ABOVE AND BEYOND IS WHERE WE BEGIN

CROP GUIDE HYDROPONIC LETTUCE

		CROP STAGE						
	PEST/DEFICIENCY	SEED	SEEDLING (3-5 Leaves)	EARLY ROSETTE	HEAD FORMATION	HEAD DEVELOPMENT		
	Soilborne Diseases	RootShield PLUS®+ WP						
•	Powdery Mildew, Downy Mildew	MilStop® SP + CEASE®, PERpose Plus®						
	Botrytis	BotryStop® WP, MilStop SP + CEASE, PERpose Plus						
	Sclerotinia Rot	BotryStop WP, CEASE, PERpose Plus						
	Aphids, Whiteflies, Thrips							
	Caterpillars		Molt-X, PRINCIPLE WP					
	Fungus Gnats, Shore Flies	NemaShield®, Molt-X						
	Efficient nutrient use and stress reduction	ON-Gard®						

CROP GUIDE HYDROPONIC LETTUCE

	PRODUCT	REI, PHI	OMRI	PEST/DEFICIENCY	RECOMMENDED RATE	TYPE OF APPLICATION	
SEASES	RootShield <i>PLUS</i> ⁺ WP ²	4-hour 0-day	Yes	Root Diseases	Drench: 4-8 oz/100 gal	Drench at seeding and transplant.	
DISE	MilStop SP	1-hour 0-day	Yes	Powdery Mildew, Downy - Mildew, <i>Botrytis</i>	1.25–5.0 lb/100 gal	Foliar application every 7–14 days. Tank mix rates: CEASE 4–6 qt/100 gal + MilStop SP 1.25–3.0 lb/100 gal.	
	CEASE	4-hour 0-day	Yes		4-6 qt/100 gal	Foliar application every 3-7 days.	
	PERpose Plus	0-1-hour 0-day	Yes		1/3–1 fl oz/gal	1/3 fl oz/gal preventative foliar application weekly; 1 fl oz/gal curative application.	
	BotryStop WP ⁴	4-hour 0-day	Yes	Botrytis, Sclerotinia Rot	2-4 lb/100 gal	Foliar application every 7–10 days.	
TES	PRINCIPLE WP ¹	4-hour 0-day	Yes	Whiteflies, Aphids,	0.5-2 lb/100 gal	Foliar application every 5-10 days. For thrips use 1-2 lb/100 gal.	
S. W.	Molt-X²	4-hour 0-day	Yes	Thrips, Caterpillars	8–10 fl oz/100 gal	For foliar application every 5-10 days.	
IN SECT	SuffOil-X	4-hour 0-day	Yes	Whiteflies, Aphids, Thrips	1-2 gal/100 gal	Foliar application every 7 days. Suppresses powdery mildew.	
	EpiShield	N/A	No	Aphids, Thrips, Whiteflies, Mealybugs	9-12 fl oz/100 gal	Foliar spray to glisten on 5-7-day interval or as needed.	
	NemaShield	N/A	N/A	Formania Carata	100 million/1100-3400 ft²	Drench on plug trays.	
	Molt-X²	4-hour 0-day	Yes	Fungus Gnats, Shore Flies	8 fl oz/100 gal	Apply as a drench.	
NUTRITION	ON-Gard (5-0-0)³	N/A	Yes	Nutrition supplement and stress reduction	1 qt-2 gal/100 gal	Weekly foliar spray: 1 qt in seedling stage, increase through head formation stage, up to 2 gal. Fog rates: 6.4–11.2 fl oz/3 L water.	

Please refer to product labels for complete application instructions. Always read and follow label directions.

'Not available for use in CA; aNot available for use in AK; aNot labeled for use in MT, ND, SD, WY. BotryStop WP not labeled for use on lettuce in CA

Please refer to product labels ${\bf bioworksinc.com}$ for fogging application details and rates.





BIOWORKS, INC.

100 Rawson Road • Suite 205

Victor, NY 14564

bioworksinc.com • 800.877.9443