

The Novel Food status Catalogue (New) (https://food.ec.europa.eu/safety/novel-food/novel-food-status-catalogue_en) is a non-binding tool that lists products of animal and plant origin, algal species, food cultures and other substances subject to the Novel Food Regulation, based on information provided by the EU Member States. This should be read in conjunction with the [Union list of novel foods](#). In simple words, it is a tool to check if a product can be put on the EU market as food or food supplement, or it has to be authorised by the EU because it is Novel and as such has to pass a safety assessment. Algae products in the Catalog include more than 60 entries covering several species of microalgae and seaweed whole biomass and products derived thereof (extracts, oils).

There are six possibilities for a generic algal product, a Food Business Operator (FOB) is interested in:



1. The product is listed in the Catalog as **"Not novel in food"**, i.e. it was present in EU people diet before 1997 and is recognised as safe. It is a "normal" food, and its access to the market is not subject to the pre-market authorisation in accordance with Regulation (EU) 2015/2283. Example: wheat (*Triticum aestivum* L.) seeds; spirulina biomass



2. The product is listed as **"Not novel in food supplements"**. According to the information available to Member States' competent authorities, this product was used in food supplements in the EU before 15 May 1997. Therefore, its use in food supplements is not considered to be novel and is not subject to the pre-market authorisation in accordance with Regulation (EU) 2015/2283. Any other food uses of this product, other than as, or in, food supplements, might be considered to be novel and consequently might need to be authorised pursuant to the requirements of the Novel Food Regulation (EU) 2015/2283 before they can be placed as food on the EU market. Example: wheat aerial parts; *Haematococcus* biomass.



3. The product is listed as **"Authorised Novel Food"** This is an authorised novel food and it has been included in the Union list established by Commission Implementing Regulation (EU) 2017/2470. **The authorisation for the novel food in the Union list https://food.ec.europa.eu/safety/novel-food/authorisations/union-list-novel-foods_en identifies under what conditions of use (table 1) and specifications (table 2) this novel food can be placed on the EU market.** Example: Wheat bran extract; Tetraselmis biomass.



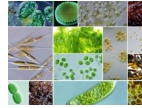
4. The product is listed **"Novel Food"**. According to the information available to Member States' competent authorities, this product was not consumed in the EU to a significant degree as a food before 15 May 1997. Therefore, a pre-market authorisation in accordance with Regulation (EU) 2015/2283 is required before it can be placed as food on the EU market. Example: Fermented (fermentation with baker's yeast) wheat germ extract, *Chlamydomonas reinhardtii* biomass.



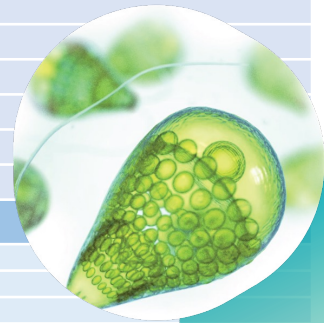
5. The product is listed **"Subject To A Consultation Request"** - This product is currently the subject of a consultation request to a Member State submitted pursuant to the requirements of [Implementing Regulation \(EU\) 2018/456](#) on the procedural steps of the consultation process for determination of novel food status.

6. The product is not listed in the Catalog: it is the FOB responsibility to comply with Regulation (EU) 2015/2283. When a food business operator is unsure about a food as novel, they shall consult the competent authorities of the EU country where they first intend to place the food on the market. In doing so, the provisions on Commission Implementing Regulation (EU) 2018/456 should be followed.

