



biophāp
grow organic • grow local



www.biophap.com



Tyna
CEO & Co - Founder



Dear friends,

For your health and Mother Earth, we organic!

I'm proud and delighted to share with you our story of BIOPHAP, the very first organic share-active company in Central Highland, Vietnam.

First of all, about our name, **BIOPHAP**: BIO means "Organic" in French and PHAP means "France" in Vietnamese. BIOPHAP's journey began in **early 2015 by a social Vietnamese - French team** and has been built with strong bond to both cultures which have deep knowledge and strong heritage in agriculture.

BIOPHAP development values are based on 3 sustainable pillars: social, environmental and economic. **We act to help farmers and consumers practice healthy lifestyle by applying innovative technologies in organic agriculture.** Our vision is to be a leader in organic pepper and organic blueberry value chains, first with smallholders in the region and then we aim to develop our model throughout Asia.

We commit to contribute 10% of our profits to an educational fund that empowers local farmers to initiate and develop a sustainable lifestyle on their own land and build more "organic villages". This fund is managed by all stakeholders who participate in the production process and controlled by the certification "**Fair For Life**" to ensure transparent and fair information.

In 2016, with the collaboration of the Bahnar ethnic minority in Dak Phe Commune, BIOPHAP led the "**100 projects against climate change**" funded by the French Ministry of Environment, Energy and Sea. The project has changed the "slash and burn" agricultural lifestyle into organic agricultural method and enhanced livelihood of local farmers.

Want to know more or to support us, scan our QR





OUR FARMS

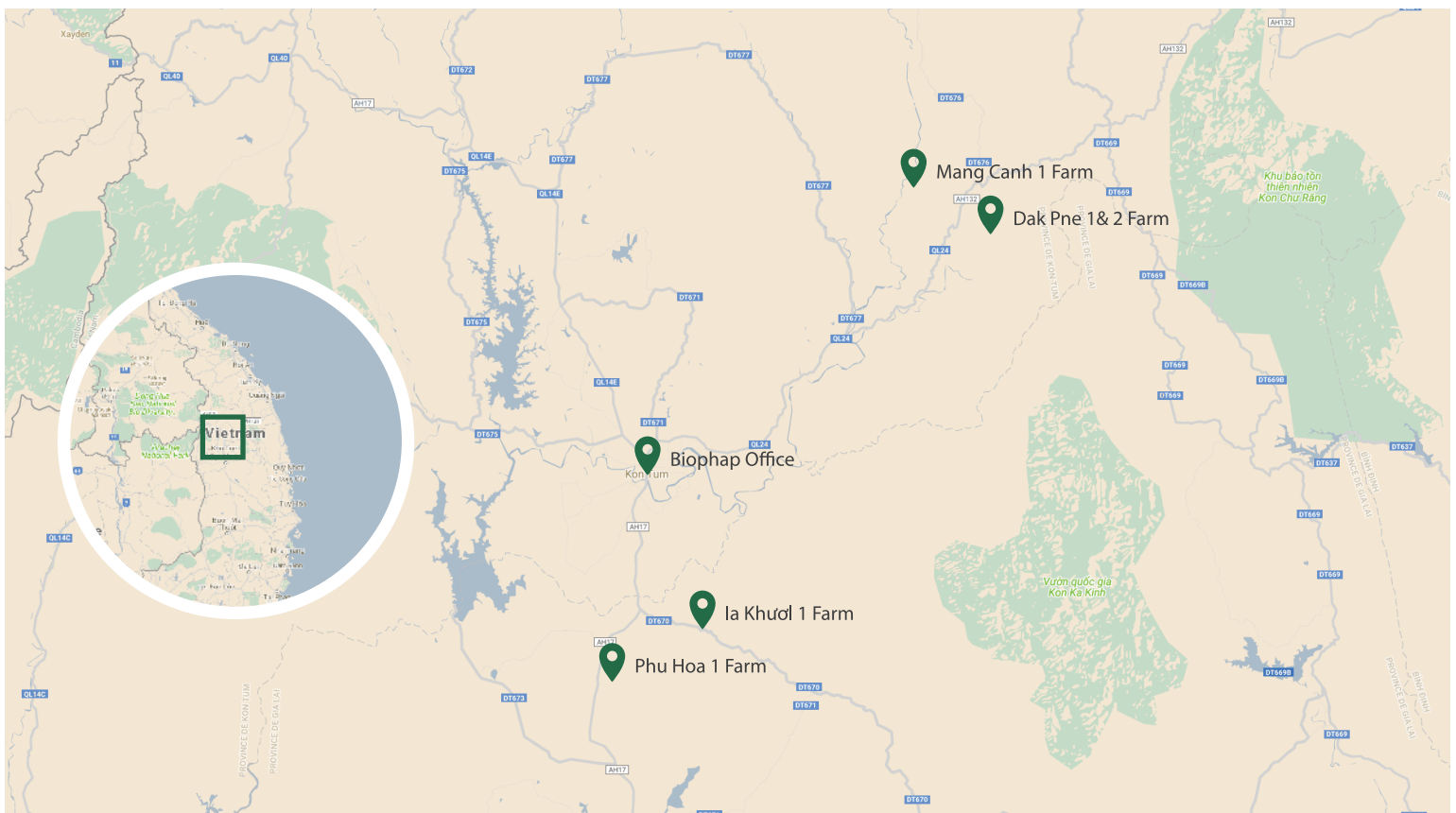
BIOPHAP organic farms in the Central Highland of Vietnam

