

RICH⁺ AGROSAFE

SAFE, ORGANIC PEST REPELLENT

AGROSAFE is a pest and insect repellent formulation prepared from Neem Oil.

Neem oil is a vegetable oil pressed from the fruits and seeds of neem (*Azadirachta indica*)



RICH⁺ AGROSAFE

SAFE, ORGANIC PEST REPELLENT

EFFECTIVELY ELIMINATES

Infection by insects like thrips, mites, bugs, spiders, mildew, fungal attacks, bacterial infections and even viruses



RICH⁺ AGROSAFE

Herbal-based

100% organic

Safe & non-toxic

Highly effective

Economical

Tested by UPASI



RICH⁺ AGROSAFE

SAFE, ORGANIC PESTICIDE; IDEAL FOR TEA ESTATES

RichPlus
Sustainable Solutions
Empowering a greener future

THE ADVANTAGES

Effective in eradicating most insect pests commonly found affecting plants including the red spider mite, tea mosquitoes and thrips



Also promotes the growth of the plant, playing the additional role of a growth booster as well



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THE CAUSES

Insect pests like spider mites, tea mosquitoes, thrips and aphids – they feed on the plant sap causing stunting of plants, curling of leaves and slow degeneration of quality of tea

THE EFFECTS

Curled, deformed leaves
Leaves with stripes or spots
Leaves changing colour
Mould growing on leaves
Holes in leaves
Dried, dead leaves

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DR/ENT/PPF-R/2009/LAB-42

02.12.2009

Report on the laboratory evaluation of Agro safe (Neem Oil) against the red spider mite of tea

In the laboratory, a study was conducted to evaluate the bioefficacy of Agro Safe (Neem Oil) supplied by Enviro Eco Herbal Food and Reagents Pvt Ltd, against red spider mites (*Oligonychus coffeae*) by leaf disc method. For this purpose, leaf discs of 2 cm diameter cut from tea leaves were used and known number of red spider mites (10 mites/ leaf disc) were introduced on to these leaf discs. Spraying was done with a fine atomizer. Unsprayed leaf discs were kept as control.

In the present study, the treatment was replicated five times and the efficacy of the formulation was determined in terms of mortality on 24, 48, 72 & 96 hours after imposing the treatment. Results of the lab bioefficacy studies are given in Table 1.

Table 1. Laboratory evaluation of Agro Safe (Neem Oil) against the red spider mite of tea

Target pest	Dosage	Percentage mortality after*			
		24h	48h	72h	96h
Red spider mite (<i>Oligonychus coffeae</i>)	0.22 ml/l	10	16	28	34
	0.44 ml/l	18	28	38	42
	0.66 ml/l	22	36	42	50
	0.88 ml/l	40	50	56	64

* Mean of five replications


STUDY DIRECTOR


DIRECTOR

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(An ISO : 9001, ISO : 14001, ISO : 45001 & ISO : 22000 Certified Company) Recognised by MoEF&CC

TEST REPORT

ISSUED TO:

M/s. ECO Health Products Pvt Ltd.,
No.23, 2nd Street, Thangam colony, Anna Nagar West,
Chennai - 600 040.

Page 1 of 2

Customer Provided Details				
Sample Name	Agosafe - L / Non Tox	Customer Ref	-	
Seal If Any	Nil	Marks on Sample	Nil	
Lab Provided Details				
Report Number	ABCTL/2021/08/5065	Date of Receipt	09-08-2021	Analysis Commenced
Analysis Completed	16-08-2021	Sample Condition	Good	Sample Qty. 500ml
Report Date	16-08-2021	Sample Drawn by	Customer	Date of Sampling

S. No.	Test Parameters	Test procedure	Unit	Results
1	Aflatoxin B1	ABCTL/INS/SOP/016	µg/kg	BLQ (LOQ : 0.50)
2	Aflatoxin B2		µg/kg	BLQ (LOQ : 0.50)
3	Aflatoxin G1		µg/kg	BLQ (LOQ : 0.50)
4	Aflatoxin G2		µg/kg	BLQ (LOQ : 0.50)
5	Lead as Pb	ABCTL/INS/SOP/F-52	mg/kg	BDL (DL : 0.10)
6	Arsenic as As		mg/kg	BDL (DL : 0.10)
7	Mercury as Hg		mg/kg	BDL (DL : 0.10)
8	Nickel as Ni		mg/kg	BDL (DL : 0.10)
9	Tin as Sn		mg/kg	BDL (DL : 0.10)
10	Cadmium as Cd		mg/kg	BDL (DL : 0.10)

Contd....

S. DHARANI
Quality Manager

Verified by

A. ROBSON CHINNADURA
TECHNICAL MANAGER

Authorised Signatory

Terms and conditions :
• The test results relate only to the items tested. • The test report shall not be reproduced in full or part without the written approval of ABCTL. • The test items will not be retained for more than 15 days from the date of issue of test report for Non-Perishable samples and in the case of Perishable samples test items will be retained for one day after date of issue of report. The laboratory's responsibility under this report is limited to proven willful negligence and will in no case be more than the invoiced amount. • The test report is issued for the purpose of identifying the characteristic and not intended to use for any publicity / litigation purpose.



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Sample description	Agosafe - L / Non Tox
Date of report	16-08-2021

Page 2 of 2

S. No.	Parameter	Test procedure	Unit	Results
11	Organochlorine Pesticides	AOAC 21 st Edition 970.52	mg/kg	BDL (DL : 0.01)
12	Organophosphorus Pesticides		mg/kg	BDL (DL : 0.01)

Microbiology Parameters :

13	Total coliform	IS 15185 - 2016	NA	Absent/10ml
14	E.coli	IS 15185 - 2016	NA	Absent/25ml
15	Salmonella	IS 5887 Part-3 1999 RA 2018	NA	Absent/25ml
16	Staphylococcus aureus	IS 5887 Part-2 1976 RA 2018	NA	Absent/25ml
17	Bacillus cereus	IS 5887 Part-6 2012	Cfu/ml	<1

BLQ - Below Limit of Quantification, LOQ - Limit of Quantification, BDL - Below Detection Limit.

DL - Detection Limit, cfu - Colony Forming Unit, CFU - Colony Forming Unit.

Note : < 1 cfu/ml can be taken as 'Absent'.

.....End of Report.....

S. DHARANI
Quality Manager

Verified by

Dr. M Krishna Moorthy
Head - Microbiology

Authorised Signatory

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