

# **GLOBAL**G.A.P. Product List

ENGLISH VERSION 6.0\_JUL23

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# TABLE OF CONTENTS

1	INTE	GRATED FARM ASSURANCE	3
	1.1	Plants scope	3
		Aquaculture scope	
		POUND FEED MANUFACTURING STANDARD	
		IN OF CUSTODY STANDARD	
		SION/EDITION UPDATE REGISTER	



## 1 INTEGRATED FARM ASSURANCE

Besides the Integrated Farm Assurance (IFA) standard, the GLOBALG.A.P. product list also covers all products for the localg.a.p. Primary Farm Assurance (PFA) standard, the Harmonized Produce Safety Standard (HPSS), the IFA benchmarked schemes and checklists, and all other GLOBALG.A.P. standards (e.g., the Livestock Transport standard, the Crops for Processing (CfP) standard, the Chain of Custody (CoC) standard, the Compound Feed Manufacturing (CFM) standard, etc.), and add-ons.

A list with translations of all the products included below is available <u>here</u>.

Note: This list is not exhaustive, and new products can be added on request to and after approval by the GLOBALG.A.P. Secretariat. Send written requests to <u>customer support@globalgap.org</u> with the following information: product name, scientific name, and any additional information that may assist in making a decision whether or not to accept the product.

## 1.1 Plants scope

Criteria for a product's inclusion in this list are by necessity arbitrary, based on a decision of the GLOBALG.A.P. Secretariat.

GLOBALG.A.P. certification cannot be achieved for wild, noncultivated crops such as mushroom, walnut, lychee/litchi, etc. Also, GLOBALG.A.P. certification is not possible for plants used for therapeutic (aromatic), medicinal, or recreational purposes. Medicinal purposes are defined as follows: Any plant used with the specific intent of treating a specific physical illness, disease, and/or mental distress.

Additionally, products for recreational use (e.g., tobacco, betel, opium poppy, marijuana, etc.) are not covered under the plants scope.

## 1.1.1 Product category fruit and vegetables – specialty crops

Fruit and vegetables, for the purpose of GLOBALG.A.P. certification, are defined in Table 1 below.

The range of products can be defined as: products originating from plants which are commonly designated as producing either fruit, vegetables, edible roots, bulbs, tubers, nuts, spices, or herbs, for fresh, cooked, or processed consumption by humans.

More details on the specific product can be added to the online certificate in the GLOBALG.A.P. Validation Service and/or Online Audit Hub, e.g., mushroom (oyster mushroom), banana (red banana), etc.



## 1.1.1.1 Leafy greens in general

Also called potherbs, greens, vegetable greens, or salad greens, these products' plant leaves are for human consumption and can sometimes be accompanied by tender petioles and shoots. Examples include, but are not limited to, lettuce, cabbage, herbs, celery, spinach, endive, types of cress, etc.

## 1.1.1.2 Sprouts, microgreens, and baby leaf greens

Sprouts are *not* covered under the plants scope; however, microgreens and baby leaf greens are covered. To determine into which category the particular product falls, please consider the following definitions:

- Sprouts are the first visible stage of germination, where the only leaf is the cotyledon and no true leaves have been formed as yet. The seed, young stems, and cotyledon(s) are edible. Sprouts and the sprouting production process (no matter the age of the plant) are excluded from the GLOBALG.A.P. product list.
- *Microgreens (ID 100108)* include the edible shoots, cotyledon(s), and first leaves of salad vegetables and herbs, harvested just after the first true leaves, but before the second set of true leaves have developed. Harvest normally takes place 2–3 weeks from planting.
- Baby leaf greens (ID 127) include all leafy salad crops harvested at an immature stage. A baby-leaf green is defined as the young leaves and petioles of any plants grown for harvest beyond the seedling stage (after true leaves have formed) but before the "eight true leaves" stage. In other words, any salad greens harvested before possessing eight true leaves will be classed as baby leaf greens. Specific types of baby leaf greens are listed with a separate product ID. However, if a specific type is not available, the baby leaf greens can be listed under this product ID.

## 1.1.1.3 Risk classification of fruit and vegetable products

In order to classify a producer group or multisite producer with quality management system (QMS), production site, or product handling unit as highrisk, the CB shall examine a combination of product and process risk factors. If a high-risk product is combined with a high-risk process, the producer group member/production site (farm or product handling unit) shall be classified as high-risk.

To maintain GFSI recognition, under IFA (IFA v5.4-1 GFS, HPSS, and IFA v6 GFS), it is not possible for the certification body (CB) to audit only a sample of producer group members or production sites if high-risk products are produced under the scope of certification. Rather, in the case of high-risk products, the CB shall visit *each* producer group member or production site.



Therefore, in "GLOBALG.A.P. general regulations – Rules for producer groups and multisite producers with QMS," section 9.1, which is an addition to section 6.1.2.1 g), states that in the case of high-risk producer group members/production sites, no sampling is allowed, and the CB auditor shall therefore audit every high-risk producer group member/production site annually against all the applicable principles and criteria.

High-risk products include:

- Fresh herbs
- Leafy greens
- Berries
- Cantaloupe melons

Specific products classed as leafy greens, berries, or herbs, which are categorized as high-risk, are identified by adding <sup>\*HR</sup> next to the specific product listing. This categorization, however, is not final and may be updated as new information about products becomes available.

## a) Leafy green vegetables

The highest-risk types of leafy greens are those meeting any of the following characteristics:

- An "open growth" aspect (with leaves not forming in a tight formation or head, e.g., romaine, spinach) as opposed to "closed growth" aspects (tight formation of inner leaves forming a head, e.g., cabbage)
- Edible parts of the leafy green plant grown close to the ground
- Usually eaten raw

# b) Berries

The way the berries are harvested (machine or nonmachine/hand harvest) does not influence their risk classification.

# c) Cantaloupe melons

Due to a history of foodborne outbreaks, cantaloupe melon is listed as high-risk. It is also now listed as a separate product in the product list.



#### 1.1.2 Product category flowers and ornamentals

Flowers and ornamentals, for the purpose of GLOBALG.A.P. certification, are defined in Table 1 below. The production processes for flowers and ornamental plants *not* used for purposes of eating are certified under the product category flowers and ornamentals.

For the certificate template, the registered species shall always be included, e.g., cut flowers – carnations.

For the flowers and ornamentals product category, the product list describes *generic categories* only. Therefore, for the flowers and ornamentals product category, the definition of parallel ownership is as follows:

## Parallel Ownership (PO)

In cases of PO, individual producers, producer groups, or producer group members own the same product partly as GLOBALG.A.P. certified and partly as noncertified\*. This can occur if they produce or buy noncertified products of the same product they produce and have registered for certification.

If not all members of a producer group producing a product that is registered for certification are included in the scope of the certificate, PO also applies.

The following are not considered cases of PO:

- An individual producer produces one product as certified and another product as noncertified (e.g., cut flowers certified and trees noncertified).
- An individual producer/producer group buys additional certified products from another GLOBALG.A.P. certified producer(s).
- A certified producer handles products for noncertified producers as a subcontractor (i.e., the certified producer does not buy the noncertified products).

The following are considered cases of PO:

Example 1: A producer grows roses. Only a part of the rose production will be certified.

Example 2: A producer grows certified roses and buys noncertified roses from one or more other producers.

A situation in which a producer owns one *species* as certified and another *species* as noncertified is not PO (e.g., roses certified and carnations noncertified).

\*For the sake of simplicity, in this section the terms "certified product" and "certified producer" are used. However, products and producers are not certified. "Certified product" refers instead to a product originating from a certified production process. "Certified producer" refers to a producer whose production process has been certified.