We first came to Dak Pne Commune, Kon Ray District, Kon Tum Province in 2015, a disadvantaged mountainous area where we had a chance to collaborate with the Bahnar (an ethnic minority living in the region) in **our first small cooperative** and started our first organic farm **Dak Pne 1 (DPE1)**.

In March 2016, we started building our second model organic farm called **Dak Pne 2 (DPE2)**. We intercropped organic pepper with citrus and annual crops, applying agroforestry methodology.

In the middle of 2016, we came to restore a damaged forest after a big fire in **Mang Canh Commune, Kon Plong District, Kon Tum Province** and transformed it into an organic farm (**MCH1**) with citrus and avocado crops, as well as a R&D site dedicated to temperate varieties such as blueberry, raspberry, etc.

Since 2017, we expand our organic farm model to Gia Lai Province with **2 farms in Phu Hoa and Ia Khuol**. Both of them have favorable geographical and natural conditions such as fertile red basaltic soil and a location near to the center. This region is also the biggest national production zone of pepper that keeps Vietnam in the top 5 of producers and exporters worldwide. That is why Phu Hoa Farm (PHA1) is built as pepper and citrus farm combined with an organic agricultural training center while Ia Khuol Farm (IKL1) is a research and technique center for pepper intercropping with medicinal plants in regenerating the forest.





OUR FARMS



After more than 3 years in operation, BIOPHAP has been building 5 model farms of 50 hectares, more than 300 biodiversity varieties and 25,377 trees in total in 2 provinces Kon Tum and Gia Lai. In 2018, we collaborate with pepper farmers in Chu Se District, Gia Lai Province.

We grow organically with:

- **SOIL:** No use of synthetic chemicals for 3 years and quality of soil must be tested at special centers for nutrient indicators of soil, heavy metals, etc., in accordance with safety standards of consumer products. Before planting, BIOPHAP has grown legumes to create a source of green manure and improve soil fertility.
- **WATER:** We catch rainwater and mountain streams at the beginning of annual rainy season (April) and use drip irrigation system. The quality of water must be tested and is still monitored periodically.
- **WEATHER:** Mild and cool weather with average annual temperature in the range of 20-25°C, cold night - sunny day contribute to all plants' nutrition development.
- **SEEDS:** Non-GMO seed and rootstock must comply with organic international standards respecting a clear traceability.
- **GROWING & CARING:** We let wild weeds around farm and grow biodiversity plants such as tithonia, ortie, etc. to cover beds to replenish soil with organic matters and nutrition. We also grow aromatic plants that contain essential oils in order to create biodiversity and repel harmful insects. Besides, we plant several flowers throughout the farm and around our perennial plants to attract natural enemies.