EABA Members please contact EABA for any additional details or explanations



Microalgae species			Notes
NEW ENTRIES IN THE NOVEL FOOD CATALOG https://ec.europa.eu/food/food-feed-portal/screen/novel-food-catalogue/search			
<i>Chlorella sorokiniana</i> Shihira & R.W.Krauss 1965	Not novel in food	FI	already published
<i>Dunaliella salina</i> (Dunal) Teodoresco 1905	Not novel in food supplements	FS	from BELFRIT - Belgium - France - Italy food supplements list published in the national OJ
<i>Graesiella emersonii</i> (Shihira & R.W.Krauss) H.Nozaki, M.Katagiri, M.Nakagawa, K.Aizawa & M.M.Watanabe 1995	Not novel in food	FI	previously <i>Chlorella emersonii</i>
<i>Haematococcus lacustris</i> (Girod-Chantrons) Rostafinski 1875	Not novel in food supplements	FS	from BELFRIT, should be listed <i>pluvialis</i> , the most common name
<i>Jaagichlorella luteoviridis</i> (Chodat) Darienko & Pröschold 2019 <i>Chlorella luteoviridis</i>	Not novel in food	FI	already published
<i>Limnospira fusiformis</i> (Voronichin) Nowicka-Krawczyk, Mühlsteinová & Hauer 2019	Not novel in food	FI	formerly <i>Arthrospira</i> (<i>spirulina</i>)
<i>Limnospira indica</i> (Desikachary & N.Jeeji Bai) Nowicka-Krawczyk, Mühlsteinová & Hauer 2019	Not novel in food supplements	FS	formerly <i>Arthrospira</i> (<i>spirulina</i>)
<i>Limnospira maxima</i> (Setchell & N.L.Gardner) Nowicka-Krawczyk, Mühlsteinová & Hauer 2019	Not novel in food supplements	FS	formerly <i>Arthrospira</i> (<i>spirulina</i>)
<i>Parachlorella kessleri</i> (Fott & Nováková) Krienitz, E.H.Hegewald, Hepperle, V.Huss, T.Rohr & M.Wolf 2004	Not novel in food	FI	already published
<i>Scenedesmus vacuolatus</i> Shihira & Krauss	Not novel in food	FI	the current name is <i>Coelastrella vacuolata</i> (I. Shihira & R.W. Krauss) Hegewald & N. Hanagata
<i>Spirulina major</i> Kützing ex Gomont 1892	Not novel in food	FI	<i>spirulina</i> sp. covers almost everything in the genus <i>Arthrospira</i> , now <i>Limnospira</i> , already in the catalog
PREVIOUSLY ALREADY IN THE NOVEL FOOD CATALOG			
<i>Aphanizomenon flos-aquae</i> Ralfs ex Bornet & Flahault 1886	Not novel in food supplements	FI	two entries in NFC for the same species
<i>Arthrospira platensis</i> Gomont 1892	Not novel in food	FI	= <i>Oscillatoria platensis</i> (Gomont) Bourrelly 1970; <i>Spirulina platensis</i> (Gomont) Geitler 1925]
<i>Auxenochlorella protothecoides</i> (Krüger) Kalina & Puncová 1987	Not novel in food	FI	
<i>Chlorella vulgaris</i> Beyerinck [Beijerinck] 1890, <i>Chlorella pyrenoidosa</i> , <i>Jaagichlorella luteoviridis</i>	Not novel in food	FI	<i>Chlorella</i> sp. is present in NFC
<i>Euglena gracilis</i> G.A.Klebs 1883	Whole: authorized novel food (Union list)	FI	
<i>Odontella aurita</i> (Lyngbye) C.Agardh 1832	Whole: authorized novel food (Union list)	FI	
<i>Tetraselmis chui</i> Butcher 1959	Whole: authorized novel food (Union list)	FI, FS	
<i>Auxenochlorella pyrenoidosa</i> (H. Chick) Molinari & Calvo-Pérez 2015	Not novel in food	FI	[= <i>Chlorella pyrenoidosa</i> H. Chick 1903]
ALGAL NF PRODUCTS IN THE UNION LIST			
Astaxanthin-rich oleoresin from <i>Haematococcus pluvialis</i> algae	Food Supplement		Astaxanthin-rich oleoresin from <i>Haematococcus lacustris</i> (the current name)
<i>Odontella aurita</i>	Food		<i>Odontella aurita</i>
<i>Schizochytrium</i> sp. oil rich in DHA and EPA	Food, FS		'DHA and EPA-rich oil from the microalgae <i>Schizochytrium</i> sp.'
<i>Schizochytrium</i> sp. (ATCC PTA-9695) oil	Food, FS		'oil from the microalgae <i>Schizochytrium</i> sp.'
<i>Schizochytrium</i> sp. (FCC-3204) oil	Infant formula, FS		'oil from the microalgae <i>Schizochytrium</i> sp.'
<i>Schizochytrium</i> sp. oil	Food, FS		'oil from the microalgae <i>Schizochytrium</i> sp.'
<i>Schizochytrium</i> sp. (T18) oil	Food, FS		'oil from the microalgae <i>Schizochytrium</i> sp.'
<i>Schizochytrium</i> sp. (WZU477) oil	Infant formula		'oil from the microalgae <i>Schizochytrium</i> sp.'
Algal oil from the microalgae <i>Ulkenia</i> sp.	Food		'oil from the micro-algae <i>Ulkenia</i> sp.'
<i>Euglena gracilis</i>	Food, FS		'dried biomass of <i>Euglena gracilis</i> algae'.
<i>Tetraselmis chui</i>	Food, FS		'dried microalgae <i>Tetraselmis chui</i> '



