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# Why Africa Is Likely To Be The Global Food Supplier

(The article is discussing Global Problems while using Africa as a Case Study)

The basic needs for agriculture are:

- \* Light (energy)
- \* Land
- \* Water
- \* People / Labor
- \* Education / Knowhow



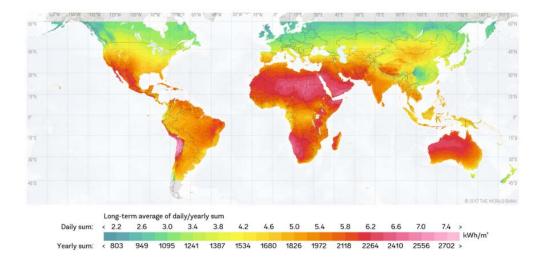
Biofeed seminar in Africa for local farmers

I will guide you through each of the above-listed needs (section), to demonstrate that Africa has many advantages, which makes it probably the most suitable for long-terms intensive and extensive, successful agriculture.

At the same time, I will also point out, what I consider, are Africa's main disadvantages.

#### <u>Light – Solar Radiation</u>

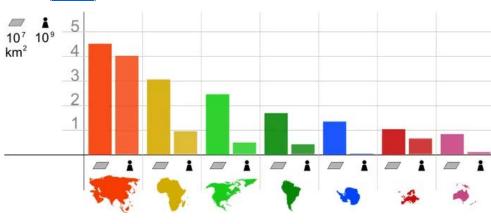
Solar radiation provides the light and energy needed for plants' photosynthetic. Amongst all continents, Africa enjoys the highest rate of such radiation (<u>source</u>).



## Land and People (Population/Labor).

Africa is second only to Asia in land size and population.

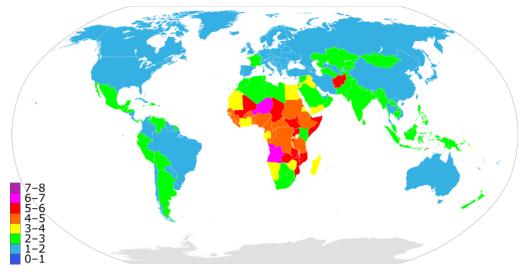
However, Africa is much less populated and it "has 60% of the world's uncultivated arable



Source

land." (source)

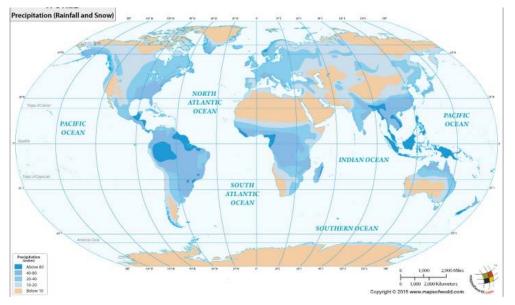
Africa is the fastest population growing continent.



Projected population increase 2017-2050 -Map of countries by fertility rate (2018) According to CIA World Factbook (<u>source</u>)

## Water - Precipitation

In addition to plenty of radiation, vast arable land, favorable temperatures, and large available workforce, Sub-Sahara Africa also enjoys – a sizable amount of rains, responsible for the creation and feeding of the longest river in the world - the Nile.



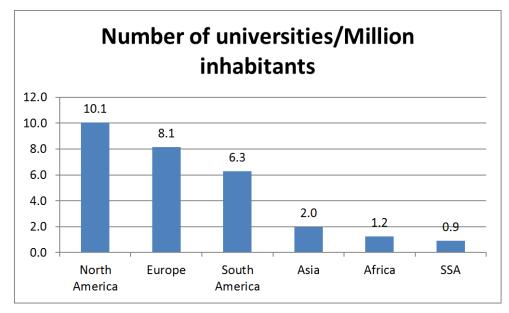
Level of precipitation in different regions of the world (source)

## **Education**

Knowledge, information and experience are substantial and therefore critical to the creation of a strong and successful agricultural sector.

In the figure below, we see the great shortage of universities in Africa and in Sub-Saharan Africa in particular.

The quality of education can be learned from the fact that in the list of the top 300 universities in the world there is only one universities from sub-Saharan Africa (in South Africa). By comparison, in Israel there are three universities on this list.



(source)

## **Upsides and Downsides**

Africa has conditions and characteristics that make it a natural candidate to be the world's food supplier.

To reach a world-leading position, African countries must undergo a particularly challenging 'Agricultural Revolution'.

The 'African Agricultural Revolution' will therefore include a considerable investment in education, but not least, changing thinking patterns and adopting innovative models that will enable the gaps created in agriculture to be tackled without having to wait for centuries.

Going back to the 5 requirements of agriculture we see that Africa has a great advantage in 4 of them, that is; Light (energy), Land, Water, and Labor, while having a major disadvantage in Education.