#### **Classification guidelines for generic listings:**

- a) Bamboo and ornamental grass: woody plants with hollow stems and/or plants from the grass family sold for ornamental purposes
- b) Bedding plants: plants set into a garden bed or container when they are about to bloom, usually an annual plant used for display and discarded at the end of the season
- c) Bulb (end product to end consumer): Bulbs of flowering plants sold directly to the end consumer.
- d) Cactus/Succulent: plants with thick succulent stems and thorny spines instead of leaves, well adapted in dry areas
- e) *Cut flower*: any flowers or flower buds (often with some stem and leaf) that have been grown and cut from the plant bearing it; usually removed from the plant for indoor decorative use
- f) Flowering bulb: flowering plants, in pots or outside, grown from a bulb or a tuber
- g) Hardy plants: plants that can tolerate cold winters and frost and can over-winter outdoors
  - (i) Hardy plants deciduous shrub: hardy shrubs losing their leaves during colder months
  - (ii) Hardy plants indeciduous shrub: hardy shrubs that do not lose their leaves seasonally (i.e., evergreen)
  - (iii) Hardy plants conifer: cone-like evergreen hardy plants that bear needle-shaped or scale-like leaves
  - (iv) Hardy plants hedge plant: special type of hardy shrubs planted to form a border
  - (v) *Hardy plants climbing plant*: a group of hardy plants with weak stems that climb up trees and other objects by using their stems to twine around a support structure and/or making use of sucking organs
  - (vi) Hardy plants rose: a prickly hardy bush or shrub that typically bears various colors of fragrant flowers
- h) House plants: plants grown indoors (e.g., homes, offices, etc.) for decorative purposes
  - (i) House plants flowering plant: house plants grown specifically for their flowers
  - (ii) House plants green foliage: house plants grown specifically for their green foliage
  - (iii) House plants in pots (mixed varieties): house plants planted in pots that contain a mixture of flowering and foliage plants
  - (iv) House plants orchid: plants with complex flowers having a large specialized petal (labellum) and also lacking a permanent woody structure



- i) Ornamental gourd: The hard-shelled fruit of any of various plants, whose dried shell is used for ornamental purposes. In this case only the production and harvesting processes are covered, and not the drying/curing/preserving preservation process.
- j) Garden plants in pots (mixed varieties): ornamental plants that will be kept outside in pots and that contain a mixture of different plants
- k) *Perennials*: plants living for more than two years
  - (i) Perennials flowering plant: perennial plants grown specifically for their flowers
  - (ii) Perennials green foliage: perennial plants grown specifically for their green foliage
  - (iii) Perennials ground cover plant: low dense-growing plants covering the surface of the ground
  - (iv) Perennials aquatic ornamental plant: water plants (with or without flowers) growing partially or fully in fresh water
- I) Trees: plants with an elongated stem or trunk, supporting branches and leaves, and tending to be long-lived
- m) Turf: a grass type that keeps the surface layer of the earth together by means of its roots

*Note*: In the case of the green foliage used with cut flowers in flower arrangements, these plants can be registered under the most applicable listing under the product category flowers and ornamentals. For example, if the green foliage comes from a perennial plant, "*Perennial green foliage (ID 100015)*" can be used. If the green foliage originates from trees, then "*Tree (ID 398)*" can be used. In all these cases, the CB shall include the specific plant in brackets on the certificate.

# 1.1.3 Product category hops

Hop, for the purpose of GLOBALG.A.P. certification, is defined in Table 1 below.

The production processes for hop cones for brewing shall be certified to IFA for hops. However, if hop shoots are to be consumed as a vegetable, they shall be included in the scope of certification together with hop cones for brewing, so that the producer shall comply with IFA for hops and IFA for fruit and vegetables. If the producer is applying for certification of hop shoots *only* (no brewing), the producer shall comply with IFA for fruit and vegetable.



## Table 1 GLOBALG.A.P. product list for plants (product categories fruit and vegetables, flowers and ornamentals, hops)

Product name		Plant	s (product catego	ries)
Product name	Scientific name	Fruit and vegetables	Flowers and ornamentals	Hops
Abiu fruit	Pouteria caimito	100937		
Acacia pennata leaf	Acacia pennata	328		
Acerola/Barbados cherry	Malpighia emarginata	198		
Achacha	Garcinia humilis	99526		
Agretti	Salsola soda	448		
Almond	Prunus dulcis	1		
Aloe vera	Aloe vera	173		
Amaranth	Amaranthus spp.	100035		
Angelica (herb)	Angelica archangelica	99515		
Aniseed	Pimpinella anisum	860		
Anise hyssop (herb) <sup>*HR</sup>	Agastache foeniculum	861		
Appleberry <sup>*HR</sup>	Billardiera scandens	243		
Annatto	Bixa orellana	100939		
Apple	Malus domestica	2		
Apricot	Prunus armeniaca	3		
Artichoke	Cynara cardunculus	4		
Arugula/Rocket (herb) <sup>*HR</sup>	Eruca sativa	125		
Asian pear	Pyrus pyrifolia	232		
Asparagus	Asparagus officinalis	5		
Astragalus/Milk vetch	Astragalus membranaceus	100947		



		Plant	Plants (product categories)		
Product name	Scientific name	Fruit and vegetables	Flowers and ornamentals	Hops	
Atemoya	Annona – cross between sweetsop (Annona squamosa) and the cherimoya (A. cherimola)	302			
Aubergine/Eggplant	Solanum melongena	6			
Avocado	Persea americana	7			
Aztec sweet herb (herb) <sup>*HR</sup>	Lippia dulcis; Phyla dulcis	862			
Baby banana	Musa spp.	126			
Baby beet greens <sup>*HR</sup>	Beta vulgaris var. esculenta	100098			
Baby corn	Zea mays	8			
Baby leaf brassica <sup>(1)*HR</sup>	Brassica spp.	100099			
Baby leaf chard <sup>(2)*HR</sup>	Beta vulgaris var. cicla	100100			
Baby leaf chicory <sup>(3)*HR</sup>	Cichorium intybus	100101			
Baby leaf endive <sup>(4)*HR</sup>	Cichorium endivia	100102			
Baby leaf lamb's lettuce <sup>*HR</sup>	Valerianella locusta	100103			
Baby leaf lettuce <sup>(5)*HR</sup>	Lactuca sativa	100104			
Baby leaf rocket <sup>*HR</sup>	Eruca sativa	100105			
Baby leaf greens <sup>(6)*HR</sup>	Various spp.	127			
Baby leaf spinach <sup>(7)*HR</sup>	Spinacia oleracea	100106			
Baby leaf wild rocket <sup>(8)*HR</sup>	Diplotaxis tenuifolia	100107			
Balloon berry <sup>*HR</sup>	Rubus illecebrosus – cross between strawberry (Fragaria ananassa) and raspberry (Rubus idaeus)	100177			
Balm (herb) <sup>*HR</sup>	Melissa officinalis	863			
Balsam apple	Momordica balsamina	263			



