المهنية

البيئة

السلامة، الحماية، التبع

21%

50%

9%

20%

لنظام المراقبة

الفواكه والخضروات

الانتهاء من

السلامة والسلامة المهنية، السلامة الغذائية، الحماية، التتبع

Traceability)

1. خارطة المزرعة
2. اللجان وسجل الحصاد الخاص بالمزرعة
3. فسائط الاستلام/الترويج
4. الإستلام بمركز التعبئة والتفعيل التابعة للمركز
5. التسوق المضمون
6. حفظ سجلات المزرعة
7. كابينة حفظ الملفات
8. استخدام رقم التسجيل لدى الجاب
9. نتائج فحص الحدود القصوى للفاكهة والملتسلسل
1. Request comes to customer Services Centre/ Extension offices
2. Selection criteria
3. Registration for GG
4. Agreement
5. Farm need assessment
6. Farm Risk assessment
7. Supply of inputs if required
8. Internal inspection of priority 1
9. Internal inspection of P2
10. External inspection
Before GAP
After GAP
After GAP
Pesticide application before GAP
Pesticide management after GAP

- After GAP

Pesticide handling
Worker Health Safety before GAP
Training of Farm Workers – After GAP
Worker Safety after GAP
Worker Health Safety before GAP

Abu Dhabi Farmers' Services Centre
Produce handling before GAP
Produce Handling after GAP
Food Safety - Before GAP

Abu Dhabi Farmers’ Services Centre
Food Safety - Before GAP
Food Safety after GAP
Food Safety - After GAP
Food Safety - After GAP
Waste Management - Before GAP

Abu Dhabi Farmers’ Services Centre
Abu Dhabi Farmers’ Services Centre

Waste Management – After GAP
Personal and Harvesting Hygiene After GAP
Harvesting Hygiene _ After GAP

Abu Dhabi Farmers’ Services Centre
Irrigation After GAP
Traceability – (FV)
Traceability – (FV)
**GAP Salient Achievement**

### GlobalGAP Certified Producer in GCC Countries - A Comparative Statement

<table>
<thead>
<tr>
<th>Country</th>
<th>Certified Producers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saudi Arabia</td>
<td>5</td>
</tr>
<tr>
<td>Oman</td>
<td>20</td>
</tr>
<tr>
<td>Qatar</td>
<td>8</td>
</tr>
<tr>
<td>Bahrain</td>
<td>8</td>
</tr>
<tr>
<td>Kuwait</td>
<td>8</td>
</tr>
<tr>
<td>UAE Option-1</td>
<td>10</td>
</tr>
<tr>
<td>UAE Option-2</td>
<td>50</td>
</tr>
</tbody>
</table>

### Number of Farms Got GlobalGAP Certification Year Wise

- **2013**: 1 farm
- **2014**: 2 farms
- **2015**: 69 farms

### FIG: ADFSC and ADFCA Staff Trained in Accredited 3rd Party Certification for HACCP, Internal Auditor and GlobalGAP Licensed Farm Assurer

- **Level 3 HACCP**: 50 trained
- **Internal Auditor QMS**: 19 trained
- **GLOBALGAP Farm Assurer**: 11 trained

### FIG: Training of ADFSC Staff, Farm Owners and Farm Managers on GAP Implementation, IPM and Basic Food Hygiene by End of 2015

- **ADFSC Extension Staff**: 69 trained
- **ADFSC Procurement Officers**: 11 trained
- **GAP Staff**: 13 trained
- **Extension Engineer on QMS audit**: 13 trained
- **Farm Owners on GAP Implementation**: 140 trained
- **Farm Managers on farm record keeping**: 52 trained
Farm Owner feedback
Survey Q: What Benefits you think GLOBALGAP certification does to you?

- Site Management and Reference System: 48%
- Food Safety: 90%
- More Price: 84%
- Environmental and Biodiversity Safety: 32%
- Recognition and Pride: 50%
- Produce Traceability: 64%
- PPP Handling and Safe Application: 52%
- Workers' Personal and Harvesting Hygiene: 36%
- Farm Hygiene and Tidiness: 60%
Survey Q: Are you satisfied with the benefits of GLOBALGAP certification of your farm?

- Highly Satisfied: 64%
- Satisfied: 24%
- Don't Know: 4%
- Dissatisfied: 8%
- Highly Dissatisfied: 0%

Survey Q: If No, Why?