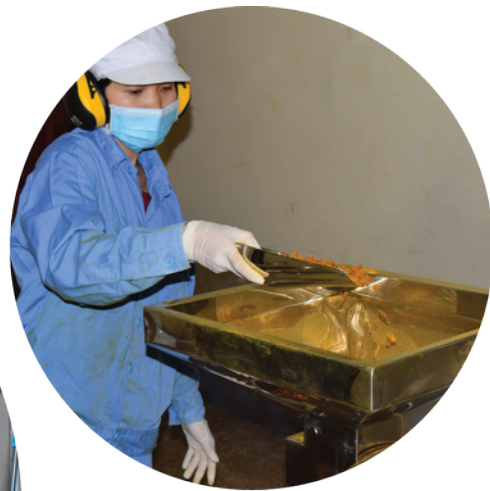


OUR PROCESSING SITE

Established in the end of 2017, our processing site is the area where we produce a variety of BIOPHAP's products, following strict quality assurance from raw materials (fresh products) harvested from our organic farms. Each step of the process is monitored and controlled by our processing team.

With the processing method in France, we bring high quality products that comply with:

- ✓ NO artificial colors
- ✓ NO artificial flavors
- ✓ NO artificial additives
- ✓ NO artificial food preservatives





OUR PRODUCTS

At BIOPHAP, we apply agroforestry model to all farms, which makes perennial crops play an important role in farm architecture to protect other plants against bad weather conditions, to maintain and improve soil, water and other natural resources.

From the model, we have 3 products categories: **Spices, Herbal teas and Fruits.**

Beside some products from local area with high adaptation, we also grow a lot of **experimenting varieties that create biodiversity** towards a natural farming method.

BIOPHAP products are certificated under three renowned international organic labels: **AB (Europe), JAS (Japan), USDA (US)** and **'Fair for Life'** which means fairer trading conditions and opportunities for producers to invest and develop their businesses and communities for a sustainable future.



VN-BIO-154
Non-EU Agriculture




100%
ORGANIC




GROW
ORGANIC
& LOCAL





OUR INTERNATIONAL LABELS

BLOPHAP have chosen the international organic standards process to satisfy our products locally and go global. We use innovative technologies such as **Big data, AI and Blockchain** to communicate our production data in a transparent way and connect all stakeholders of a value chain to exchange fair information. **Consumers can trace anytime and know truthful information of products.**



AB

In 2007 the European Council of Agricultural Ministers agreed on a new Council Regulation (Council Regulation(EC) No. 834/2007) setting out the principles, aims and overarching rules of organic production and defining how organic products were to be labelled.

Read more: <http://www.agencebio.org/le-logo-bio-europeen>



JAS

JAS is the organic standard in force in Japan. Operators who want to export their products to Japan and label them with JAS logo should be certified according to JAS Standard.

Read more: http://www.maff.go.jp/e/jas/specific/criteria_o.html



USDA

NOP is the US organic regulation issued by the USDA, United States Department of Agriculture. Operators who want to export their products to the United States should comply with the requirements of the National Organic Program, known as NOP. Third-party agents around the world certify operations to USDA organic standards and Ecocert is one of them

Read more: <https://www.ams.usda.gov/about-ams/programs-offices/national-organic-program>



FAIR FOR LIFE

Fair for Life promotes an approach of Fair Trade that allows all producers and workers who are at a socio-economic disadvantage to access a wider range of social and economic benefits.

Read more: <http://www.fairforlife.org>



SPICES

100%
ORGANIC



ORGANIC TURMERIC POWDER

Turmeric powder contains active 'curcumin' - one of the best anti-inflammatory and antioxidant properties that aid healing, relieve stomach ache, protect brain and heart. Used as spices and coloring your dishes.