Product name	Scientific name	Plants (product categories)			
		Fruit and vegetables	Flowers and ornamentals	Hops	
Bamboo and ornamental grass	Various spp.		425		
Bamboo shoots	Dendrocalamus asper	219			
Banana	Musa acuminata	9			
Basil (herb) <sup>*HR</sup>	Ocimum basilicum	864			
Bedding plants	Various spp.		288		
Beetroot	Beta vulgaris subsp. vulgaris	11			
Bellflower root/Doraji	Platycodon grandiflorus	467			
Bilberry <sup>*HR</sup>	Vaccinium myrtillus	15			
Bitter bean/Petai	Parkia speciosa	100153			
Bitter melon	Momordica charantia	262			
Bitter orange	Citrus aurantium; C. bergamia	469			
Black cumin	Bunium bulbocastanum	865			
Black nightshade	Solanum nigrum	985			
Black salsify	Scorzonera hispanica	13			
Blackberry <sup>*HR</sup>	Rubus fruticosus	14			
Blackcurrant <sup>*HR</sup>	Ribes nigrum	179			
Blackthorn fruit	Prunus spinosa	100945			
Blue-berried honeysuckle	Lonicera caerulea	334			
Blueberry*HR	Vaccinium corymbosum; V. angustifolium	197			
Borage (herb)	Borago officinalis	866			
Boysenberry* <sup>HR</sup>	Rubus ursinus × idaeus	311			
Brassicas	Various <i>Brassica</i> spp.	268			



	Scientific name	Plan	Plants (product categories)			
Product name		Fruit and vegetables	Flowers and ornamentals	Hops		
Brazil nut	Bertholletia excelsa	250				
Breadfruit	Artocarpus altilis	845				
Broad bean/Fava bean	Vicia faba	399				
Broccoli	Brassica oleracea var. italica	16				
Broccoletti/Broccolette	Brassica oleracea var. italica × alboglabra	271				
Brussel sprouts	Brassica oleracea var. gemmifera	17				
Bulb (end product to end consumer)	Various spp.		100950			
Butternut squash	Cucurbita moschata	128				
Cabbage leaf mustard/Mustard greens/Chinese mustard <sup>*HR</sup>	Brassica juncea var. rugosa	436				
Cabbage	Brassica oleracea var. capitata; B. oleracea var. medullosa; B. oleracea var. sabauda	18				
Cacao fruit	Theobroma cacao	416				
Cactus/Succulent	Cactaceae family		100002			
Calabash	Lagenaria siceraria	711				
Campion (herb) <sup>*HR</sup>	Silene vulgaris	100086				
Canistel/Eggfruit	Pouteria campechiana	849				
Cantaloupe melon <sup>*HR</sup>	<i>Cucumis melo</i> var. <i>cantalupensis; C. melo</i> var. <i>reticulatus</i>	100168				
Capers	Capparis spinosa	318				
Capsicum (pepper/chilli)	Genus Capsicum	400				
Carambola/Star fruit	Averrhoa carambola	287				
Caraway	Carum carvi	867				



	Scientific name	Plant	Plants (product categories)			
Product name		Fruit and vegetables	Flowers and ornamentals	Hops		
Cardamom	Elettaria cardamomum; Amomum compactum	174				
Cardoon	Cynara cardunculus	100200				
Carrot	Daucus carota	20				
Cashew	Anacardium occidentale	246				
Cassava root/Manioc/Yucca	Manihot esculenta	180				
Catnip (herb)	Nepeta cataria	868				
Cauliflower	Brassica oleracea var. botrytis	21				
Celeriac (celery root)	Apium graveolens var. rapaceum	22				
Celery <sup>*HR</sup>	<i>Apium graveolens</i> var. <i>dulce; A. graveolens</i> var. <i>secalinum</i>	23				
Cereal grass <sup>(9)*HR</sup>	Various spp.	100045				
Chameleon plant (herb) <sup>*HR</sup>	Houttuynia cordata	869				
Chamomile (herb)	Chamaemelum nobile; Matricaria chamomilla	870				
Chard <sup>*HR</sup>	Beta vulgaris var. cicla	24				
Chayote	Sechium edule	129				
Cheese plant	Paederia lanuginose	100172				
Cherry	Prunus avium	25				
Chervil (herb)*HR	Anthriscus cerefolium	871				
Chestnut	Castanea sativa (most common species)	26				
Chickweed (herb) <sup>*HR</sup>	Stellaria media	872				
Chicory	Cichorium intybus	27				



		Plant	s (product catego	ories)
Chilcon quovo/Murto horn.*HB	Scientific name	Fruit and vegetables	Flowers and ornamentals	Hops
Chilean guava/Murta berry <sup>*HR</sup>	Ugni molinae	100130		
Chinese artichoke	Stachys affinis; S. sieboldii	320		
Chinese bayberry*HR	Myrica rubra	759		
Chinese cabbage	Brassica rapa subspecies	130		
Chinese flowering cabbage/False pak choi <sup>*HR</sup>	Brassica rapa var. parachinensis	442		
Chinese kale/Chinese broccoli*HR	Brassica oleracea var. alboglabra	437		
Chinese plum/Japanese apricot	Prunus mume	471		
Chive (herb) <sup>*HR</sup>	Allium schoenoprasum	30		
Chokeberry*HR	Aronia spp.	313		
Chufa/Tiger nut	Cyperus esculentus	856		
Cinnamon bark	Cinnamomum verum	100111		
Citrofortunella fruit	Kumquat (Fortunella margarita) hybrids	100955		
Citron	Citrus medica	409		
Citrus hassaku	Citrus × hassaku	439		
Clementine	Citrus × clementina	31		
Clove	Syzygium aromaticum	100929		
Clover (herb) <sup>*HR</sup>	Edible <i>Trifolium</i> spp.	873		
Coconut	Cocos nucifera	32		
Collard greens <sup>*HR</sup>	Brassica oleracea – acephala cultivar group	837		
Common mallow (herb)	Malva neglecta; M. sylvestris	874		
Common rue (herb)	Ruta graveolens	875		



Product name		Plan	ts (product catego	ories)
	Scientific name	Fruit and vegetables	Flowers and ornamentals	Hops
Coriander (herb) <sup>*HR</sup>	Coriandrum sativum	33		
Corn salad/Lamb's lettuce*HR	Valerianella locusta	244		
Cornelian cherry	Cornus mas	333		
Courgette (zucchini, marrow) <sup>(10)</sup>	Cucurbita pepo	34		
Cranberry <sup>*HR</sup>	Vaccinium macrocarpon	35		
Cumin	Cuminum cyminum	876		
Cucumber	Cucumis sativus	37		
Curly endive/Frisèe*HR	Cichorium endivia var. crispum	275		
Curry leaf	Murraya koenigii	131		
Curry plant (herb)	Helichrysum italicum; H. angustifolia	877		
Custard apple/Cherimoya	Annona cherimola; A. reticulata	39		
Cut flower	Various spp.		100003	
Dandelion	Taraxacum officinale	99521		
Date	Phoenix dactylifera	40		
Dill (herb) <sup>*HR</sup>	Anethum graveolens	940		
Dittany (herb)	Origanum dictamnus	100140		
Dock (herb)	Rumex patientia; R. sanguineus	100921		
Dragon fruit/Pitaya	Hylocereus undatus; H. megalanthus	175		
Drumstick	Moringa oleifera	183		
Duckweed	Lemna spp.	100170		
Durian	Durio zibethimus	239		
Echalion	Cross between French onion and shallot	447		



	Scientific name	Plan	Plants (product categories)			
Product name		Fruit and vegetables	Flowers and ornamentals	Hops		
Edamame	Glycine max	335				
Edible burdock	Arctium lappa	322				
Edible chrysanthemum	Chrysanthemum coronarium	309				
Edible flower	Various spp.	200				
Edible leaf <sup>(11)</sup>	Various spp.	100046				
Elderberry* <sup>HR</sup>	Sambucus nigra	286				
Elephant garlic	Allium ampeloprasum	245				
Elsholtzia (herb)	Elsholtzia spp.	995				
Endive	Cichorium endivia	41				
Ensete/False banana	Ensete ventricosum	461				
Epazote (herb)	Dysphania ambrosioides	100051				
Escarole/Broad-leaf endive	Cichorium endivia var. latifolia	285				
Feijoa	Acca sellowiana	152				
Fennel <sup>*HR</sup>	Foeniculum vulgare	42				
Fenugreek (herb) <sup>*HR</sup>	Trigonella foenum-graecum	879				
Fig	Ficus carica	43				
Finger lime	Citrus australasica	981				
Flower sprout	Cross between Brussels sprouts and kale	830				
Flowering bulb	Various spp.		100004			
Flowering quince	Chaenomeles spp.	100096				
Galangal	Alpinia galanga	132				
Garden cress <sup>*HR</sup>	Lepidium sativum	36				



