

# ALGAE

PRODUCT  
CATALOG 2019



**z·company**

Natural. Plant-based. Wholesome.



# WHY

## **choose Z-Company as your partner for algae products**

- 🌱 We supply algae for multiple applications: food supplements, health food ingredients, beverages, craft brewing, soil enrichment, animal feed and pet food
- 🌱 We offer competitive prices across and flexible volumes in different origins
- 🌱 We source our algae from growers and from sustainable wild harvest
- 🌱 We offer export services to both EU and international consumer markets through Rotterdam port



# ALGAE

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Chlorella powder  
Chlorella powder tablets  
Dulse flakes  
Dulse powder  
Hana seaweed salad  
Irish moss powder  
Kelp powder  
Spirulina powder  
Spirulina powder tablets









**Wild harvested  
marine plants**

# ORGANIC WILD HARVESTED MARINE PLANTS

Our wild marine plants are harvested in Canada by using a traditional hand tools and techniques which ensures the holdfast (root) of the marine plant is not compromised or removed. This will allow the plant to flourish and regrow.

Z-Company currently offers **3 species** of wild-harvested marine plants in a fine powder form: **Kelp** (*Ascophyllum nodosum*), **Irish moss** (*Chondrus crispus*) and **Dulse** (*Palmaria palmata*).

# SOURCING

Z-Company works according to the guidelines of IFOAM. IFOAM is the international umbrella organization for the global organic food industry, uniting a diverse range of stakeholders sharing and contributing to the organic vision. The notion of organic agriculture is a production system that sustains the health of soils, ecosystems and people.

IFOAM relies on ecological processes, biodiversity and cycles adapted to local conditions. Organic agriculture combines tradition, innovation and science to benefit the shared environment and promote fair relationships and a good quality of life for all involved.



# Spirulina vs Chlorella

## What is the difference?



MORE  
BLUE  
COLOR!

Spirulina has  
**more protein**  
than chlorella

rich in complete protein  
and contains b12



82,7 mg pr 100 g

Spirulina is a source of GLA,  
good fat, necessary for heart  
and brains

## IRON



### SPORTS NUTRITION

Spirulina is commonly used by  
athletes and people trying to  
lose weight

MORE  
GREEN  
COLOR!

Chlorella contains  
**10 x more**  
**chlorophyll**

than spirulina  
but less beta caroten

75,75 mg pr 100 g

Chlorella accelerates cell  
regeneration because it divides  
fast (4 new cells every 20 hours)

### SUPERGREENS

Chlorella is ideal for detox  
because it binds toxins and  
heavy metals



# CHLORELLA



## Chlorella powder



ALGAE



CHLORELLA POWDER

## Chlorella powder

Chlorella is a single-celled, green freshwater algae. There are over 30 different species, but two types — Chlorella vulgaris and Chlorella pyrenoidosa — are most commonly used in research. We offer an organic certified chlorella powder and tablets sourced from China. Chlorella is a bluegreen microalgae that grows in freshwater. The naturally occurring chlorophyll provides the blue-green color of the powder. This algae contains amino acids, beta-carotene, potassium, chlorophyll, magnesium and vitamin B-complex. Chlorella is spray dried.



## CHLORELLA PYRENOIDOSA

**Country of origin:** China

**Ingredients:** Certified organic chlorella powder

**Botanical name:** Chlorella pyrenoidosa

**Form:** Fine smooth powder - dark green color

**Flavour:** Conform odor

**Harvesting season:** All year





## Key features and benefits

- Certified organic, gluten-free, grain-free, vegan, non-gmo, natural
- A vegetarian source of protein
- A source of fiber, omega 3, vitamins, minerals, iron and vitamin B and C
- No added flavors, additives, sweeteners, stabilizers, oils or coatings

