



# Algae Biomass Exchange

Sept. 2021 – 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, ingredients, beverage mixes, animal feeds, biofertilizer and potential bioplastics. (see below)

Note: Samples and tonnage of algae biomass available with Certificates of Analysis.

For further information contact: [barry@nationalalgaeassociation.com](mailto:barry@nationalalgaeassociation.com)

## REQUESTS FOR BIOMASS

Need: Algae with high starch content

Need: *Ascophyllum nodosum*

Need: *Asparagopsis* – 200 tons dry-weight annually

Need: *Asparagopsis taxiformis* and *Asparagopsis 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: *Euglena Gracilis* - for extracted protein

Need: *Haematococcus pluvialis* – red color, greater than 10% concentration, plus not staining.

Need: *Isochrysis*

Need: *Nannochloropsis gaditana*

Need: Nodosum Seaweed – 3 metric tons of soluble powder

Need: Organic Spirulina Wet Paste 800 pounds per month

Need: Organic Spirulina Dry 500 Kilos/month

Need: *Phaeodactylum* biomass – tonnage

Need: Phycocyanin extract with Organic Certification

Need: *Prophyridium* extract (red), *Prasinococcus capsuatus* (green).

Need: *Prasinococcus capsuatus* (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 extract with Organic Certification  
Need: Spirulina -- 800 lbs. of fresh Spirulina paste per month  
Need: Spirulina - 100 Kg leading to 1 metric ton.  
Need: Spirulina 1,000 kg of food grade spirulina and 1,500 Kg feed grade – tonnage  
Need: EPA 150mg per gram  
Need: Euglena Gracilis - for extracted protein  
Need: Haematococcus pluvialis – red color, greater than 10% concentration, plus not staining.  
Need: Isochrysis  
Need: Nannochloropsis gaditana  
Need: Nodosum Seaweed – 3 metric tons of soluble powder

Need: Organic Spirulina Wet Paste 800 pounds per month  
Need: Organic Spirulina Dry 500 Kilos/month  
Need: Phaeodactylum biomass – tonnage  
Need: Phycocyanin extract with Organic Certification  
Need: Prophyridium 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 extract with Organic Certification  
Need: Spirulina -- 800 lbs. of fresh Spirulina paste per month  
Need: Spirulina - 100 Kg leading to 1 metric ton.  
Need: Spirulina 1,000 kg of food grade spirulina and 1,500 Kg feed grade – tonnage

- Need: Spirulina producer looking to expand operations exponentially and would consider purchasing farms of various sizes across the United States. Minimum production must be in excess of 1,500 Kilograms (3,300 pounds) a month. Interested in high quality Spirulina for human consumption whether it be fresh raw, frozen or dry 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 weissflogii and Tetraselmis

Available: Asparagopsis taxiformis

Available: Astaxanthin Oleoresin 10%

Available: Astaxanthin Oleoresin 5%

Available: Astaxanthin Powder 5%

Available: Biomass-Powder from Haematococcus pluvialis with 5% Astaxanthin 2.000 kg available

Available: Astaxanthin Powder 5%

Available: Astaxanthin Powder 2%

Available: Botryococcus Braunii (type) B

Available: Chlorella – tonnage

Available: Chlorella powder & tablets - standard

Available: Chlorella powder & tablets - high vitamin B12

Available: Chlorella powder– non-broken cell

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: Euglena powder - tonnage

Available: Euglena powder – non extracted powder

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 tons

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: ULVA - seaweed with COA

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%

For further information contact: [barry@nationalalgaeassociation.com](mailto:barry@nationalalgaeassociation.com)