		Plants (product categories)			
Product name	Scientific name	Fruit and vegetables	Flowers and ornamentals	Hops	
Garden plants in pots (mixed varieties)	Various spp.		100058		
Garlic	Allium sativum	44			
Garlic chive	Allium tuberosum	310			
Garlic mustard (herb) <sup>*HR</sup>	Alliaria petiolata	100037			
Gherkin	Cucumis anguria	133			
Ghost plant	Graptopetalum paraguayense	100061			
Ginger	Zingiber officinale	134			
Ginseng root	Panax ginseng	184			
Glasswort	Various spp.	235			
Goji berry/Wolfberry <sup>*HR</sup>	Lycium barbarum	323			
Good King Henry (herb)	Chenopodium bonus-henricus	100188			
Gooseberry	Ribes uva-crispa	45			
Gourd (edible)	Benincasa hispida	46			
Grapefruit	Citrus paradisi	47			
Grape (table)	Vitis vinifera	48			
Grape (wine)	Vitis vinifera	466			
Grass-leaved sweet rush (herb)	Acorus gramineus	880			
Green bean	Phaseolus vulgaris	10			
Guar/Cluster bean	Cyamopsis tetragonoloba	100033			
Guava	Psidium guajava	135			
Hardy plants – climbing plant	Various spp.		100008		
Hardy plants – conifer	Various spp. in <i>Pinopsida</i> class		100006		



	Scientific name	Plants (product categories)			
Product name		Fruit and vegetables	Flowers and ornamentals	Hops	
Hardy plants – deciduous shrub	Various spp.		100005		
Hardy plants – hedge plant	Various spp.		100007		
Hardy plants – indeciduous shrub	Various spp.		100166		
Hardy plants – rose	Various spp.		100009		
Hart's pennyroyal (herb)	Mentha cervina	881			
Hawthorn/Hawberry <sup>*HR</sup>	Crataegus spp.	100049			
Hazelnut	Corylus avellana	225			
Hibiscus/Roselle (herb)	Hibiscus sabdariffa	882			
Honeybush (herb)	Cyclopis spp.	100147			
Hop cone	Humulus lupulus			99528	
Hop shoot <sup>(18)</sup>	Humulus lupulus	99523			
Horseradish	Armoracia rusticana	51			
House plants – flowering plant	Various spp.		100010		
House plants – green foliage	Various spp.		100011		
House plants – orchid	Orchidaceae family		100013		
House plants in pots (mixed varieties)	Various spp.		100012		
Hyssop (herb)	Hyssopus officinalis	883			
Ice plant	Mesembryanthemum spp.	475			
Indian borage (herb)	Plectranthus amboinicus	884			
Indian gooseberry	Phyllanthus emblica	848			
Indian mulberry/Noni <sup>*HR</sup>	Morinda citrifolia	481			
Jackfruit	Artocarpus heterophyllus	52			



	Scientific name	Plant	Plants (product categories)		
Product name		Fruit and vegetables	Flowers and ornamentals	Hops	
Japanese ginger	Zingiber mioga	100935			
Japanese horseradish/Wasabi	Wasabia japonica	241			
Japanese mustard spinach*HR	Brassica rapa var. pervidis; B. rapa var. komatsuna	224			
Japanese silverberry	Elaeagnus umbellata	100186			
Japanese wild parsley/Mitsuba (herb)*HR	Cryptotaenia japonica	885			
Jerusalem artichoke	Helianthus tuberosus	222			
Jiaogulan	Gynostemma pentephyllum	886			
Jostaberry <sup>*HR</sup>	Ribes × nidigrolaria	450			
Jujube	Ziziphus jujuba	226			
Juniper berry <sup>*HR</sup>	<i>Juniperus</i> spp.	457			
Jute mallow	Corchorus spp.	405			
Kale <sup>*HR</sup>	Brassica oleracea var. acephala; B. oleracea var. palmifolia	220			
Kinnow	Citrus nobilis × C. deliciosa	420			
Kiwano	Cucumis metuliferus	54			
Kiwiberry	Actinidia arguta	484			
Kiwi	Actinidia deliciosa; A. chinensis	55			
Kohlrabi	Brassica oleracea var. gongylodes	56			
Krachai/Fingerroot	Boesenbergia rotunda	136			
Kumquat	Fortunella margarita	57			
Lablab bean	Lablab purpureus	182			
Laksa leaf (herb) <sup>*HR</sup>	Persicaria odorata	994			



		Plant	s (product catego	ories)
Product name	Scientific name	Fruit and Flowers and vegetables ornamentals		Hops
Land cress (herb)*HR	Barbarea verna	887		
Laurel/Bay leaf (herb)	Laurus nobilis	888		
Lavender (herb)	Lavandula spica; L. angustifolia	889		
Leek	Allium ameloprasum	58		
Lemon verbena (herb) <sup>*HR</sup>	Lippia spp.	890		
Lemongrass	Cymbopogon citratus	59		
Lemon	Citrus limon	60		
Lemon stardust (herb)	Tagetes tenuifolia	100161		
Lesser calamint (herb)*HR	Clinopodium nepeta	100088		
Lettuce <sup>*HR</sup>	Lactuca sativa	61		
Limequat	Citrus × floridana	218		
Lime	Citrus aurantiifolia; C. latifolia; C. hystrix; C. glauca	62		
Lingonberry <sup>*HR</sup>	Vaccinium vitis-idaea	314		
Liquorice	Glycyrrhiza glabra	397		
Litchi/Lychee	Litchi chinensis	63		
Loganberry <sup>*HR</sup>	Rubus × loganobaccus	428		
Longan	Dimocarpus longan	228		
Longkong	Lansium domesticum	267		
Loquat	Eriobotrya japonica	231		
Lotus	Nelumbo nucifera	251		
Lovage (herb) <sup>*HR</sup>	Levisticum officinale; Ligusticum scoticum	891		
Lucuma	Pouteria lucuma	137		



		Plant	ts (product catego	ries)	
Product name	Scientific name	Fruit and vegetables	Flowers and ornamentals	Hops	
Luffa	Luffa acutangular	265			
Lupin	Lupinus albus	305			
Маса	Lepidium meyenii	462			
Macadamia nut	Macadamia spp.	64			
Malabar spinach/Pak plang* <sup>HR</sup>	Basella alba	403			
Malacca apple/Milk apple	Syzygium malaccense	201			
Mamey sapote	Pouteria sapota	858			
Mandarin	Citrus reticulata; C. tangerina; C. sudachi	66			
Mangetout (pea pod) <sup>(12)</sup>	Pisum sativum	67			
Mango	Mangifera indica	68			
Mangosteen	Garcinia mangostana	138			
Marjoram (herb)	Origanum majorana	892			
Medlar	Mespilus germanica	151			
Melde (herb)	Chenopodium album	100043			
Melon	Cucumis melo	71			
Microgreens <sup>(13)*HR</sup>	Various spp.	100108			
Miner's lettuce <sup>*HR</sup>	Claytonia perfoliata	100041			
Minneola	Citrus × tangelo	72			
Mint (herb) <sup>*HR</sup>	Mentha spp.	990			
Mizuna (herb) <sup>*HR</sup>	Brassica rapa nipposinica	893			
Monk fruit	Siraitia grosvenorii	921			
Mulberry <sup>*HR</sup>	Genus: Morus	73			