### Nutrition Facts pr. 100 g

<b>Energy</b>	344 kcal / 1455 KJ
<b>Fat</b>	1,8 g
- Saturated	0,5 g
- Mono unsaturated	0,5 g
- Poly unsaturated	0,7 g
<b>Carbohydrates</b>	10,7 g
- Sugar	0,7 g
<b>Protein</b>	64,5 g
<b>Fiber</b>	13,7 g
<b>Salt</b>	0,2 g
<b>Vitamins</b>	
- Vitamin B2	Riboflavin 0,3 g
- Vitamin B12	58,0 ug
<b>Minerals</b>	
- Phosphorus	1100 mg
- Iron	75,5 mg
- Manganese	5,7 mg
- Zinc	2,6 mg

## Suggested use



TOP



BLEND



STIR



SNACKS



DRINKS

You can add chlorella powder to your juice, smoothie or shakes. Chlorella is also available in tablets, this product is easy to consume



# CHLORELLA

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## Chlorella tablets



ALGAE



CHLORELLA TABLETS

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## Chlorella tablets

Chlorella is a single-celled, green freshwater algae. There are over 30 different species, but two types — Chlorella vulgaris and Chlorella pyrenoidosa — are most commonly used in research. We offer an organic certified chlorella tablets sourced from China. Chlorella is a bluegreen microalgae that grows in freshwater. The naturally occurring chlorophyll provides the blue-green color of the powder. This algae contains amino acids, beta-carotene, potassium, chlorophyll, magnesium and vitamin B-complex. Chlorella is spray dried and pressed into tablets.

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## CHLORELLA VULGARIS

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**Country of origin:** China

**Ingredients:** Certified organic chlorella powder

**Botanical name:** Chlorella pyrenoidosa

**Form:** Fine smooth powder - dark green color

**Flavour:** Conform odor

**Harvesting season:** All year



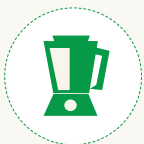
## Key features and benefits

- Certified organic, gluten-free, grain-free, vegan, non-gmo, natural
- A vegetarian source of protein
- A source of fiber, omega 3, vitamins, minerals, iron and vitamin B and C
- No added flavors, additives, sweeteners, stabilizers, oils or coatings

### Nutrition Facts pr. 100 g

<b>Energy</b>	344 kcal / 1455 KJ
<b>Fat</b>	1,8 g
- Saturated	0,5 g
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<b>Carbohydrates</b>	10,7 g
- Sugar	0,7 g
<b>Protein</b>	64,5 g
<b>Fiber</b>	13,7 g
<b>Salt</b>	0,2 g
<b>Vitamins</b>	
- Vitamin B2	Riboflavin 0,3 g
- Vitamin B12	58,0 ug
<b>Minerals</b>	
- Phosphorus	1100 mg
- Iron	75,5 mg
- Manganese	5,7 mg
- Zinc	2,6 mg

## Suggested use



**BLEND**



**DRINKS**

You can add chlorella tablets to your smoothie or shakes or eat as a supplement. Chlorella is also available in powder, this product is easy to consume.

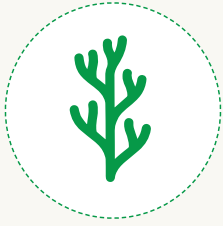




# DULSE

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## Dulse flakes



ALGAE



DULSE FLAKES

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## Dulse flakes

Dulse (*Palmaria palmata*) is a North Atlantic seaweed with high iron and iodine content. It is well known for its dark purple colour.

Dulse grows attached to rocks and it is characterised by its specific taste and pleasantly soft texture, which makes it perfect for consumption without modification as a snack.

We offer a 100% organic dulse flakes from Canada.



