Algae Biomass Exchange
August 2020 – Update

The Algae Biomass Exchange is a meeting place for qualified algae/seaweed producers and potential off-takers for Omega 3 EPA/DHA - astaxanthin, cosmetics, pigments, food, beverage mixes, animal feeds, biofertilizer and bioplastics.

*Samples and tonnage of algae biomass available with Certificates of Analysis.

REQUESTS FOR BIOMASS

Need: Algae with high starch content
Need: Ascophyllum nodosum
Need: Asparagopsis taxiformis and Asapragopsis armata
Need: Aphanizomenon flos-aquae
Need: Arthrospira Platensis
Need: Astaxanthin 400-1000kg Astaxanthin Oleoresin 10% and more
Need: Astaxanthin Oleoresin (10%)
Need: Astaxanthin Oleoresin 5% uncracked HP biomass astaxanthin (4%)
Need: Astaxanthin (1.5%)
Need: Chlamydomonas
Need: Chlorella - cracked wall cell
Need: Chlorella Powder
Need: Chlorella or Spirulina Fish Feed Grade
Need: Compounded thermoplastic resin pellets
Need: DHA 350mg per gram
Need: Dunaliella salina
Need: EPA 150mg per gram
Need: Isochrysis
Need: Nannochloropsis gaditana
Need: Organic Spirulina Wet Paste 800 pounds per month
Need: Organic Spirulina Dry 500 Kilos/month
Need: Phaeodactylum biomass - tonnage
Need: Prophyrhidium extract (red), Prasinococcus capsualtus (green).
Need: Prasinococcus capsualtus (green).
Need: Red and/or Brown Macroalgae (100-200 lbs per week)
Need: N.salina, 12-15wt% slurry for research purpose (5 gallons)
Need: Sargassum muticum
Need: Schizochytrium heterotrophic microalgae rich in EPA or DHA
Need: Spirulina -- 800 lbs. of fresh Spirulina paste per month
Need: Spirulina Powder
Need: Uncracked paste to ship frozen by ground. Can lead to a monthly purchase.
*Looking for existing commercial algae producers currently using closed-loop PBR's for turn-key opportunity with off-take contracts.
Organism: Green algae or diatoms
GMO: Yes
Biomolecule produced by algae: CBD
Output:
Quantity: min 450mT per year DWT
Percent dry: 5% water content
Form: Powder
Need: 1,000 metric tons annually of algae high in EPA.
(without DHA and ARA).

AVAILABLE BIOMASS

Available: Organic Aphanizomenon flos-aquae
Available: Aquaculture feed grade Tisochrysis lutea, Chaetoceros muelleri, Thalassiosira wessflogii and Tetraselmis
Available: Astaxanthin Oleoresin 10%
Available: Astaxanthin Oleoresin 5%
Available: Astaxanthin Powder 5%
Available: Biomass-Powder from Haematococcus pluvialis with 5% Astaxanthin 2000 kg available
Available: Astaxanthin Powder 5%
Available: Astaxanthin Powder 2%
Available: Botryococcus Braunii (type) B
Available: Chlorella powder & tablets - standard
Available: Chlorella powder & tablets - high vitamin B12
Available: Chlorella Powder
Available: Cold-Water-Dispersible beadlets from Haematococcus pluvialis with 2,5% Astaxanthin 300 kg
Available: DHA algal oil (550mg/g as FA) first quarter 2018
Available: DHA algal oil (350mg/g as FA)
Available: DHA Powder and Oil
Available: Dunaliella Salina
Available: Whole algae protein+EPA Omega-3 powder, EPA Omega-3 Crude Oil Extract
Available: Nannochloropsis - 4000 liters per month today, expanding to 150 metric tones
Available: Haematococcus pluvialis Oleoresin (10%) Astaxanthin
Available: Haematococcus pluvialis Oleoresin (5%) Astaxanthin
Available: Haematococcus pluvialis Oleoresin (5%) Astaxanthin - 100 kg Available
Available: Haematococcus pluvialis (Hp) Biomass (4%) Astaxanthin - One or more tons
Available: Haematococcus pluvialis (Hp) Biomass (4%) Astaxanthin
Available: Haematococcus pluvialis (Hp) Biomass (3%) Astaxanthin
Available: Haematococcus pluvialis (Hp) Biomass (3%) Astaxanthin - 250 kg Available
Available: Haematococcus pluvialis (Hp) Biomass (1.5% Astaxanthin)
Available: Isochrysis
Available: Isochrysis
Available: Nannochloropsis - 70 tons per year
Protein content (on dry weight basis) is 45% and the lipid content 17 to 18%. EPA percentage is about 4% of the total dry weight (=35% of the fatty acids)
Available: Nannochloropsis_sp. Powder 5 tons
Available: Nannochloropsis gaditana powder - 3,000 tons
(GMP+, ISO22000 and Kosher certified for food application)
Available: Oleoresin from Haematococcus pluvialis with 10% Astaxanthin 800 kg available
Available: Oleoresin from Haematococcus pluvialis with 5% Astaxanthin 300 kg available
Available: Phaeodactylum biomass
Available: Spirulina Powder (Certified Organic)
Available: Spirulina (fresh and frozen)
Available: Spirulina - 60 tons
Available: Spirulina - 60-65% protein - 3,000 tons per year
Available: Spirulina - 2 tons per month
Available: Spirulina Powders, compounds and foams)
Available: Algae biomass pellets - Compounded thermoplastic resin pellets (used for co-extrusion, coating
Available: 1.2 - 1.5 tons of HP biomass containing roughly 40kgs of Astaxanthin
(Material is frozen, still needs cracked and dried)
Available: Feed grade biomass has minimum Astaxanthin potency of 4.5%

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