		Plant	ts (product catego	ries)	
Product name	Scientific name	Fruit and vegetables	Flowers and ornamentals	Hops	
Mung bean	Vigna radiata	316			
Mushroom	Various types	74			
Mushroom plant (herb) <sup>*HR</sup>	Rungia klossii	989			
Mustard	Sinapis alba	75			
Myrtle (herb)	Myrtus communis	100084			
Nance fruit	Byrsonima crassifolia	100142			
Naranjilla	Solanum quitoense	329			
Nasturtium tuber	Tropaeolum tuberosum; T. minor	485			
Nectarcot	Hybrid between nectarine and apricot	441			
Nectarine	Prunus persica var. nectarina	76			
Neem	Azadirachta indica	844			
Nettle (herb)	Urtica dioica	894			
Nigella/Black seed/Fennel seed	Nigella sativa	895			
Nutmeg	Myristica fragrans	100931			
Оса	Oxalis tuberosa; O. crenata	476			
Oil palm kernel and fruit	Elaeis guineensis	177			
Okra	Abelmoschus esculentus	78			
Olive herb (herb)	Santolina viridis	905			
Olive	Olea europaea	79			
Onion	Allium spp.	80			
Orache (herb) <sup>*HR</sup>	Atriplex hortensis	99517			
Orange	Citrus sinensis; C. natsudaidai; C. tamurana	81			



		Plants (product categorie	Plants (product categories)		
Product name	Scientific name	Fruit and vegetables	Flowers and ornamentals	Hops	
Oregano (herb) <sup>*HR</sup>	Origanum vulgare; O. syriacum	896			
Oroblanco/Sweetie	Citrus grandis × C. paradisi	413			
Ornamental gourd	Various spp.		100039		
Oyster leaf (herb)	Mertensia maritima	992			
Pak choi <sup>*HR</sup>	Brassica rapa var. chinensis	82			
Paleleaf woodland sunflower root	Helianthus strumosus	100133			
Palmyra palm	Borassus flabellifer	846			
Pandanus/Pandan	Genus: Pandanus	336			
Рарауа	Carica papaya	84			
Paracress (herb) <sup>*HR</sup>	Acmella oleracea	897			
Parsley (herb) <sup>*HR</sup>	Petroselinum crispum	85			
Parsley root	Petroselinum crispum subsp. tuberosum	99507			
Parsnip	Pastinaca sativa	86			
Passion fruit/Granadilla/Maracuya	Passiflora spp.	404			
Pawpaw/Indiana banana	Asimina triloba	100157			
Pea <sup>(14)</sup>	Pisum sativum	90			
Pea eggplant	Solanum torvum	306			
Peach	Prunus persica	88			
Peach palm	Bactris gasipaes	83			
Pear	Pyrus spp.	89			
Pecan nut	Carya illinoinensis	186			
Pepino/Melon pear	Solanum muricatum	332			



		Plan	Plants (product categories)		
Product name	Scientific name	Fruit and vegetables	Flowers and ornamentals	Hops	
Peppercorn	Piper nigrum	187			
Peppermint (herb) <sup>*HR</sup>	Mentha piperita	899			
Pepquino	Melothria scabra	468			
Perennials – aquatic ornamental plant	Various spp.		100017		
Perennials – flowering plant	Various spp.		100014		
Perennials – green foliage	Various spp.		100015		
Perennials – ground cover plant	Various spp.		100016		
Perilla/Beefsteak plant/Shiso (herb)*HR	Perilla frutescens var. viridis	898			
Perennial wall-rocket (herb)	Diplotaxis tenuifolia	900			
Persimmon/Kaki	Diospyros kaki	92			
Peruvian mint/Huacatay (herb)	Tagetes minuta	100160			
Philippine lime/Calamondin	Citrus × microcarpa	100914			
Physalis/Cape gooseberry	Physalis peruviana	93			
Pigface	Carpobrotus rossii; C. edulis	100136			
Pine nut	Pinus spp.	252			
Pineapple	Ananas comosus	94			
Piper sarmentosum leaf <sup>*HR</sup>	Piper sarmentosum	337			
Pistachio	Pistacia vera	188			
Plantain	Musa balbisiana; M. paradisiaca	141			
Plantain herb (herb)	<i>Plantago</i> spp.	993			
Plum	Prunus domestica; P. cerasifera	95			
Plum (interspecific hybrid)	Various hybrids between plums and apricots	100090			



		Plants (product cate		gories)	
Product name	Scientific name	Fruit and vegetables			
Plumcot	Hybrid between plums and apricots	142			
Pluot	<i>Prunus</i> spp. (trade name for varieties of interspecific plum or plumcot) – complex cross hybrid of plum and apricot	221			
Pomegranate	Punica granatum	96			
Pomelo	Citrus maxima	97			
Potato	Solanum tuberosum	98			
Potato weed (herb)*HR	Galinsoga parviflora	100155			
Prickly pear	Opuntia ficus-indica	99			
Pumpkin <sup>(15)</sup>	Cucurbita maxima	100			
Purslane	Portulaca oleracea	211			
Quince	Cydonia oblonga	101			
Radicchio	Cichorium intybus	277			
Radish	Raphanus sativus	102			
Rambutan	Nephelium lappaceum	143			
Raspberry <sup>*HR</sup>	Rubus idaeus; R. phoenicolasius	103			
Red currant <sup>*HR</sup>	Ribes rubrum	253			
Rhubarb	Rheum rhabarbarum	104			
Romaine/Cos lettuce <sup>(16)*HR</sup>	Lactuca sativa var. longifolia	100138			
Romanesco broccoli	Brassica oleracea, Botrytis cultivar group	216			
Rooibos (herb)	Aspalathus linearis	901			
Rose apple	Syzygium jambos	240			



		Plant	ts (product catego	oduct categories)	
Product name	Scientific name	Fruit and vegetables	Flowers and ornamentals	Hops	
Rose hip	Rosa canina; R. rugosa; R. roxburghii	227			
Rosemary (herb) <sup>*HR</sup>	Rosmarinus officinalis	902			
Rutabaga/Swede	Brassica napus	115			
Saffron	Crocus sativus	391			
Sage (herb) <sup>*HR</sup>	Salvia officinalis; Salvia spp.	903			
Salad burnet (herb) <sup>*HR</sup>	Sanguisorba minor	904			
Salak	Salacca zalacca	144			
Salsify	Tragopogon porrifolius	145			
Saltwort (herb)	Batis spp.	100059			
Samphire (herb)	Various spp.	100060			
Santol	Sandoricum koetjape	254			
Sapodilla	Manilkara zapota	190			
Satsuma	Citrus unshiu	105			
Savory (herb)	Satureja hortensis; S. montana; S. repandra; S. spicigera	906			
Sawtooth (herb)	Eryngium foetidum	996			
Scarlet eggplant	Solanum aethiopicum	100915			
Schabzigerklee/Blue fenugreek (herb)*HR	Trigonella caerulea	907			
Schizandra berry <sup>*HR</sup>	Schisandra chinensis	430			
Sea aster	Aster tripolium	234			
Sea beet	Beta vulgaris subsp. maritima	100055			