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## PALMARIA PALMATA

**Country of origin:** Canada

**Ingredients:** Certified organic dulse flakes

**Botanical name:** *Palmaria palmata*

**Form:** Flakes

**Flavour:** Savory, umami and salty taste

**Harvesting season:** May to November





## Key features and benefits

- Certified organic, gluten-free, vegan, non-gmo, natural
- A vegetarian source of protein,
- A source of trace minerals, enzymes, omega 3, omega 6 and vitamins
- No added flavors, additives, sweeteners, stabilizers, oils or coatings

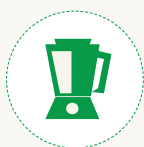
### Nutrition Facts pr. 100 g

<b>Energy</b>	219 kcal / 916,3 KJ
<b>Fat</b>	1,03 g
- Saturated	0,75 g
- Mono saturated	0,15 g
- Poly unsaturated	0,08 g
<b>Omega 3</b>	0,05 g
<b>Omega 6</b>	0,01 g
<b>Fiber</b>	36,21 g
<b>Protein</b>	18,0 g
<b>Salt</b>	0,0 g
<b>Trans fatty acids</b>	0,02 g
<b>Carbohydrates</b>	57,7 g
<b>Sugars total</b>	1,6 g
Sucrose	0,2 g
Fructose	0,2 g
Glucose	0,2 g
Lactose	0,5 g
Maltose	0,5 g
<b>Minerals</b>	
Iodine	NLT 100 ppm
Sodium	1620 ug

## Suggested use



TOP



BLEND



BAKE



SNACKS

Dulse can be eaten raw, roasted, fried, dried, roasted, or as a thickening agent for soups. Great nutritious snack as well. Ready to eat.

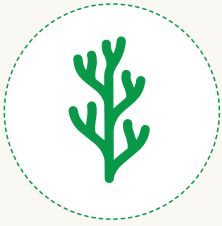




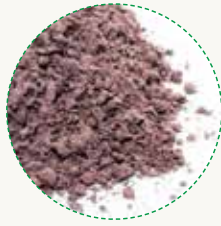
# DULSE

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## Dulse powder



ALGAE



DULSE POWDER

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## Dulse flakes

Dulse (*Palmaria palmata*) is a North Atlantic seaweed with high iron and iodine content. It is well known for its dark purple colour.

Dulse grows attached to rocks and it is characterised by its specific taste and pleasantly soft texture, which makes it perfect for consumption without modification as a snack.

We offer a 100% organic dulse powder from Canada.



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## PALMARIA PALMATA

**Country of origin:** Canada

**Ingredients:** Certified organic dulse powder

**Botanical name:** *Palmaria palmata*

**Form:** Powder

**Flavour:** Savory, umami and salty taste

**Harvesting season:** May to November



## Key features and benefits

- Certified organic, gluten-free, vegan, non-gmo, natural
- A vegetarian source of protein,
- A source of trace minerals, enzymes, omega 3, omega 6 and vitamins
- No added flavors, additives, sweeteners, stabilizers, oils or coatings

### Nutrition Facts pr. 100 g

<b>Energy</b>	219 kcal / 916,3 KJ
<b>Fat</b>	1,03 g
- Saturated	0,75 g
- Mono saturated	0,15 g
- Poly unsaturated	0,08 g
<b>Omega 3</b>	0,05 g
<b>Omega 6</b>	0,01 g
<b>Fiber</b>	36,21 g
<b>Protein</b>	18,0 g
<b>Salt</b>	0,0 g
<b>Trans fatty acids</b>	0,02 g
<b>Carbohydrates</b>	57,7 g
<b>Sugars total</b>	1,6 g
Sucrose	0,2 g
Fructose	0,2 g
Glucose	0,2 g
Lactose	0,5 g
Maltose	0,5 g
<b>Minerals</b>	
Iodine	NLT 100 ppm
Sodium	1620 ug

## Suggested use



TOP



BLEND



BAKE



SNACKS

Dulse can be eaten raw, roasted, fried, dried, roasted, or as a thickening agent for soups. Great nutritious snack as well. Ready to eat.

