

# National Seaweed Nursery Directory

The purpose of this directory is to identify available sources of seaweed (macroalgae) seed for cultivation in the United States. The directory includes facility contact information, available species and other factors related to seaweed seed sources. Updated annually, this directory will serve as a valuable resource to current and prospective farmers, regulatory authorities, and researchers across the country. Please note, this directory only reflects facilities that have chosen to opt-in, and therefore, is not a complete list of all sources. For further inquiries or changes to the directory, please contact Anoushka Concepcion at: [anoushka.concepcion@uconn.edu](mailto:anoushka.concepcion@uconn.edu). Please consult state-specific regulations or regulatory authorities before placing orders for seaweed seed stock to ensure sourcing complies with current regulation or guidance.

<a href="#">ALASKA</a>	<a href="#">CALIFORNIA</a>	<a href="#">CONNECTICUT</a>
<a href="#">MAINE</a>	<a href="#">MASSACHUSETTS</a>	<a href="#">NEW YORK</a>
	<a href="#">RHODE ISLAND</a>	

Alaska				
Business Details	Species	Order and Shipping	Specifications	End use and other descriptors
Alaska Ocean Farms Hatchery 1088 Sawmill Circle Kodiak, Alaska 99615 Contact: Lexa Meyer, Hatchery Manager (907) 942-4366 <a href="mailto:lexa@alaskaoceanfarms.com">lexa@alaskaoceanfarms.com</a> Commercial and research	Dragon Kelp ( <i>Eularia fistulosa</i> ); Dulse/Red Ribbon ( <i>Palmaria mollis</i> ); Giant Kelp ( <i>Macrocystis pyrifera</i> ); Ribbon Kelp ( <i>Alaria marginata</i> ); Sugar Kelp ( <i>Saccharina latissima</i> ); Bull Kelp ( <i>Nereocystis luetkeana</i> ). Other large brown kelps on an R&D basis, kelp gametophyte cultures on an experimental basis	<b>Orders:</b> year-round. <b>Availability:</b> For fall out planting we will need notification by June 30 <sup>th</sup> ; seed available on a first-come first served basis with priority given to orders over 9,600 ft. Alaska orders only! <b>Shipping:</b> will ship statewide on AK airlines.	<b>Specifications:</b> Seed spools contain 400 ft of kelp seed line, PVC spools are 4" D x 15" L, Holdfast poly twine. Can use other seed spool sizes but you will be responsible for providing the spools wound with seed line and shipping to and from the hatchery in Kodiak.	Human food, nutraceuticals, bio stimulants/fertilizer, animal feed, research, product development
Alutiiq Pride Marine Institute 101 Railway Avenue Seward, Alaska 99664 907 362 2378 Jeff Hetrick (Chugach Regional Resource Commission) <a href="http://Alutiiqprideak.org">Alutiiqprideak.org</a> Commercial Facility	Bull Kelp, Sugar Kelp, Ribbon Kelp	<b>Orders Start:</b> June <b>Availability:</b> October - December <b>Shipping:</b> Preference: pick it up; shipping available	<b>String Type:</b> Synthetic <b>Seed Length:</b> 120ft <b>Additional considerations:</b> Alaska regulations require sori to be sourced from within 50 km of a farm site.	<b>End-use:</b> under market development
Fisherman Fresh Hatchery PO Box 345, Seward, AK 99664; (907) 414-1556	<i>Nereocystis luetkeana</i> , <i>Alaria marginata</i> , <i>Saccharina latissima</i> , <i>Palmaria sp.</i> (Dulse),	<b>Orders Start:</b> August or earlier <b>Availability:</b> October -	<b>String Type:</b> Seine twine <b>Seed Length:</b> Approximately 100ft	Food and fertilizer

