

*All measurements are mL per liter		VEG				FLOWER		
Application Frequency		W1	W2	W3	W4	W1	W2	W3
Routine TANK MIX Spray 2x per week (General cleaning and prevention of dust on leaves)	IPW	24	24	24	24	24	24	24
	Stack	2	2	2	2	2	2	2

Tank Mix Advantages

Athena® IPW offers a range of compelling benefits that contribute to their overall health and vitality. By removing accumulated dust, pollutants, and potential contaminants from the leaves' surfaces, the plants' capacity for efficient photosynthesis increases, which is essential for optimal growth and robust yields. Leaf washing is a proactive and preventive measure that fosters vigorous growth and supports the cultivation of high-quality, potent flowers.

Athena® Stack, being derived from kelp extract (*Ascophyllum nodosum*), provides bioavailable nutrients which create favorable conditions for lateral growth, bud development, and improved vigor during transition.

Mixing both **Athena® IPW** and **Athena® Stack** together in the same solution is compatible for a foliar application and will result in less wasted product as well as save on labor costs.



IPW
Integrated Plant Wash



Stack
Bloom Enhancer

Spray Procedure

CAUTION: TO PREVENT RESIDUE FROM FORMING ON THE FOLIAGE, WE SUGGEST USING RO WATER.

1 Fill	Fill a container with RO water for the amount of plants you are going to spray.
2 IPW	Add Athena® IPW at 24 mL/L and agitate until thoroughly mixed.
3 Stack	Add 2 mL/L of Athena® Stack and agitate until it is mixed. Contains organic ingredients that could separate in storage so shake well before each use.
4 Saturate	Fully saturate the substrate with the current fertilizer water. If the plant is fully hydrated, it will not absorb IPW through its leaves. If the plant is dehydrated, it will absorb IPW through its leaves. Skipping this step can cause burning or phytotoxic reactions.
5 Temp	Lower temperature to around 22° C and use dehumidifiers to maintain humidity around 55-65% to prevent mold and mildew issues.
6 Lights	Only spray when high intensity lights are turned off to prevent burning (Work lights or green lights only, no grow lights).
7 Spray	Start by spraying the substrate, following up the stalk making sure to fully drench all leaf and stem surfaces.
8 Spray	Follow with a spray over the top to ensure full saturation of all plant foliage.
9 Dry	Allow enough time to dry (3-4 hours) before high intensity lights are turned on.

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