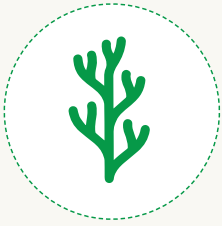




# HANA SEAWEED

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## Hana sunomata™ seaweed salad mix



ALGAE



HANA SEAWEED MIX

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## Hana sunomata™

Hana Tsunomata™ salad mix is a line of premium quality, cultivated sea vegetables that offers a unique, contemporary feature to every dish. This multi-colored trio of sea vegetables is available in pink, yellow and green. Originally developed by Acadian Seaplants for the discerning Japanese culinary market, the noble beauty of Hana Tsunomata™ is now available in North America.

Hana Tsunomata™ is gluten-free and is produced in a facility free of eggs, dairy, nuts, sesame, and soy. Vegan, Kosher and Halal certified.



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## HANA TSUNOMATA™

**Country of origin:** Canada

**Ingredients:** Hana Tsunomata™ seaweed

**Form:** Salad

**Flavour:** Umami and mild salty taste

**Harvesting season:** May to November





## Key features and benefits

- Certified organic, gluten-free, vegan, non-gmo, wild harvested, halal and kosher
- An excellent source of iron, magnesium and fiber
- No added flavors, additives, sweeteners, stabilizers, oils or coatings

## Suggested use



**TOP**



**BLEND**



**BAKE**



**SNACKS**

Hana Tsunomata™ is suitable in vegetarian and vegan dishes, and can also be used in macrobiotic diets. To bloom, simply rehydrate Hana Tsunomata™ in room temperature water for approximately eight minutes. The fronds will expand quickly and increase in volume. Hana Tsunomata™ works best in preparations where its visual and textural elements are highlighted. Salads, cold noodles, or pasta dishes marry well with Hana Tsunomata™.

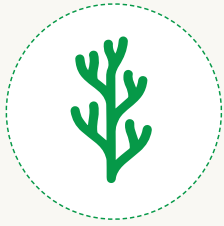




# IRISH MOSS

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## Irish moss powder



ALGAE



IRISH MOSS POWDER

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## Irish moss powder

Also known as “sea moss from other Caribbean Islands” or lat. Chondrus crispus, is a species of red algae which grows abundantly along the rocky parts of the Atlantic coast of North America and Europe. In its fresh condition this protist is soft and cartilaginous.

Our Irish moss comes from Canadian natural sources and is 100% organic.



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## CHONDRUS CRISPUS

**Country of origin:** Canada

**Ingredients:** Certified irish moss powder

**Botanical name:** Chondrus crispus

**Form:** Powder

**Flavour:** Umami and salty taste

**Harvesting season:** May to November



## Key features and benefits

- Certified organic, gluten-free, vegan, non-gmo, natural
- A source of trace minerals, enzymes, omega 3, omega 6 and vitamins
- No added flavors, additives, sweeteners, stabilizers, oils or coatings

### Nutrition Facts pr. 100 g

<b>Energy</b>	135 kcal / 564,8 KJ
<b>Fat</b>	1,03 g
- Saturated	0,28 g
- Mono saturated	0,03 g
- Poly unsaturated	0,01 g
<b>Omega 3</b>	<0,01 g
<b>Omega 6</b>	0,01 g
<b>Protein</b>	8,58 g
<b>Trans fatty acids</b>	<0,01 g
<b>Carbohydrates</b>	48,7 g
<b>Minerals</b>	
Iodine	NLT 300 ppm

## Suggested use



TOP



BLEND



BAKE



SNACKS

Irish moss contains carrageenan, which is a natural substance used for its ability to form a gel consistency. Carrageenans are very often used in the food and cosmetic industries.

