

Production of Plant Hormones from Naturally Grown Aquatic Floating Weeds and their Subsequent Use as a Hydroponic Nutrient and Stimulant

We offer professional services for enhancing the production of plant hormones from naturally grown aquatic floating weeds and utilizing them as hydroponic nutrients and stimulants. Our innovative approach harnesses the power of these weeds to produce valuable plant hormones, promoting enhanced growth and productivity in hydroponic systems.

Aquatic floating weeds are abundant in natural water bodies and are often considered a nuisance. However, at Homebound, we recognize their untapped potential. These weeds contain natural plant hormones that can significantly impact plant growth and development. We specialize in extracting and utilizing these hormones to enhance hydroponic cultivation.

Our Services:

1. **Plant Hormone Extraction:** We employ customized extraction techniques to obtain plant hormones from naturally grown aquatic floating weeds. Through this extraction, we unlock the hidden potential of these weeds as a valuable source of natural plant hormones.
2. **Hydroponic Nutrient Development:** We utilize the extracted plant hormones as key components in formulating hydroponic nutrient solutions. By incorporating these hormones into the nutrient blends, we provide plants with the essential growth-promoting substances necessary for vigorous development. Our customized nutrient formulations optimize nutrient availability, stimulate root growth, enhance flowering, and improve overall plant health and productivity.
3. **Stimulant Application:** In addition to being used as hydroponic nutrients, the extracted plant hormones can be applied as stimulants to enhance specific growth aspects of plants. These hormones act as growth regulators, influencing various physiological processes such as shoot elongation, root development, fruit and flowering.
4. **Consultation and Support:** Our team is available to provide consultation and support throughout your hydroponic journey. We offer guidance on hormone application strategies, nutrient management, and optimal cultivation practices.

For details - https://youtu.be/Bm-sQWUgs_U