		Plants (product catego		ories)	
Product name	Scientific name	Fruit and vegetables	Flowers and ornamentals	Hops	
Sea blite	Suaeda maritima	100181			
Sea buckthorn	Hippophae rhamnoides	236			
Sea rocket	Cakile maritima	100183			
Seakale	Crambe maritima	470			
Serviceberry <sup>*HR</sup>	Amelanchier spp.	407			
Service tree fruit	Sorbus spp.	100094			
Sessile joyweed/Dwarf copperleaf (herb)	Alternanthera sessilis	908			
Shallot	Allium oschaninii (syn. A. cepa var. aggregatum)	106			
Skirret	Sium sisarum	100956			
Sorrel (herb) <sup>*HR</sup>	Rumex acetosa; R. acetosella	909			
Society garlic (herb)	Tulbaghia violacia	100129			
Sour cherry	Prunus cerasus	486			
Soursop	Annona muricata	307			
Spadeleaf (herb) <sup>*HR</sup>	Centella asiatica	910			
Spearmint (herb) <sup>*HR</sup>	Mentha spicata	911			
Spelt	Triticum spelta	205			
Spider plant	Cleome gynandra	100127			
Spinach* <sup>HR</sup>	Spinacia oleracea	108			
Spiny chicory	Cichorium spinosum	446			
Spring onion	Allium spp.	283			
Squash <sup>(17)</sup>	Cucurbita pepo	110			



		Plant	ts (product catego	ries)	
Product name	Scientific name	Fruit and vegetables	Flowers and ornamentals	Hops	
Star anise fruit	Illicium verum	100185			
Star apple	Chrysophyllum caimito	282			
Stevia	Stevia rebaudiana	912			
Strawberry <sup>*HR</sup>	Fragaria ananassa	112			
Strawberry guava	Psidium littorale	100958			
Strawberry tree	Arbutus unedo	833			
Sugar loaf	Cichorium intybus	317			
Sweet cicely	Myrrhis odorata	100053			
Sweet potato	Ipomoea batatas	116			
Sweetcorn	Zea mays convar. saccharata var. rugosa	117			
Tamarillo	Solanum betaceum (syn. Cyphomandra betacea)	118			
Tamarind	Tamarindus indica	269			
Tangelo	Citrus tangelo	146			
Tangor	Hybrid of mandarin and sweet orange	229			
Tannia/New cocoyam	Xanthosoma sagittifolium	408			
Taro	Colocasia esculenta; C. gigantea	191			
Tarragon (herb) <sup>*HR</sup>	Artemisia dranunculus	913			
Tayberry <sup>*HR</sup>	Cross between blackberry ( <i>Rubus fruticosus</i> ) and red raspberry ( <i>R. idaeus</i> )	315			
Tea plants in pots	Camellia sinensis	100144			
Thistle	Various spp.	147			



		Plan	ts (product catego	ries)	
Product name	Scientific name	Fruit and vegetables	Flowers and ornamentals	Hops	
Thyme (herb) <sup>*HR</sup>	Thymus vulgaris; Thymus spp.	914			
Tindori/Ivy gourd	Coccinia grandis	192			
Tomatillo	Physalis piladelphica (syn. Physalis ixocarpa)	472			
Tomato	Solanum lycopersicum	119			
Trees	Various spp.		398		
Tummelberry*HR	Rubus hybrid	429			
Turf	Various spp.		300		
Turmeric	Curcuma longa	194			
Turnip	Brassica rapa var. rapa	120			
Turnip top <sup>*HR</sup>	Brassica rapa var. rapa	148			
Vanilla bean	Vanilla planifolia	178			
Walnut	Juglans spp.	193			
Water spinach	Ipomoea aquatica	274			
Watercress <sup>*HR</sup>	Nasturtium officinale	284			
Watermelon	Citrullus lanatus	149			
Wax apple	Syzygium samarangense	230			
Waxy corn	Zea mays var. ceratina	100912			
White currant <sup>*HR</sup>	Ribes glandulosum	261			
Wild garlic	Allium ursinum	308			
Wineberry* <sup>HR</sup>	Rubus phoenicolasius	99519			
Winged bean	Psophocarpus tetragonolobus	99512			
Winter cress (herb)*HR	Barbarea vulgaris	99524			



Product name		Plant	ries)	
	Scientific name	Fruit and vegetables	Flowers and ornamentals	Hops
Witloof	Cichorium intybus var. foliosum	121		
Woodapple	Limonia acidissima	847		
Woodruff (herb)	Gallium odoratum	915		
Wood sorrel (herb) <sup>*HR</sup>	Oxalis acetosella; O. vulcanicola	99513		
Wormwood (herb)	Artemisia absinthium; A. abrotanum; A. vulgaris	916		
Yacon	Smallanthus sonchifolius	237		
Yam	Dioscorea spp.	122		
Yam bean/Jicama	Pachyrhizus erosus	438		
Yardlong bean	Vigna unguiculata subsp. sesquipedalis	373		
Yarrow	Achillea millefolium	917		
Yerba mate (herb)	llex paraguariensis	100199		
Yukou citrus	Citrus yuko	100923		
Yuzu citrus	Citrus junos	100145		

<sup>(1)</sup>**Baby leaf** *Brassica* (ID 100099): This product includes numerous varieties (e.g., tatsoi, pak choi, mizuna, kale, mustard spinach, mibuna) harvested at an immature stage (as defined by the clarification of baby leaf greens (ID 127)). The specific variety can be listed on the online GLOBALG.A.P. certificate if more transparency is required.

- <sup>(2)</sup>**Baby leaf chard (ID 100100):** This product includes all chard varieties and cultivars harvested at an immature stage (as defined by the clarification of baby leaf greens (ID 127)). The specific variety can be listed on the online GLOBALG.A.P. certificate if more transparency is required.
- <sup>(3)</sup>**Baby leaf chicory (ID 100101):** This product includes all chicory types (radicchio, sugarloaf, and witloof with associated varieties) harvested at an immature stage (as defined by the clarification of baby leaf greens (ID 127)). The specific variety can be listed on the online GLOBALG.A.P. certificate if more transparency is required.
- <sup>(4)</sup>**Baby leaf endive (ID 100102):** This product includes all endive varieties and cultivars harvested at an immature stage (as defined by the clarification of baby leaf greens (ID 127)). The specific variety can be listed on the online GLOBALG.A.P. certificate if more transparency is required.



<sup>(5)</sup>**Baby leaf lettuce (ID 100104):** This product includes all lettuce varieties harvested at an immature stage (as defined by the clarification of baby leaf greens (ID 127)) such as Batavia, iceberg, crisp-head, butterhead, etc. The specific variety can be listed on the online GLOBALG.A.P. certificate if more transparency is required.

<sup>(6)</sup>Baby leaf greens (ID 127): See section 1.1.1.2.