Macroalgae species			Notes
NEW ENTRIES IN THE NOVEL FOOD CATALOG https://ec.europa.eu/food/food-feed-portal/screen/novel-food-catalogue/search			
<i>Asidium helminthochorton</i> (Schwendimann) Kützing 1843	Not novel in food supplements	SW FS	
<i>Corallina officinalis</i> L. 1758	Not novel in food supplements	SW FS	FROM BELFRIT
<i>Durvillaea antarctica</i> (Chamisso) Hariot 1892	Not novel in food supplements	SW FS	FROM BELFRIT, kind of FUCUS
<i>Ecklonia cava</i> Kjellman 1885	Whole: not novel in food supplements.	SW FS	<i>Ecklonia cava</i> phlorotannins - authorized novel food as FS (included in Union list)
<i>ErythroGLOSSUM laciniatum</i> (Lightfoot) Maggs & Hommersand 1993	Not novel in food	SW FS	
<i>EuCheuma denticulatum</i> (N.L.Burman) Collins & Hervey 1917	Not novel in food supplements	SW FS	
<i>EuCheuma horridum</i> J. Agardh 1852	Not novel in food supplements	SW FS	
<i>Gelidium amansii</i> (J.V. Lamouroux) J.V.Lamouroux 1813	Not novel in food	SW FS	
<i>Gelidium corneum</i> (Hudson) J.V.Lamouroux 1813	Not novel in food	SW FS	
<i>Gracilaria gracilis</i> (Stackhouse) M. Steentoft, L.M. Irvine & W.F. Farnham 1995	Not novel in food supplements	SW FS	
<i>Laminaria hyperborea</i> (Gunnerus) Foslie 1885	Not novel in food	SW FI	status uprated from FS to FI
<i>Macrocystis pyrifera</i> (L.) C. Agardh 1820	Not novel in food supplements	SW FS	Giant kelp
<i>Mastocarpus stellatus</i> (Stackhouse) Guiry 1984	Not novel in food supplements	SW FS	
<i>Neopyropia leucosticta</i> (Thuret) L.-E.Yang & J.Brodie 2020	Not novel in food	SW FI	the correct name is now <i>Pyropia leucosticta</i> (Thuret) Neefus & J.Brodie
<i>Porphyra dioica</i> J.Brodie & L.M.Irvine 1997	Not novel in food	SW FI	<i>Porphyra tenera</i> already in the NFC
<i>Porphyra purpurea</i> (Roth) C.Agardh 1824	Not novel in food	SW FI	
<i>Porphyra umbilicalis</i> Kützing 1843 <i>ErythroGLOSSUM laciniatum</i> (Lightfoot) Maggs & Hommersand 1993	Not novel in food	SW FI	
<i>Pyropia yezoensis</i> (Ueda) M.S.Hwang & H.G.Choi 2011	Not novel in food	SW FI	
<i>Saccharina japonica</i> (Areschoug) C.E.Lane, C.Mayes, Druehl & G.W.Saunders 2006	Not novel in food	SW FI	
<i>Sargassum fusiforme</i> (Harvey) Setchell 1931	Not novel in food	SW FI	status uprated from FS to FI
<i>Ulva intestinalis</i> Linnaeus 1753	Not novel in food	SW FI	
PREVIOUSLY ALREADY IN THE NOVEL FOOD CATALOG			
<i>Alaria esculenta</i> (Linnaeus) Greville 1830	Not novel in food	SW FI	NOT NEW ADDITION
<i>Ascophyllum nodosum</i> (Linnaeus) Le Jolis 1863	Not novel in food	SW FI	= <i>Fucus nodosus</i> Linnaeus 1753; <i>Ascophyllum laevigata</i> Stackhouse 1809, <i>Ozohallila nodosa</i> , <i>Ozothallia nodosa</i> , <i>Physocaulon nodosum</i>
<i>Chondrus crispus</i> Stackhouse 1797,	Not novel in food	SW FI	
<i>Mastocarpus stellatus</i> (Stackhouse) Guiry 1984	Not novel in food	SW FI	
<i>Eisenia bicyclis</i> (Kjellman) Setchell 1905	Not novel in food	SW FI	
<i>Fucus serratus</i> L. 1773	Not novel in food	SW FI	
<i>Fucus spiralis</i> L. 1753	Not novel in food	SW FI	
<i>Fucus vesiculosus</i> L. 1773	Not novel in food	SW FI	
<i>Gracilariopsis longissima</i> (S.G.Gmelin) Steentoft, L.M.Irvine & Farnham1995	Not novel in food	SW FI	
<i>Himantalia elongata</i> (L.) S.F. Gray 1821	Not novel in food	SW FI	
<i>Laminaria digitata</i> (Hudson) J.V. Lamouroux 1813	Not novel in food	SW FI	
<i>Pyropia tenera</i> (Kjellman) N.Kikuchi, M.Miyata, M.S.Hwang & H.G.Choi 2011	Not novel in food	SW FI	Synonym of <i>Porphyra tenera</i> , in the NFC already
<i>Palmaria palmata</i> (Linnaeus) F.Weber & D.Mohr 1805 <i>Rhodymenia palmata</i>	Not novel in food	SW FI	
<i>Phymatolithon calcareum</i> (Pallas) W.H.Adey & D.L.McKibbin ex Woelkerling & L.M.Irvine 1986	Not novel in food	SW FI	Synonym of <i>Lithothamnion calcareum</i> , in the NFC already
<i>Saccharina latissima</i> (L.) C.E.Lane, C.Mayes, Druehl & G.W.Saunders2006	Not novel in food	SW FI	
<i>Ulva lactuca</i> Linnaeus 1753 <i>Porphyra purpurea</i> (Roth) C. Agardh 1824	Not novel in food	SW FI	
<i>Undaria pinnatifida</i> (Harvey) Suringar 1873	Not novel in food	SW FI	