- Hard to maintain Farm Records: 75%
- Incur more cost on farm infrastructure: 59%
- Labour Intensive: 42%
- Not receiving premium price: 83%
Are you aware of it or have you ever heard about GLOBAL GAP?

Q21B. What is your source of awareness?

- Over one-tenth of the respondents were aware of Global Gap. The main sources of awareness were: website, lived/worked/studied in another country, social media, word of mouth and magazines.
Which of these concepts appeals to you - Global Gap or Residue Free?

- Introduced to two concepts – Global Gap and Residue Free – nearly one-half of the respondents favoured Global Gap while one-third found the Residue Free concept more appealing.
- 20% of the respondents had no preference between the two concepts.
Q23A. Assuming a Local Harvest vegetable is priced at Dhs. 5 per kg, how much more would you be willing to pay for Global Gap and Residue Free certification?

- **Global Gap**: AED 1.38
- **Residue Free**: AED 1.35

Q23B. How should the certification be visually communicated to buyers?

- **As a stamp or seal on the package**: 66%
- **A sticker label on individual piece of vegetable**: 31%
- **On display shelves**: 3%

- Respondents are willing to pay extra for certified produce. They would pay marginally more for Global Gap certification than for Residue Free certification.
- For visual communication of certification, the most preferred method is as a stamp or seal on the package.
Produce of the Proud – (PoP)

10% Premium Prices
Produce of the Proud – (PoP)

10% Premium Prices

ADFSC SUPPLIER CODE: 19234
GGN: 4052852724302
FARM OWNER: NASIR RASHID ALI AL ZAABI
International Accredited GLOBALGAP Certificate

<table>
<thead>
<tr>
<th>Product Handling Units (PHUs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>User name</td>
</tr>
<tr>
<td>-----------</td>
</tr>
<tr>
<td>ABU DHABI FARMERS' SERVICES CENTRE</td>
</tr>
</tbody>
</table>

2016

2015

2014
• 22 members Japan delegate visited 4 GLOBALGAP certified farms in Al Ain and Western Region. These include Green Houses, hydroponic and Date palm farms.
• ADFSC has 02 Licensed Farm Assurer only in the UAE
  http://www.globalgap.org/uk_en/Profiles/Hamid-00001/
• UK organization showed interest to buy GLOBALGAP certified dates from ADFSC.
• ADFSC member producers GLOBALGAP certificates can be assessed on following link
  https://database.globalgap.org/globalgap/search/SearchMain.faces
• ADFSC is representing GLOBALGAP committee on crops, on Rational use of water, National Technical Working Group in UAE, and GLOBALGAP farm assurer
  http://www.globalgap.org/export/sites/default/content/galleries/documents/150110_GG_Annual_Report_2013-14_en.zip
• ADFSC in international forums and organizations
  http://www.albayan.ae/across-the-uae/news-reports/2014-10-29-1.2231998
  http://www.emiratesvoice.com/environment/reports
  http://www.alkhaleej.ae/alkhaleej/page/00aa97a85faa43d390269daceb4922dd
  http://www.youtube.com/watch?v=XvG4ekRq5c
  http://www.wam.ae/ar/news/economics/1395271432870.html
  http://www.declaration-of-abu-dhabi.org/the-declaration/
  http://www.summit2014.org/

http://projects.zawya.com/Global_summit_on_agriculture_begins_in_Abu Dhabi/story/GN_27102014_281026/

Challenges
• Record keeping at farm level
• Trained worker leakage
• Market development
• Cost recovery
• Legislation/policy
• Balance approach toward actors and consumers

Way-forward
• GAP Curriculum for Major crops – crop husbandry practices
• UAE G.A.P (Documentation and benchmarking stage) targeted 8000 farms in coming 5 year
• GLOBALG.A.P –continue -1200 farm by 2020
• Market development – more VCA and other market appraisal
• Legislation and policy
• Balancing approach (Consumer vs Producer)
Recommendation for Arab GAP

1. ATWG/ Apex committee
2. Clear objectives/results and KPI (re-visit)
   2.1 ArabG.A.P Checklist (standard) and General Regulation and QMS (included quality manual) shall approved by legal entity of each country
   2.2 Sign MoU with GG and get it approved
   2.3 Country based farm assurance system (Programe Owner)
   2.4 Integrated Market Development (RMA of each produce and VCA across the boarder)
   2.5 GAP curriculum crop wise
   2.6 Exchange of experiences