<p>Briana Murphy, Hatchery Manager Instagram: @mothersofmillion.llc Facebook: @Fisherman Fresh // Mothers of Millions <i>Commercial Facility</i></p>	<p><i>Pyropia sp.</i> (Nori) (Currently, FFH is licensed for the above-mentioned species, but could expand based on farmer requests)</p>	<p>December <b>Shipping:</b> Yes</p>	<p><b>Additional considerations:</b> Preference - growers provide sori for propagation; FFH may provide the option to secure sori for an additional cost (contact for more information)</p>	
<p>Prince William Sound Science Center Mariculture Hatchery 700 New England Cannery Rd. Cordova, AK 99574 907-424-5800 Alysha Cypher, <a href="mailto:acypher@pwssc.org">acypher@pwssc.org</a> 907-424-4258 <i>Commercial and research</i></p>	<p>Sugar, ribbon, and bull kelp</p>	<p><b>Orders:</b> June-July <b>Availability:</b> September to November <b>Shipping:</b> can ship and offer pick-up option</p>	<p><b>String type:</b> synthetic 1mm twine <b>Seed length:</b> 200ft <b>Additional considerations:</b> must provide your own sori</p>	<p>Food grade or research purposes</p>
<p>UAF Lena Point Hatchery 17101 Point Lena Loop Rd, Juneau, AK 99801 Michael Stekoll <a href="mailto:msstekoll@alaska.edu">msstekoll@alaska.edu</a> 907-723-0058 <i>Research and Commercial</i></p>	<p><i>Saccharina latissima, Alaria marginata, Nereocystis luetkeana, Saccharina groenlandica</i></p>	<p><b>Orders start:</b> before August <b>Availability:</b> November to February <b>Shipping:</b> Seed string is shipped via Gold Streak or FedEx</p>	<p><b>String type:</b> cremona, Holdfast, hemp, sisal and silk <b>Seed length:</b> Standard is 200 ft per spool, can accommodate shorter spool lengths <b>Additional considerations:</b> Growers need to provide sori, but the hatchery has to apply for the permit; no minimum on orders;</p>	<p><b>End use:</b> Food grade <b>Other descriptors:</b> We are available to do cooperative research with commercial farmers</p>

California				
Business Details	Species	Order and Shipping	Specifications	End use and other descriptors
<p>Cal Poly Humboldt 570 Ewing Street, Trinidad, California 95570; Phone: 707-826-4233 Rafael Cuevas Uribe <a href="mailto:Email Rafael">Email Rafael</a> <i>Research and educational facility</i></p>	<p>Bull kelp, Pacific dulse, <i>Alaria</i> and <i>Ulva sp.</i></p>	<p><b>Orders Start:</b> 3 months advanced notice <b>Shipping:</b> Pickup only</p>	<p><b>String Type:</b> synthetic <b>Seed Length:</b> We can accommodate customer needs <b>Additional considerations:</b> Limitations on the maximum or minimum volume per order – please contact us for more information;</p>	<p>Fertilizer and research</p>

<p>Monterey Bay Seaweeds 1320 Patch Court, Marina, CA 93933; Phone: 831-224-3444 Daniel Gossard <a href="mailto:Dan@montereybayseaweeds.com">Email Dan</a> Website: <a href="http://Montereybayseaweeds.com">Montereybayseaweeds.com</a> Commercial facility</p>	<p><i>Macrocystis pyrifera</i> (Giant Kelp), <i>Nereocystis luetkeana</i> (Bull Kelp), and <i>Alaria marginata</i> (Ribbon Kelp)</p>	<p><b>Orders Start:</b> On demand; place orders 3 months in advance <b>Availability:</b> Any time of year; Seed-stock of ~3cm individuals for suspension cultures are available on <b>Limitations:</b> No seed string or spools <b>Shipping:</b> We ship via Fedex Priority Overnight (cheapest available shipping); orders can be picked up by arrangement</p>	<p>We propagate our own stock</p> <p><b>String Type:</b> <u>No seeded string or spools</u> – only solutions for tumble-culture</p> <p><b>Additional considerations:</b> Service arrangement required; We currently sell at no less than 10,000 individuals per order, number likely to change, in increments of 10,000</p>	<p>Food (fresh seaweed for culinary purposes); We provide seed-stock solutions for land-based tumble culture</p>
<p>Holdfast Aquaculture , LLC 2451 Signal Street, Berth 59, San Pedro CA 90731 <a href="mailto:holdfastaq@gmail.com">holdfastaq@gmail.com</a> Diane Kim (CEO): 213-820-9191; (holdfastaq@gmail.com) OR Nathan Churches (CSO): 360 870-8589 (ndchurches@gmail.com; <a href="mailto:nathan@holdfastaq.com">nathan@holdfastaq.com</a>)  Website: <a href="http://www.holdfastaq.com">www.holdfastaq.com</a>  Commercial production and research facility</p>	<p><i>Macrocystis pyrifera</i> (Giant Kelp), <i>Nereocystis luetkeana</i> (Bull Kelp), open to other species (please contact for more information)</p>	<p><b>Orders Start:</b> two month advance orders are best; may be able to accommodate shorter schedules. <b>Availability:</b> We have access to seed banks/stores of Kelp sporophytes; and can likely work for a variety of time-windows, please inquire about your project. <b>Shipping:</b> in-person pick up preferred; can accommodate shipping preferences</p>	<p><b>String type:</b> Multiple varieties <b>Seed length:</b> can produce lengths from 25-100'; can accommodate longer lengths <b>Additional considerations:</b> We operate a land-based recirculating hatchery in Los Angeles, and have a commercial-scale long-line operation in Humboldt Bay where space can be rented or considered for collaborative efforts.</p>	<p>Food is most common (CDPH certified hatchery); conservation efforts and research</p>