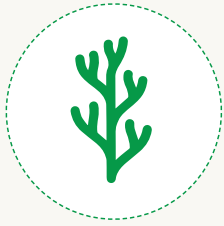




# KELP

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## Kelp powder



ALGAE



KELP POWDER

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## Kelp powder

Kelp is a type of large brown seaweed that grows in shallow, nutrient-rich coastal waters in various parts of the world. Kelp is often considered to be a superfood, due the high content of minerals. This algae is one of the best natural source of iodine. Additionally, kelp is enriched by more substances like iron, manganese, calcium, magnesium, copper, zinc, vitamin A, vitamin B (B1,B2,B3,B6) and vitamin C.



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## ASCOPHYLLUM NODOSUM- FUCACEAE

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**Country of origin:** Canada

**Ingredients:** Organic certified kelp powder

**Botanical name:** Ascophyllum nodosum - Fucaceae

**Form:** Olive green / brown coloured powder

**Flavour:** Salty taste

**Harvesting season:** May to November





## Key features and benefits

- Certified organic, gluten-free, kosher, vegan, non-gmo, natural
- A source of trace minerals, enzymes and vitamins
- No added flavors, additives, sweeteners, stabilizers, oils or coatings

### Nutrition Facts pr. 100 g

<b>Energy</b>	303 kcal / 1268 KJ
<b>Fat</b>	3,62 g
- Saturated	0,99 g
- Mono saturated	0,03 g
- Poly unsaturated	0,01 g
<b>Fiber</b>	8,4 g
<b>Protein</b>	4,92 g
<b>Sugars</b>	1,2 g
<b>Carbohydrates</b>	62,8 g
<b>Salt</b>	0,01 g

## Suggested use



TOP



BLEND



BAKE



SNACKS

Kelp also produces a compound called sodium alginate. This is used as a thickener in many foods you may eat, including ice cream and salad dressing. Kelp is commonly used in salads, soups, shakes, or just as a mixture of water and powder. Kelp can be eaten raw, cooked, powdered, in supplements or as a thickening agent for soups.

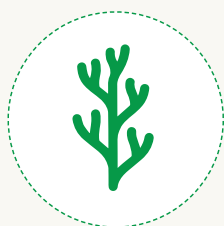




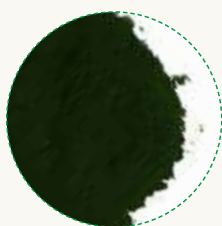
# SPIRULINA

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## Spirulina powder



ALGAE



SPIRULINA POWDER

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## Spirulina powder

We offer organic certified spirulina powder and tablets sourced from China. Spirulina is spray dried. Spirulina is a blue-green algae that grows in both fresh and salt water. A tablespoon of spirulina contains a small amount of omega-6 and omega-3 fatty acids. Spirulina powder contains protein, vitamin B1, B2, B3, copper and iron.



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## ARTHROSPIRA PLATENSIS

**Country of origin:** China

**Ingredients:** Organic certified spirulina powder

**Botanical name:** Arthrospira platensis

**Form:** Fine dark green powder

**Flavour:** Mild, like seaweed

**Harvesting season:** All year



## Key features and benefits

- Certified organic, gluten-free, vegan, non-gmo, natural
- A vegetarian source of protein,
- A source of trace minerals, enzymes, omega 3, omega 6 and vitamins
- No added flavors, additives, sweeteners, stabilizers, oils or coatings

### Nutrition Facts pr. 100 g

**Energy** 350 kcal / 1463 KJ

**Fat** 8,2 g  
- Saturated 1,1 g  
- Mono unsaturated 2,23 g

**Carbohydrates** 15,1 g

**Protein** 60 g

**Sugars** 0,4 g

**Fiber** 8,0 g

**Salt** 0,9 g

#### Vitamins

- Vitamin B1 4,4 mg  
- Vitamin B2 6,9 mg  
- Vitamin B3 5,9 mg  
- Vitamin B5 11 mcg/10 g  
- Vitamin B6 18,4 mg  
- Vitamin B12 116 mcg  
- Vitamin C