- <sup>(7)</sup>**Baby leaf spinach (ID 100106):** This product includes all spinach types and varieties harvested at an immature stage (as defined by the clarification of baby leaf greens (ID 127)). The specific variety can be listed on the online GLOBALG.A.P. certificate if more transparency is required.
- <sup>(8)</sup>**Baby leaf wild rocket (ID 100107):** This is the baby leaf form of perennial wall-rocket. The specific variety can be listed on the online GLOBALG.A.P. certificate if more transparency is required.
- <sup>(9)</sup>Cereal grass (ID 100045): This product includes young green plants (including the leaves) of grain plants (e.g., barley, wheat, etc.), consumed fresh and/or used for further processing (note: no processing included under this scope).
- <sup>(10)</sup>Courgette (ID 34): This product includes all *Cucurbita pepo* varieties that are soft-shelled but harvested when fruit is still immature, e.g., vegetable marrows, pattypan squash, zucchini.
- <sup>(11)</sup>Edible leaf (ID 100046): This product includes edible leaves from plants such as vegetables, grains, legumes, etc. where the stems, roots, and/or seeds are more known to be used. Examples include leaves of products like carrots, peas, sunflowers, maize, cucumbers, beetroot, broccoli, cabbages, etc. It does not include leaves purely used for medicinal purposes or baby leaf salad.
- <sup>(12)</sup>**Mangetout (ID 67):** This product includes all *Pisum sativum* cultivars where the immature peas with pods are consumed. The name mangetout also applies to sugar snap peas and snow peas.
- <sup>(13)</sup>**Microgreens (ID 100108):** See section 1.1.1.2.
- <sup>(14)</sup>**Pea (ID 90):** This product includes all *Pisum sativum* cultivars where the pods are *not* consumed only the fresh seeds.
- <sup>(15)</sup>**Pumpkin (ID 100):** This product includes all winter squash (*Cucurbita maxima*) varieties that are large-fruited, hard-shelled, and harvested when fruit are fully matured, e.g., crown prince, etamples, golden delicious, hokkaido, hubbard, golden hubbard, warted hubbard, kabocha, Queensland blue, sweet dumpling, white cheesequake.
- <sup>(16)</sup>**Romaine/Cos lettuce (ID 100138):** Due to the high risk of microbial contamination associated with this particular variety, it is now listed as a separate product. Baby leaf romaine/cos lettuce also falls within this product ID for fruit and vegetables.
- <sup>(17)</sup>Squash (ID 110): This product includes all winter and summer squash (*Cucurbita pepo*) varieties that are hard-shelled, e.g., acorn squash, delicata squash, gem squash, spaghetti squash.



<sup>(18)</sup>Hop shoot (ID 99523): This product is consumed like a vegetable and therefore allocated to the product category fruit and vegetables.

\*HR: High-risk product

## 1.2 Aquaculture scope

GLOBALG.A.P. certification cannot be achieved for wild fish/catch that is not farmed. The aquaculture scope applies to the production processes for a variety of fish, crustaceans, molluscs, and seaweed/macro algae. It covers the entire production chain from brood stock, seedlings, and feed suppliers to farming, harvesting, and processing.

Seaweed refers to seaweed or marine macro algae; brown, red, or green.

New species can be added upon request, as long as seedlings are derived from domesticated brood stock under controlled systems (except for passive collection from the planktonic phase) and the seedling supply has commercial status (not only research status).

Certificates for aquaculture production processes shall be reflected with both the product name and its scientific name.

*Note:* For each product in IFA for aquaculture, there shall be the possibility in the GLOBALG.A.P. IT systems to choose the following, when applicable:

- Brood stock
- Seedlings (ova)
- Seedlings (juvenile)
- Grow-out

Product categories:

- Finfish (refers to fresh water and marine finfish and other fish, e.g., flatfish, eels, etc.)
- Crustaceans
- Molluscs
- Seaweed/Macro algae



## Table 2 GLOBALG.A.P. product list for aquaculture (product categories finfish, crustaceans, molluscs, seaweed/macro algae)

			Aquad	ulture		
Product name	Scientific name	Finfish	Crustaceans	Mollusos Seawee	Seaweed/ Macro algae	
Adriatic sturgeon	Acipenser naccarii	99503				
American cupped oyster	Crassostrea virginica			379		
Arctic char	Salvelinus alpinus	343				
Asian bronze featherback	Notopterus notopterus	100192				
Asian swamp eel	Monopterus albus	100942				
Asiatic hard clam	Meretrix meretrix			100152		
Atlantic cod	Gadus morhua	100165				
Atlantic halibut	Hippoglossus hippoglossus	366				
Atlantic salmon	Salmo salar	338				
Barcoo grunter	Scortum barcoo	465				
Barramundi	Lates calcarifer	364				
Barred sorubim	Pseudoplatystoma fasciatum	363				
Bighead carp	Hypophthalmichthys nobilis	920				
Blackspot seabream	Pagellus bogaraveo	100110				
Blotched snakehead	Channa maculata	458				
Blue mussel	Mytilus edulis			385		
Blue tilapia	Oreochromis aureus	346				
Bluespotted seabream	Pagrus caeruleostictus	452				
Brownmarbled grouper	Epinephelus fuscoguttatus	100079				
Brook trout	Salvelinus fontinalis	417				
Brown trout	Salmo trutta fario	418				



			Aquaculture				
Product name	Scientific name	Finfish	Crustaceans	Molluscs	Seaweed/ Macro algae		
Brown trout	Salmo trutta lacustris	986					
Channel catfish	Ictalurus punctatus	358					
Chilean mussel	Mytilus chilensis			386			
Chilean-Peruvian scallop	Argopecten purpuratus			383			
Chinook salmon	Oncorhynchus tshawytscha	340					
Cobia	Rachycentron canadum	357					
Coho salmon	Oncorhynchus kisutch	339					
Common carp	Cyprinus carpio	410					
Common dentex	Dentex dentex	443					
Common octopus	Octopus vulgaris			100944			
Common pandora	Pagellus erythrinus	841					
Common spiny lobster	Palinurus elephas		100150				
Corkwing wrasse	Crenilabrus melops	488					
Cuckoo wrasse	Labrus mixtus	491					
Dragon tiger grouper	Epinephelus fuscoguttatus × E. lanceolatus	100082					
European abalone	Haliotis tuberculata			422			
European flat oyster	Ostrea edulis			381			
European seabass	Dicentrarchus labrax	349					
Flathead grey mullet	Mugil cephalus	100092					
Giant river prawn	Macrobrachium rosenbergii		375				
Giant snakehead	Channa micropeltes	980					
Giant tiger prawn	Penaeus monodon		369				



		Aquaculture				
Product name	Scientific name	Finfish	Crustaceans	Molluscs	Seaweed/ Macro algae	
Gilthead seabream	Sparus aurata	350				
Goldsinny wrasse	Ctenolabrus rupestris	490				
Grass carp	Ctenopharyngodon idella	918				
Greasyback shrimp	Metapenaeus ensis		378			
Greater amberjack	Seriola dumerili	455				
Green mud crab	Scylla paramamosain		473			
Green mussel	Perna viridis			424		
Green tiger prawn	Penaeus semisulcatus		371			
Humpback grouper	Cromileptes altivelis	100081				
Hybrid striped bass	Morone saxatilis × M. chrysops	100149				
Indian white prawn	Penaeus indicus		373			
Japanese hard clam	Meretrix Iusoria			100151		
Japanese meagre	Argyrosomus japonicus	463				
Kuruma prawn	Penaeus japonicus		370			
Large-eye dentex	Dentex macrophthalmus	842				
Large yellow croaker	Larimichthys crocea	100000				
Leopard coral grouper	Plectropomus leopardus	100080				
Lumpfish	Cyclopterus lumpus	487				
Matrinxã	Brycon cephalus	356				
Meagre	Argyrosomus regius	367				
Mediterranean mussel	Mytilus galloprovincialis			388		
Mozambique tilapia	Oreochromis mossambica; O. mossambicus	345				



			Aquaculture				
Product name	Scientific name	Finfish	Crustaceans	Molluscs	Seaweed/ Macro algae		
New Zealand mussel	Perna canaliculus			389			
Nile tilapia	Oreochromis niloticus	344					
North African catfish	Clarias gariepinus	359					
Olive flounder	Paralichthys olivaceus	449					
Pacific abalone	Haliotis discus hannai			421			
Pacific cupped oyster	Crassostrea gigas			380			
Pacu	Piaractus mesopotamicus	353					
Pangasius basa	Pangasius bocourti	348					
Pangasius tra	Pangasianodon hypophthalmus	347					
Pikeperch/Zander	Sander lucioperca	411					
Pink dentex	Dentex gibbosus	451					
Pirapitinga	Piaractus brachypomus	451					
Piraputanga	Brycon hilarii	355					
Pirarucu	Arapaima gigas	840					
Pompano	Trachinotus ovatus	100083					
Rainbow trout	Oncorhynchus mykiss	342					
Red abalone	Haliotis rufescens			384			
Red drum	Sciaenops ocellatus	464					
Red porgy	Pagrus pagrus	445					
Red seabream	Pagrus major	100174					
Red swamp crawfish	Procambarus clarkii		376				
Red dulse	Palmaria palmata				100952		