Connecticut				
Business Details	Species	Order and Shipping	Specifications	End use and other descriptors
<p>GreenWave 315 Front Street New Haven, CT 860-858-1529 team@greenwave.org <a href="https://www.greenwave.org/">https://www.greenwave.org/</a> Non-profit, commercial facility</p>	<p>Sugar kelp (<i>Saccharina latissima</i>)</p>	<p><b>Orders Start:</b> July-September <b>Availability:</b> October-December <b>Limitations:</b> minimum 400ft <b>Shipping:</b> pickup</p>	<p><b>String Type:</b> nylon <b>Seed Length:</b> 400 linear feet of seed string per spool <b>Additional considerations:</b> Seed sourced from the Southern New England/ Long Island Sound region.</p>	<p>food/fertilizer</p>

Maine				
Business Details	Species	Orders and Shipping	Specifications	End use and other descriptors
<p>Atlantic Sea Farms Seaweed Cultivation Center 20 Pomerleau Street, Biddeford Maine 04032 Thew Suskiewicz <a href="https://atlanticseafarms.com">https://atlanticseafarms.com</a> Commercial Facility</p>	<p><i>Saccharina latissima</i>, <i>Saccharina angustissima</i>, <i>Alaria esculenta</i>, <i>Laminaria digitata</i></p>	<p><b>Orders Start:</b> 6-8 weeks prior to delivery within typical cultivation season. (Larger orders may require longer lead times) <b>Availability:</b> October – December. Extension beyond listed time-frame will be upon request and with advanced notice <b>Limitations:</b> min 200ft , max 200,000ft <b>Shipping:</b> shipping available, additional costs apply</p>	<p><b>String Type:</b> Both organic certified and conventional spools. (Organic certification is through MOFGA) <b>Seed Length:</b> 200ft, 333ft and 500ft. Custom lengths are available upon request. <b>Additional considerations:</b> Propagated from our own region-specific genetic stock for out-plant into Maine state waters in accordance with DMR requirements. Spools transported out-of-state will be subject to different state regulations. Prospective buyers outside Maine and/or who wish to provide their own sori should contact us in advance.</p>	<p>food, research, fertilizer</p>
<p>Ocean's Balance 10 West Point Lane, #105 Biddeford, ME 04005</p>	<p><i>Saccharina latissima</i>, <i>Saccharina angustissima</i></p>	<p><b>Orders Start:</b> July – September.</p>	<p><b>String Type:</b> Nylon <b>Seed Length:</b> 200ft, custom lengths can</p>	<p>food, research, fertilizer</p>