ORGANIC GINGER POWDER

Ginger powder contains active 'gingerol' with antioxidant and inflammatory properties that help relieve cough and cold, improve digestion and aid weight loss. Used as tea or spices.



ORGANIC BLACK PEPPER

Black pepper is a rich source of vitamins and minerals, contains inflammatory and antibacterial properties, helps boost metabolism, reduce risks of heart and liver pain, maximize the effect of curcumin. Used to add natural flavor to your dishes.



ORGANIC CHILI POWDER

Chilli powder is rich in various vitamins (A, B6, C, E, K, PP) and minerals, contains active 'capsaicin' that helps relieve pain, promote weight loss, boost immunity. Used to add natural flavor to your dishes.



ORGANIC LEMONGRASS POWDER

Lemongrass powder contains antioxidants and its active 'lemonal' or 'citral' has anti-fungal, anti-microbial properties that help detoxify body, increase digestion and immunity, sleep better. Used as tea or spices.



HERBAL TEAS

100%
ORGANIC



ORGANIC VERVAIN

Vervain is a medicinal herb to help improve digestion, soothe the nervous system, reduce stress and anxiety, sleep better. Used as herbal tea.



ORGANIC ROSEMARY

Rosemary has medicinal properties to help detoxify your liver from alcohol drinking, improve digestion and blood circulation. Used as herbal tea or add aroma to your dishes.



ORGANIC ROSELLE

Roselle is a medicinal plant to help decrease high blood pressure, lower bad cholesterol, burn fat and strengthen immune system. Used as herbal tea.



ORGANIC TULSI

Tulsi has antioxidant properties, help improve digestion, increase heart health, and relieve stress. Used as herbal tea.



ORGANIC AMPELOPSIS CANTONIENSIS

Ampelopsis Cantonensis has antibacterial properties to help cure stomach ache, contains flavonoid to help improve digestion, detoxify liver and sleep better. Used as herbal tea.



HERBAL TEAS

100%
ORGANIC



ORGANIC SAGE

Sage helps lower anxiety, detoxify the body, aid in weight loss, soothe the stomach, and stimulate the immune system. Used as herbal tea.



ORGANIC MINT

Mint is a delicious and refreshing drink to alleviate headaches, cure bad breath, improve digestion, fight against bacteria infections and inflammation. Used as herbal tea.



ORGANIC STEVIA

Stevia is a natural sweetener to replace sugar. It helps control diabetes, regulate blood pressure, protect oral health. Used as herbal tea.



ORGANIC SEEDLESS LIME SLICE

Seedless lime is a rich supply of vitamin C, helps detoxify body, weight loss, improve digestion, boost immunity. Used as detox tea.



TROPICAL FRUITS



ORGANIC SEEDLESS LIME

With delicious agrume, it is most likely from a cross between key lime (*Citrus aurantifolia*) and lemon (*Citrus x limon*). It is a rich supply of vitamin C, helps detoxify body, aid in weight loss, improve digestion, boost immunity.



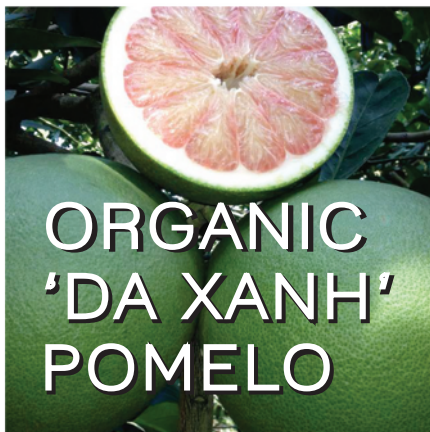
ORGANIC KING MANDARIN

As one of citrus fruit, King Mandarin may be easily recognized by its thick skin and its dark orange and sweet flesh. This is the most popular orange variety in Vietnam.