It is clear that Africa, and especially Sub-Sahara Africa (SSA) suffers for many years of neglecting in this domain (Education).

Bridging the chasm of education is, therefore, the first and the highest priority for Africa. Educating farmers does not mean sending them all direct to universities. It also doesn't mean that Africa should rely only on the internal development of knowledge. Doing so will be a mistake and a barrier to rapid local agricultural development.

## **The Way Forward**

To close the agricultural gap there is a need for training of millions of farmers.

But how do we do it?

I believe that a practical way of 'training' millions of farmers is through a massive long-term 'import' of knowledge and experts from countries where agriculture is advanced.

That can be done in several ways, including, but not limited to;

(a) establishment of local education and research institutes, and universities, with parallel partners outside Africa,

(b) establishment of many demonstration farms owned and managed in partnership by non-African and African farmers,

(c) development of new economic and business concepts and implementation of the chosen models, to facilitate that agenda in the shortest and most beneficial time.



A session with African students in the field of agriculture.

Being based in Israel and well familiar with Israeli advanced agriculture, I'm confident that Israel can take a major (leading) role in transforming Africa's agriculture and economy because Israel has a lot of experience both in education/teaching, as well as in agriculture.

Israel can also help a lot in presenting, teaching and transferring its most valuable asset; a developed agricultural eco-system, and a great model for an advanced *Agricultural Package*.

The *Agricultural Package* is a concept whereby the degree of agricultural progress in each country is the product of all the components of agriculture in that country.

Accordingly, the improvement of agriculture will be done by upgrading all the components of the agricultural ecosystem, as opposed to focusing on part of the components, such as technology. (for more).

For a greener world Free of sprays Full of joy See you soon,

Nimrod



## Better produce... Better future... Biofeed...

#### P.S.

Ghana is the first African country to get access to *FreeDome* fruit fly control technology. As a result, I get plenty of messages from local farmers who wish to buy it.

There is no point in contacting me. Simply contact our local representative and he will give you a quick answer +233-20-049-2048 / +233-24-578-0679, or email <u>biokovictor1@gmail.com</u>.

**Note**! We have a limited amount of units. Therefore, supply is on a "first-come, first receive" basis. I hope for your understanding and cooperation. In any case, you can pre-order the required amount from the next shipment.

#### P.P.S.

"How do I bring Biofeed Green Valley to my country?"

There are several necessary steps before we can launch a *Green Valley National Export Project* in your country. These steps include:

1. Biofeed *FreeDome* regulation, adjustment to specific market needs, conditions, and marketing.

2. Direct contact with the country central government for the establishment of a Biofeed-

Government direct link and cooperation to create a joint work plan according to the

government's vision and commitment and the project plans.

3. Launch of the *Green Valley* program.

That is it; easy and fast! Isn't it simple with wonderful results?!

#### P.P.P.S.

It is good to keep in mind that –

Biofeed Green Valley focuses on National Projects.

Biofeed *Green Valley* is about promoting **exports** of high quality produce to high-value markets. *Green Valley* is not a charity program. It is **business-oriented**, which is exactly why it will do well for all involved and mainly for the growers.

*Green valley* – by combining the needs of countries to advance their agriculture and by providing education and partnership brings an added value to all and offers fulfillment of the world food market-demand for more, high-quality, fresh fruits.

By applying Biofeed Green Valley, we add the Israeli experience and ability to assist farmers to

grow higher-yields and higher-quality. But that is not all.

*Green Valley* emphasizes and focuses on growing (mainly) for Export Markets, so the exporting countries will also see a flow of foreign currency, which is so needed for the developing economy.

Find here a link to some more information about Biofeed *FreeDome* and Biofeed *Green Valley* >> link <<.

#### P.P.P.P.S. - Frequent asked questions (FAQ) -

\* Will I need to pay before start marketing? Yes. Regulation and Marketing takes time and costs money. Besides, there is a payment to Biofeed according to our standard distribution agreement. Although Biofeed's investment in time, knowhow and goods is substantial, you practically get it for free and the only payment to Biofeed is for future goods order.

\* **How much time does it take until the regulation is over?** Well. That varies between different countries. Our shortest experience is 4 months only, but in some places, it may take years. Still, there are countries where wide infield testing and education are allowed during the registration process. We recommend you to find out the situation in your country before contacting us.

\* I have no prior experience as a distributor; can I still be your distributor in my country? Yes. Biofeed unique method of marketing and distributing enables investors to collaborate with us even with no prior experience as distributors.

\* I have no money. Can I serve as Biofeed's distributor? Yes, if you manage to get the required financing that is required.

\* I want to know more about your technology and results... >> link <<.

Change Begins With A Decision That The Existing Reality Is A Choice And Not A Decree Of Fate