			Aquaculture				
Product name	Scientific name	Finfish	Crustaceans	Molluscs	Seaweed/ Macro algae		
Red tilapia	Oreochromis mossambicus × O. niloticus	100949					
Redbanded seabream	Pagrus auriga	843					
Redspotted grouper	Epinephelus akaara	831					
Russian sturgeon	Acipenser gueldenstaedtii	99502					
Salmon trout	Salmo trutta trutta	341					
Sampa (vundu)	Heterobranchus longifilis	360					
Sand steenbras	Lithognathus mormyrus	456					
Sea grape/Moai caviar	Caulerpa lentillifera				100191		
Sea lettuce	Ulva lactuca				100190		
Senegalese sole	Solea senegalensis	482					
Sharpsnout seabream	Diplodus puntazzo	444					
Shi drum	Umbrina cirrosa	454					
Siberian sturgeon	Acipenser baerii	99501					
Silver carp	Hypophthalmichthys molitrix	919					
Smallmouthed wrasse	Centrolabrus exoletus	489					
Snubnose pompano	Trachinotus blochii	419					
South African abalone	Haliotis midae			100057			
Speckled prawn	Metapenaeus monoceros		374				
Spotted sorubim	Pseudoplatystoma corruscans	362					
Starry sturgeon	Acipenser stellatus	99504					
Sterlet sturgeon	Acipenser ruthenus	99505					
Sterlet sturgeon (albino)	Acipenser ruthenus	99506					



		Aquaculture				
Product name	Scientific name	Finfish	Crustaceans	Molluscs	Seaweed/ Macro algae	
Striped snakehead	Channa striata	100176				
Sugar kelp/Royal kombu	Saccharina latissima				100175	
Tambacu	Colossoma macropomum × Piaractus mesopotamicus	354				
Tambaqui	Colossoma macropomum	352				
Tumbacuchara	Anodontites trapezialis			100159		
Turbot	Scophthalmus maximus	368				
Wels catfish	Silurus glanis	361				
White grouper	Epinephelus aeneus	453				
White prawn	Penaeus merguiensis		377			
Whiteleg shrimp	Litopenaeus vannamei		372			
Yellowtail kingfish	Seriola lalandi	365				
Yellow croaker	Larimichthys polyactis	100001				
Yesso scallop	Patinopecten yessoensis			382		



## 2 COMPOUND FEED MANUFACTURING STANDARD

The scope of this standard covers all production steps from purchase, handling, and storage to processing and distribution of compound feed for food-producing animals. This excludes the production of ingredients like forage or grains (simple feed materials), premixes, additives, or medications (prepared feed supplements), etc. but covers the production of compound feeds (which can be complete or complementary) that may be produced using any or all of these ingredients as raw material.

*For mammalian and avian/poultry production*: The manufacturing of home-mixed compound feeds (i.e., compound feeds that do not leave the farm) and grazing/foraging for animals is not covered by this standard (see Table 4).

*For aquaculture production*: All compound feed, whether sourced internally or externally, shall follow the criteria of the aquaculture scope (see Table 4).

The production processes for feed for only those species listed under IFA for aquaculture can be registered for certification to the CFM standard.

#### Table 3 GLOBALG.A.P. product list for Compound Feed Manufacturing standard

	Compound feed			
Product name	Livestock	Aquaculture		
Compound feed for livestock	434			
Compound feed for aquaculture		433		

## 3 CHAIN OF CUSTODY STANDARD

The plants and aquaculture scopes are covered under the CoC standard. Certification to the CoC standard v6 is not per product but per product category.

For the CoC standard v6 the following "products" relate to the different scopes and product categories (see Table 4):

- a) CoC for plants
  - (i) CoC for plants fruit and vegetables
  - (ii) CoC for plants– flowers and ornamentals



(iii) CoC for plants – hops

# b) CoC for aquaculture

- c) CoC for compound feed for livestock
- d) CoC for compound feed for aquaculture

# Table 4 GLOBALG.A.P. product list for CoC for plants scope, aquaculture scope, and the CFM standard

		Plants	(produ	ct catego	ries)
Product name	Fruit and vegetables				Hops
Chain of Custody for plants – fruit and vegetables	100065				
Chain of Custody for plants – flowers and ornamentals	100067				
Chain of Custody for plants – hops	100070		00070		
	Aquaculture				
Product name	Finfish	Crust	aceans	Molluscs	Seaweed/ Macro algae
Chain of Custody for aquaculture	479	479		479	479
	Compound feed				
Product name	Liv	estock	(	Aqı	uaculture
Chain of Custody for compound feed for livestock	100077				
Chain of Custody for compound feed for aquaculture	10078				



## 4 VERSION/EDITION UPDATE REGISTER

New document	Replaced document	Date of publication	Description of modifications
GLOBALGAP_product_list_v		26 July 2022	Added HPSS to section 1.1.1.3
6_0_Jul22_en	_list_v6_0_Apr22_en		Edamame was missing from this list, added.
			Hop shoot moved to product category fruit and vegetables from 1 October 2022
			Scope: Plants – Table 1:
			Addition of products to the product category fruit and vegetables: Blackthorn fruit (ID 100945)
			Scope Aquaculture: Table 3
			Addition of products to the scope aquaculture:
			Added under Molluscs: Common octopus (ID 100944)
GLOBALGAP_product_list_v 6_0_Mar23_en	GLOBALGAP_product _list_v6_0_Jul22_en	10 March 2022	Hop shoot moved to product category fruit and vegetables from 1 October 2022. Clarification also added at the end of Table 1.
			Edible chrysanthemum readded as a separate product.
			Added <i>Musa paradisiaca</i> under "Plantain."
			Walnuts and onions changed to singular.
			Citrus leaf, grape leaf, flat peach and flat nectarines removed from this document as they are no longer valid.
			Corrected scientific name of Hart's pennyroyal (herb); Luffa.



New document	Replaced document	Date of publication	Description of modifications
			Lemon stardust moved to "Edible flower" from <b>1 June 2023.</b>
			"Common bean" changed to "Green bean" and scientific name updated to " <i>Phaseolus vulgaris.</i> "
			"Peruvian mint" changed to "Peruvian mint/Huacatay."
			Scope: Plants – Table 1:
			Addition of products to the product category fruit and vegetables: Astragalus/Milk vetch (ID 100947)
			Addition of products to the product category flowers and ornamentals:
			Bulb (end product to end consumer) (ID 100950)
			Scope: Aquaculture – Table 3:
			Addition of products to the scope aquaculture:
			Red dulse (ID 100952)
			Red tilapia (ID 100949)
GLOBALGAP product list v	GLOBALGAP product	27 July 2023	Corrected scientific name of Philippine lime/calamondin
6_0_Jul23_en	_list_v6_0_Mar23_en		Added another species under common mallow (herb)
			Added macro algae next to seaweed, e.g., seaweed/macro algae for clarification
			Scope: Plants – Table 1:
			Addition of products to the product category fruit and vegetables:



New document	Replaced document	Date of publication	Description of modifications
			citrofortunella fruit (ID 100955); skirret (ID 100956); strawberry guava (ID 100958)

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