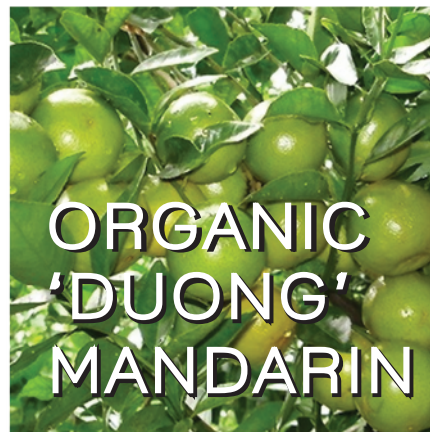
ORGANIC CARA CARA NAVEL ORANGE

Just like other citrus fruit, this unique variety of orange contains a range of nutritional values including vitamin A, C, potassium and especially beta-carotene.



ORGANIC 'DA XANH' POMELO

As a famous specialty fruit in south of Vietnam, this local variety help burn fat to promote weight loss, and high content of vitamin C with antioxidant and anti-aging properties to help boost immunity.



ORGANIC 'DUONG' MANDARIN

It is a tasty and refreshing citrus fruit packed with many nutritious compounds including flavonoids, vitamin A, C, folate and potassium.



ORGANIC 'BOOTH' AVOCADO

This productive variety is incredibly nutritious with a wide range of vitamins and minerals.



ORGANIC 'HASS' AVOCADO

This international standard variety is naturally nutrient-dense food with a great source of vitamins and minerals.



TEMPERATE FRUITS IN R&D



Blueberry is one of the top antioxidant fruit in the world which helps lower blood pressure, control diabetes, improve vision at night, and improve heart health.



Raspberry is rich in vitamins, antioxidants and fiber to help promote weight loss, improve skin health, and strengthen the immune system.



Mulberries are rich in vitamins and antioxidants to help improve digestion, lower cholesterol, promote weight loss, and boost the immune system.



GET OUR UPDATED INFORMATION

Sales points, stock availability & pricing

✉ phi.nguyen@biophap.com

Others

✉ info@biophap.com



LIST OF EXPERIMENTING PLANTS

No.	Product group	Eng name
1	Medicinal herbs	Goji berries
2	Fresh fruit	Finger lemon
3	Fresh fruit	'Kaffir' lime
4	Fresh fruit	'Yuzu' lemon
5	Fresh fruit	Yellow lemon
6	Fresh fruit	'Begamot' orange
7	Fresh fruit	'Xoan' sweet orange
8	Fresh fruit	'Mat' orange
9	Fresh fruit	'Duong La Cam' pomelo
10	Fresh fruit	'Tu Quy' mango
11	Fresh fruit	Taiwan mango
12	Fresh fruit	Thailand mango
13	Fresh fruit	'Duong' rambutan
14	Fresh fruit	'To Nu' jackfruit (champedak)
15	Fresh fruit	'Nghe' jackfruit
16	Fresh fruit	'Sap' avocado
17	Fresh fruit	'An Phuoc' rose apple
18	Fresh fruit	Brasil guava
19	Fresh fruit	Thailand tamarind
20	Fresh fruit	'Tieu Da Bo' longan
21	Fresh fruit	Thailand soursop
22	Fresh fruit	Pond apple
23	Fresh fruit	Custard apple
24	Fresh fruit	Golden apple
25	Fresh fruit	Indian jujube
26	Fresh fruit	American fig tree
27	Fresh fruit	Ambarella
28	Fresh fruit	Sapodilla
29	Fresh fruit	Star apple
30	Fresh fruit	Miracle berry
31	Fresh fruit	Kumquat
32	Fresh fruit	Physalis
33	Fresh fruit	Peach

No.	Product group	Eng name
34	Fresh fruit	Kiwi
35	Fresh fruit	Mulberry
36	Fresh fruit	Red currant
37	Fresh fruit	Black currant
38	Fresh fruit	Blueberry
39	Fresh fruit	Tayberry
40	Fresh fruit	Raspberry



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