

prepared for: FIRST CROP INC 2400 EAST COUNTY ROAD 8 N MONTE VISTA, CO 81144

Refresh Mask Spray

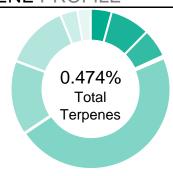
 Batch ID:
 2009256
 Test ID:
 2323133.002

 Reported:
 7-Oct-2020
 Method:
 TM10

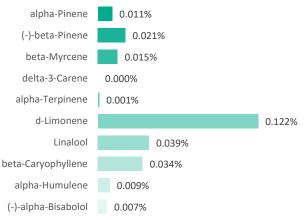
 Type:
 Concentrate

 Test:
 Terpenes

### **TERPENE PROFILE**



<b>PREDOMINANT</b>	TERPENES



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.007	0.07
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.034	0.34
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.174	1.74
Geraniol	0.004	0.04
alpha-Humulene	0.009	0.09
(-)-Isopulegol	0.000	0
d-Limonene	0.122	1.22
Linalool	0.039	0.39
beta-Myrcene	0.015	0.15
cis-Nerolidol	0.000	0
trans-Nerolidol	0.002	0.02
Ocimene	0.013	0.13
beta-Ocimene	0.006	0.06
alpha-Pinene	0.011	0.11
(-)-beta-Pinene	0.021	0.21
alpha-Terpinene	0.001	0.01
gamma-Terpinene	0.015	0.15
Terpinolene	0.001	0.01
	0.474%	4.74

NOTES:

#### FINAL APPROVAL

Daniel Wartonsaul

Daniel Weidensaul 7-Oct-2020 4:11 PM

A, 37/

Greg Zimpfer 7-Oct-2020 4:26 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02





Certificate #4329.02



prepared for: FIRST CROP INC 2400 EAST COUNTY ROAD 8 N MONTE VISTA, CO 81144

Refresh Mask Spray

**Batch ID:** 2009256 **Test ID:** T000099763

Reported: 2-Oct-2020 Method: TM17

Type: Concentrate

Test: Pesticides

# PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	33 - 2300	ND*
Acetamiprid	34 - 2300	ND*
Abamectin	>326	ND*
Azoxystrobin	42 - 2300	ND*
Bifenazate	37 - 2300	ND*
Boscalid	35 - 2300	ND*
Carbaryl	34 - 2300	ND*
Carbofuran	37 - 2300	ND*
Chlorantraniliprole	45 - 2300	ND*
Chlorpyrifos	43 - 2300	ND*
Clofentezine	258 - 2300	ND*
Diazinon	271 - 2300	ND*
Dichlorvos	>250	ND*
Dimethoate	34 - 2300	ND*
E-Fenpyroximate	272 - 2300	ND*
Etofenprox	40 - 2300	ND*
Etoxazole	268 - 2300	ND*
Fenoxycarb	>37	ND*
Fipronil	36 - 2300	ND*
Flonicamid	36 - 2300	ND*
Fludioxonil	>261	ND*
Hexythiazox	37 - 2300	ND*
Imazalil	261 - 2300	ND*
Imidacloprid	35 - 2300	ND*
Kresoxim-methyl	38 - 2300	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	272 - 2300	ND*
Metalaxyl	36 - 2300	ND*
Methiocarb	37 - 2300	ND*
Methomyl	33 - 2300	ND*
MGK 264 1	160 - 2300	ND*
MGK 264 2	108 - 2300	ND*
Myclobutanil	36 - 2300	ND*
Naled	36 - 2300	ND*
Oxamyl	33 - 2300	ND*
Paclobutrazol	41 - 2300	ND*
Permethrin	264 - 2300	ND*
Phosmet	40 - 2300	ND*
Prophos	275 - 2300	ND*
Propoxur	37 - 2300	ND*
Pyridaben	271 - 2300	ND*
Spinosad A	26 - 2300	ND*
Spinosad D	74 - 2300	ND*
Spiromesifen	>267	ND*
Spirotetramat	>278	ND*
Spiroxamine 1	16 - 2300	ND*
Spiroxamine 2	20 - 2300	ND*
Tebuconazole	341 - 2300	ND*
Thiacloprid	36 - 2300	ND*
Thiamethoxam	37 - 2300	ND*
Trifloxystrobin	39 - 2300	ND*