#### Minerals

- Phosphorus 1100 mg  
- Iron 75,5 mg  
- Manganese 5,7 mg  
- Zinc 2,6 mg

## Suggested use



TOP



BLEND



BAKE



SNACKS

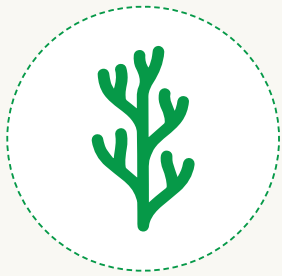
You can add spirulina powder to your juice, smoothie, shake or bar. Spirulina is also available in tablets, which is easy to consume.



# ALGAE

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## Organic algae powders and tablets



### ALGAE

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**Allergen information:** No risk of cross contamination of the following substances with the hemp products in the production facility.

The facility is dairy-free, soy-free and peanut-free.

**Storage information:** Store in a cool and dry place, 15-25C humidity >70%, keep from light, closed in original bags

**Product type:** Superfoods / Functional Foods

### MOQ packaging:

CHLORELLA POWDER: 20 KG BAG

CHLORELLA POWDER TABLETS: 20 KG BAG

DULSE FLAKES: 20 KG BAG

IRISH MOSS POWDER: 25 KG BAG

KELP POWDER: 25 KG BAG

SPIRULINA POWDER: 20/25 KG BAG

SPIRULINA POWDER TABLETS: 20 KG BAG

**Certification:**  **FSSC 22000**  





# Organic Chlorella Powder

# PRODUCT CATALOG 2019



## PROTEIN POWDERS

ALMOND  
HEMP  
MUNGBEAN  
PEA  
PUMPKIN  
RICE  
SUNFLOWER  
SOYA  
WHEY



## HEMP

PROTEIN  
FLOUR  
SEEDS HULLED  
SEEDS TOASTED  
SEEDS WHOLE  
SEED OIL  
SEED FIBERS  
ANIMAL SEEDS



## CACAO

POWDER RAW  
POWDER NATURAL  
COCOA BUTTER  
COCOA PASTE  
BEANS RAW  
NIBS RAW  
NIBS RAW W. YACON SIRUP



## FRUIT POWDERS

ACAI  
ACEROLA  
BANANA  
BAOBAB  
BLUEBERRY  
CAMU CAMU  
GUARANA  
LUCUMA  
ROSEHIP



## ALGAES

CHLORELLA POWDER  
CHLORELLA TABLETS  
DULSE POWDER / FLAKES  
HANA SEAWEED SALAD  
IRISH MOSS POWDER  
KELP POWDER  
SPIRULINA POWDER  
SPIRULINA TABLETS



