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FOLIAR FEED CHART



WATTS



- Increase LIGHT ENERGY Intake
- Speeds up Plant Metabolism & Nutrient uptake
- Provides all Macro nutrients to supplement increased light energy.



SWITCH

- Immediate transition into bloom, use day 1 of flower
- Enables flowering & oil production
- Prevents unwanted flowers
- Accelerates flowering



TRANSPORT

- Spray lights on with No Damage or Burning. No longer spray the undersides and spray any time of the day!
- Spray tops of the leaves only and within 30 minutes the solution absorbs into the plants leaves.
- Mix and use with Pesticides at quarter strength and with the lights on. See Info & Mixing on IPM Chart.



REV

- Supplements all essential Micro nutrients
- Additional amino acids, vitamins & Carbohydrates
- Aids in the increase in Light Energy to maintain high levels of growth



OVERGROW

- Complete all in one foliar solution sprayed lights on, no damage or burning. OVERGROW provides a full spectrum of macro and micro nutrients. Furthermore OVERGROW also boosts plant health, photosynthesis, nutrition uptake and prevents mold!



ATAK

- Stabilizes nutrition levels on the leaf surface and root zone
- Ensures plants stay at optimum health throughout Grow & Flower cycle

	OVERGROW (Ready to use. No mixing needed)	TRANSPORT Concentrate		WATTS Concentrate		REV Concentrate		ATAK Concentrate		SWITCH
		Ltr	Gal.	Ltr	Gal.	Ltr	Gal.	Ltr	Gal.	
MOTHER & STOCK PLANTS	Ready to use, spray plants 2-3 times per week. can be sprayed before taking cuttings and transplanting.	7.5 ml	30 ml	7.5 ml	30 ml	7.5 ml	30 ml	10 ml	40 ml	
CUTTINGS & SEEDLINGS	Ready to use, spray plants 2-3 times per week. can be sprayed before transplanting.	7.5 ml	30 ml	7.5 ml	30 ml	7.5 ml	30 ml	10 ml	40 ml	
GROW	WEEK 1	7.5 ml	30 ml	7.5 ml	30 ml	7.5 ml	30 ml	10 ml	40 ml	
	WEEK 2	7.5 ml	30 ml	7.5 ml	30 ml	7.5 ml	30 ml	10 ml	40 ml	
	WEEK 3	7.5 ml	30 ml	7.5 ml	30 ml	7.5 ml	30 ml	10 ml	40 ml	
	WEEK 4	7.5 ml	30 ml	7.5 ml	30 ml	7.5 ml	30 ml	10 ml	40 ml	
FLOWER	EARLY FLOWER	7.5 ml	30 ml	7.5 ml	30 ml	7.5 ml	30 ml	10 ml	40 ml	
	MID FLOWER	7.5 ml	30 ml	7.5 ml	30 ml	7.5 ml	30 ml	10 ml	40 ml	
	LATE FLOWER	7.5 ml	30 ml					10 ml	40 ml	

FLOWER ONLY
Use on Days 1 & 10 or later if needed. special instructions below & reverse

USAGE NOTES

- No need to ph solution
- No need to spray undersides
- ATAK can be used up to 5 days prior to harvest
- In Flower focus the spray on leaves, over spray will not result in damage
- Mix concentrates, store in a cool dark place and product will not go bad.

- All products are mixed together
- No need to PH
- Also compatible with kelp extracts

- Reduce Nutrition by 50 % or Water only
- Spray in Temperature range of 60-75° degrees
- Light mist only
- Use within 20 minutes of adding TRANSPORT

SWITCH

SPECIAL USAGE NOTES:

- Reduce nutrients by 50 % prior to spraying, and day after spraying. If your schedule is for water, then continue with water.
- Spray in temperatures between 60-75 degrees, Lights on or off, spraying in the correct temperatures assists in performance.
- With SWITCH specifically, less is more. A lighter spray will work better than drenching the plant. No need to spray the undersides.
- Spray on day 1 & 10 of Flower for immediate flower transition and crop protection. Or use in mid to late flower for crop correction.

After applying SWITCH, customers may notice:

- a. A white bleaching/spotting
- b. A yellow spotting
- c. Or a wrinkled looking leaf

Dozens of variables can cause visual and non visual damage to plants, and in turn stress. Increased stress and factors involving stress can lead to the production of Ethylene gas within the leaves. Experiencing any of the above is from the production of Ethylene gas. Multiple growing variables including some out of the control of the grower can lead to increased Ethylene gas production within the leaves. In low levels it can burn off and not make any visual marks, however in higher levels including after spraying SWITCH, the visual marks left behind are a result of higher concentrations of Ethylene leaving the plant. This tells us the product has worked, however it will not reduce or alter growth, flower, photosynthesis, nutrient uptake or overall plant health.

1. For each liter of SWITCH, add 10 ml of TRANSPORT Directly into 1 liter of SWITCH, shake then spray.
2. Spray plants, 2 applications, 10 days apart only.
3. Will only keep a female plant female. It will not turn a male to a female
4. Mix only what is needed, once you add TRANSPORT, the product is activated and will be good for 20 minutes only.
5. After 20 minutes the solution will no longer work after being mixed.
6. Do not substitute TRANSPORT with other products.

PEST CONTROL & IPM

Select Product from chart, then volume to mix & spray within the quarter strength Column.

Add Pesticide and Transport to water. Shake well, then mix and spray in full light, tops of the leaves, no need to spray undersides.

Select 2-3 Natural and safe Pesticide products from the chart. incorporating them into an IPM program, alternating the product applied every 21-30 days Many of the pesticide products can also be mixed in with OPTIC FOLIAR WATTS, REV & ATAK.

Product	Volume/Spray	Full Strength	Quarter Strength	OPTIC FOLIAR TRANSPORT
NEEM OIL	1 LITER	5 ml	1.25 ml	7.5 ml
	4 LITER	20 ml	5 ml	30 ml
AZADIRACTIN	1 LITER	7.5 ml	2 ml	7.5 ml
	4 LITER	30 ml	8 ml	30 ml
PYRETHRUM	1 LITER	20 ml	5 ml	7.5 ml
	4 LITER	80 ml	20 ml	30 ml
MEGA WASH/ MIGHTY WASH	1 LITER	Do not dilute just add TRANSPORT and spray		7.5 ml
ZYME SPRAY	1 LITER	Use quarter strength with TRANSPORT full strength		7.5 ml
SM-90	1 LITER	200 ml	50 ml	7.5 ml
	4 LITER	800 ml	200 ml	30 ml
Green Cleaner	1 LITER	30 ml	7.5 ml	7.5 ml
	4 LITER	120 ml	30 ml	30 ml
Nuke Em	1 LITER	30 ml	7.5 ml	7.5 ml
	4 LITER	120 ml	30 ml	30 ml
Bio-Pesticide	1 LITER	Use quarter strength with TRANSPORT full strength		7.5 ml