N/A

## FINAL APPROVAL

Samantha Smil

Sam Smith 2-Oct-2020 4:51 PM

4

Scott Hansen 2-Oct-2020 6:43 PM

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<sup>\*</sup> ND = None Detected (Defined by Dynamic Range of the method)



prepared for: FIRST CROP INC 2400 EAST COUNTY ROAD 8 N MONTE VISTA, CO 81144

Refresh Mask Spray

Batch ID: 2009256 Test ID: T000099760 Reported: 5-Oct-2020 Method: TM04 **Topical** Type: Test: Residual Solvents

# **RESIDUAL SOLVENTS**

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	87 - 1738	*ND
Butanes (Isobutane, n-Butane)	177 - 3544	*ND
Methanol	59 - 1183	*ND
Pentane	96 - 1920	*ND
Ethanol	89 - 1771	*ND
Acetone	99 - 1974	*ND
Isopropyl Alcohol	100 - 1992	*ND
Hexane	6 - 121	*ND
Ethyl Acetate	98 - 1964	*ND
Benzene	0.2 - 4	*ND
Heptanes	97 - 1941	*ND
Toluene	18 - 354	*ND
Xylenes (m,p,o-Xylenes)	128 - 2564	*ND

<sup>\*</sup> ND = None Detected (Defined by Dynamic Range of the method)

NOTES: N/A

### **FINAL APPROVAL**

Daniel Weidensaul Daniel Wardans

5-Oct-2020 4:18 PM

Greg Zimpfer 5-Oct-2020 6:26 PM

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prepared for: FIRST CROP INC 2400 EAST COUNTY ROAD 8 N MONTE VISTA, CO 81144

Refresh Mask Spray

 Batch ID:
 2009256
 Test ID:
 T000099764

 Reported:
 5-Oct-2020
 Method:
 TM19

 Type:
 Other

 Test:
 Metals

## **HEAVY METALS**

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.122 - 12.20	ND
Cadmium	0.128 - 12.80	ND
Mercury	0.130 - 12.90	ND
Lead	0.128 - 12.70	ND

<sup>\*</sup> ND = None Detected (Defined by Dynamic Range of the method)

### FINAL APPROVAL

Wagon Vens

Ryan Weems 5-Oct-2020 6:10 PM

An Bill

Greg Zimpfer 5-Oct-2020 8:49 PM

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prepared for: FIRST CROP INC 2400 EAST COUNTY ROAD 8 N MONTE VISTA, CO 81144

Refresh Mask Spray

Reported:     5-Oct-2020     Method:     TM24, TM25, TM26, TM27, TM28       Type:     Concentrate       Test:     Microbial Contaminants	Batch ID:	2009256	Test ID:	T000099761
	Reported:	5-Oct-2020	Method:	TM24, TM25, TM26, TM27, TM28
Test: Microbial Contaminants	Type:	Concentrate		
	Test:	Microbial Contaminants		

## MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*	
Total Aerobic Count**	None Detected	
Total Coliforms**	None Detected	
Total Yeast and Molds**	None Detected	
E. coli	Absent	
STEC and 0157 E. coli	None Detected	
Salmonella	None Detected	

<sup>\*</sup> CFU/g = Colony Forming Unit per Gram

Examples: 10^2 = 100 CFU

10<sup>3</sup> = 1,000 CFU 10<sup>4</sup> = 10,000 CFU 10<sup>5</sup> = 100,000 CFU

NOTES:

Free from visual mold, mildew, and foreign matter

TYM: None Detected

PREPARED BY / DATE

Total Aerobic: None Detected Coliforms: None Detected

#### FINAL APPROVAL

Tori King 5-Oct-2020 1:40 PM

APPROVED BY / DATE

Greg Zimpfer 5-Oct-2020 3:09 PM

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<sup>\*\*</sup> Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.