## SEEDS & GRAINS

CHIA BLACK  
CHIA WHITE  
QUINOA WHITE  
QUINOA RED  
QUINOA TRICOLOR  
PSYLLIUM HUSK  
PSYLLIUM HUSK POWDER



## DRIED FRUITS

GOJI  
INCA BERRIES  
WHITE MULBERRIES  
CHOCO INCA BERRIES  
CHOCO MULBERRIES  
MANGO STRIPES



## VEGETABLE / PLANT POWDERS

ALFAFA  
BARLEYGRASS  
BEETROOT  
BROCCOLI  
CAROB  
KALE  
MACA YELLOW  
MATCHA  
SPINACH  
WHEATGRASS



## COCONUT

COCONUT BLOSSOM SUGAR  
COCONUT FLOUR  
COCONUT OIL EXTRA VIRGIN



## AYURVEDIC POWDERS

ASHWAGANDA ROOT  
CINNAMON  
TURMERIC / CAPS  
GINGER  
MORINGA



## MINERALS

MSM



## OILS

ALMOND  
BLACK CUMIN  
HEMP  
PUMPKIN  
SUNFLOWER



## BEE PRODUCTS

BEE POLLEN

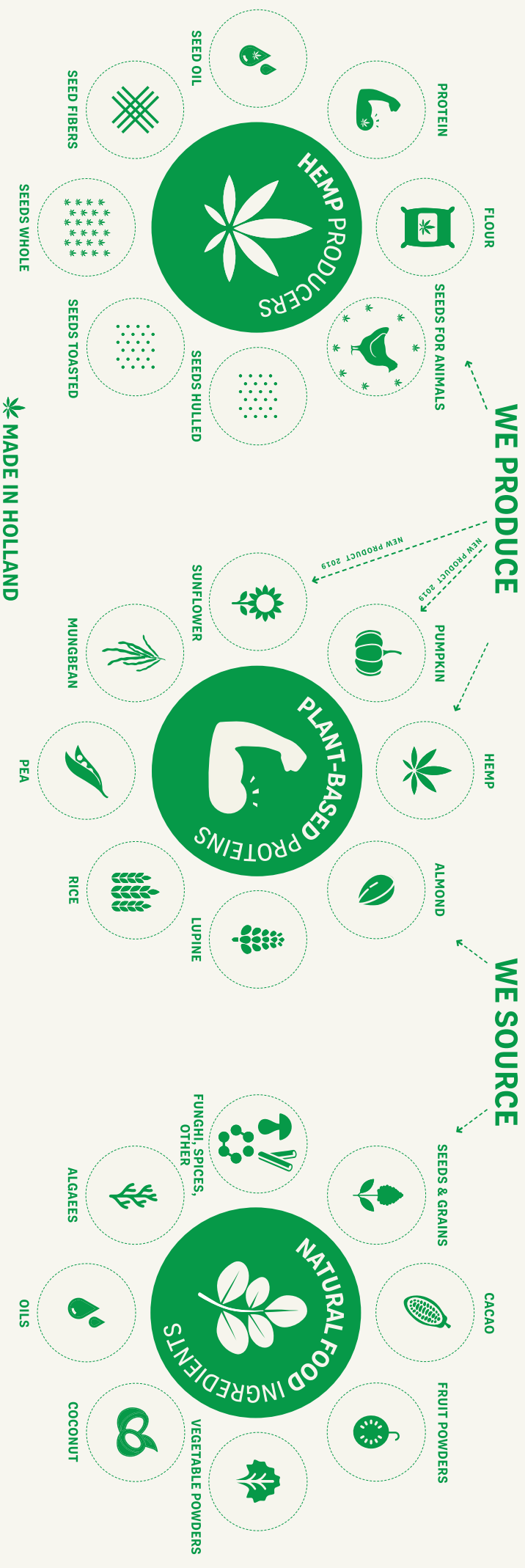


## FUNGHI

CHAGA POWDER  
REISHI POWDER

OUR PRODUCTS ARE MAINLY CERTIFIED ORGANIC





**Natural. Plant-based. Wholesome.**



# z-company

NATURAL. PLANT-BASED. WHOLESOME.



## WE ARE HEMP PRODUCERS



## WE IMPORT & EXPORTS NATURAL FOOD INGREDIENTS



**+80** FOOD INGREDIENTS



**BOTH EU & INTERNATIONAL**



**AVAILABLE FOR PROMPT SHIPPING**



**PRIVATE LABEL SOLUTIONS**



## WE REACH

**+3000 COMPANIES** FOOD CLIENTS SERVED  
EXPORT EXPERIENCE TO **42 COUNTRIES**



## OUR COMPANY

FOUNDED IN **2012**  
BASED IN NETHERLANDS - **Privately owned**



## OUR TEAM

**+20** PROFESSIONALS **+10** LANGUAGES



## OUR CERTIFICATIONS



FSSC 22000





Do you have a question or do you want to know more about us and our products? Feel free to reach out to us by giving us a call, or get in touch over e-mail.

## Contact details

### Headquarters

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**z·company**

**Natural. Plant-based. Wholesome.**