



Dutch Bucket Grow System

Explore Agriplast's Dutch Bucket Hydroponic System—perfect for tomatoes, peppers, and eggplants. Scalable, efficient, and easy to manage for high-yield commercial or home cultivation.



Dutch Bucket (Bato) Hydroponic System

Grow tomatoes, peppers, and eggplants with Agriplast's Dutch Bucket System. Scalable, water-efficient, and perfect for vining crops—ideal for commercial hydroponic farming with minimal waste.

The **Dutch Bucket System**, also known as the **Bato Bucket System**, is a high-efficiency hydroponic method designed for growing large, heavy-feeding, and vining plants. Agriplast's Dutch Bucket setup uses individual containers (buckets) connected to a **shared irrigation and drainage system**, allowing for optimal water and nutrient distribution across all plants.

Each bucket acts as an isolated root zone while benefiting from **centralized feeding**, making it easy to manage plant health, adjust nutrition, and control pests or diseases at a per-plant level.

Key Features & Benefits

Scalable Design

The modular system allows you to add more buckets effortlessly, making it ideal for both small-scale and commercial farms.

Water & Nutrient Efficiency

Recirculating irrigation minimizes waste while ensuring plants receive a consistent, adequate supply of nutrients and moisture.

Crop Versatility

Especially suited for **tomatoes, peppers, cucumbers, eggplants**, and other heavy-feeding crops. You can also adapt it for leafy greens and herbs.

Flexible Media Compatibility

Works with cocopeat, perlite, hydroton, or a mix of inert growing mediums depending on your crop and climate.

Easy Maintenance

Centralized drainage and irrigation systems reduce labor, and the open-bucket design simplifies cleaning, replacement, or plant rotation.

Whether you're expanding a hydroponic greenhouse or launching a vertical farm, Agriplast's Dutch Bucket System delivers consistency, control, and cost-effectiveness for high-yield crop production.

Design

Modular system allows rapid scaling from a few plants to hundreds

80% Saving

Closed-loop design recycles water and nutrients to reduce waste

5x Growth

Ideal for vining and fruiting crops like tomatoes and peppers

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