Dave Labbe <a href="#">Email Dave</a> 774-239-1504		<b>Delivery:</b> Pick up preferred, delivery is available on a case by case basis. <b>Availability:</b> November – December	be available upon request	
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Massachusetts				
Business Details	Species	Orders and Shipping	Specifications	End use and other descriptors
Woods Hole Oceanographic Institution (WHOI) 266 Woods Hole Rd., Woods Hole, MA 02543 Scott Lindell <a href="#">Email Scott</a> 508-289-3728 <a href="http://www2.who.edu/site/lindell-lab/">www2.who.edu/site/lindell-lab/</a> Research Facility	<i>Saccharina lattisima</i> , <i>Saccharina angustissima</i>	<b>Orders Start:</b> Please contact us 3 months prior your preferred seeding date. <b>Deliveries:</b> Pick up required for seedstring. Gametophytes/juvenile sporophytes may be shipped for direct seeding experiments (pending coordination with National Center for Marine Algae)	<b>String Type:</b> Various, can recommend and provide different strains for research trials <b>Additional considerations:</b> Direct seeding research trials (strains of gametophytes/sporophyte planted directly to farm ropes) can be coordinated	Seed produced for research and development purposes. Extensive list of potential cultivars (from 18 strains) available from WHOI and National Center for Marine Algae. Phenotypes and genotypes of many crosses are available and described in publications and database upon inquiry.
GreenWave 315 Front Street New Haven, CT 860-858-1529 team@greenwave.org <a href="https://www.greenwave.org/">https://www.greenwave.org/</a> Non-profit, commercial facility	Sugar kelp ( <i>Saccharina latissima</i> )	<b>Orders Start:</b> July-September <b>Availability:</b> October-December <b>Limitations:</b> minimum 400ft <b>Shipping:</b> pickup	<b>String Type:</b> nylon <b>Seed Length:</b> 400 linear feet of seed string per spool <b>Additional considerations:</b> Serving areas south of Cape Cod only	food/fertilizer

New York				
Business Details	Species	Order and Shipping	Specifications	End use and other descriptors
GreenWave 315 Front Street New Haven, CT 860-858-1529 team@greenwave.org	Sugar kelp ( <i>Saccharina latissima</i> )	<b>Orders Start:</b> July-September <b>Availability:</b> October-December <b>Limitations:</b>	<b>String Type:</b> nylon <b>Seed Length:</b> 400 linear feet of seed string per spool <b>Additional considerations:</b> Seed	food/fertilizer

<a href="https://www.greenwave.org/">https://www.greenwave.org/</a> Non-profit, commercial facility		minimum 400ft <b>Shipping:</b> pickup	sourced from the Southern New England/ Long Island Sound region.	
Hart Lobsters 136 Atlantic Ave, West Sayville, NY 11796 631-678-2957 Lizzie Savage <a href="mailto:Lizzie@hartlobsters.com">Email Lizzie</a> 631-678-2957 Commercial Facility	Sugar kelp ( <i>Saccharina latissima</i> )	<b>Orders Start:</b> September <b>Availability:</b> November-December <b>Limitations:</b> none <b>Shipping:</b> pickup preferred, overnight shipping available	<b>String Type:</b> nylon <b>Seed Length:</b> 150-200ft <b>Additional considerations:</b> Would allow someone to provide sori if they prefer, otherwise we have our own sources	Sold for food, fertilizer or research
Stony Brook University School of Marine & Atmospheric Sciences Southampton Marine Station 8 Littleneck Rd. Southampton, NY 11968 Michael Doall <a href="mailto:m.doall@stonybrook.edu">Email Michael</a> or Christopher Gobler <a href="mailto:c.gobler@stonybrook.edu">Email Christopher</a> Research Facility	<i>Saccharina latissima</i> ; <i>Gracilaria tikvahiae</i>	<b>Orders Start:</b> Not for sale, research projects only <b>Availability:</b> Please contact us at least two months prior to your preferred seeding date. <b>Shipping:</b> Pick-up only	<b>String Type:</b> nylon <b>Seed Length:</b> 200ft <b>Additional considerations:</b> <i>Gracilaria</i> supplied as individual fragments	Research-purposes only

Rhode Island				
Business Details	Species	Order and Shipping	Specifications	End use and other descriptors
GreenWave 315 Front Street New Haven, CT 860-858-1529 team@greenwave.org <a href="https://www.greenwave.org/">https://www.greenwave.org/</a> Non-profit, commercial facility	Sugar kelp ( <i>Saccharina latissima</i> )	<b>Orders Start:</b> July-September <b>Availability:</b> October-December <b>Limitations:</b> minimum 400ft <b>Shipping:</b> pickup	<b>String Type:</b> nylon <b>Seed Length:</b> 400 linear feet of seed string per spool <b>Additional considerations:</b> Seed sourced from the Southern New England/ Long Island Sound region.	food/fertilizer

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