

ANALYSIS REPORT

Final Report

Job No: J2308-1193
Date Issued: 22-Aug-2023
Report Number: 240033

Attention: Zak Trajkovski
Client: E.E Muir & Sons Pty Ltd
Address: 16 Raymond Road
 LAVERTON NORTH VIC 3026

Purchase Order: 006969 04-156910
Date Sampled:
Date Received: 15-Aug-2023

The following sample was analysed:

Sample ID

S23-0085610 Your Reference BORATTO FARM
 Product Spinach
 Description BULL FARM BABY SPINACH

Analysis of this sample conducted between 15-Aug-2023 and 17-Aug-2023

Analysis Results

Determinant	MRL	LOR	Result
AT3 Chemicals Test List (TP/311 & 312)			
S23-0085610	2-phenylphenol	< 0.10	<0.010 mg/kg
S23-0085610	Abamectin	< 0.50	<0.010 mg/kg
S23-0085610	Acephate	N/A	<0.010 mg/kg
S23-0085610	Aldrin	N/A	<0.010 mg/kg
S23-0085610	Atrazine	N/A	<0.010 mg/kg
S23-0085610	Azinphos methyl	N/A	<0.010 mg/kg
S23-0085610	Benalaxyl	N/A	<0.010 mg/kg
S23-0085610	BHC alpha	N/A	<0.010 mg/kg
S23-0085610	BHC beta	N/A	<0.010 mg/kg
S23-0085610	BHC delta	N/A	<0.010 mg/kg
S23-0085610	BHC gamma (Lindane)	< 2	<0.010 mg/kg
S23-0085610	BHC Total	N/A	<0.020 mg/kg
S23-0085610	Bifenazate	< 0.20	<0.010 mg/kg
S23-0085610	Bifenthrin	< 0.01	<0.010 mg/kg
S23-0085610	Bioresmethrin	N/A	<0.010 mg/kg
S23-0085610	Bitertanol	N/A	<0.010 mg/kg
S23-0085610	Buprofezin	< 0.10	<0.010 mg/kg
S23-0085610	Captan	< 0.10	<0.050 mg/kg
S23-0085610	Carbaryl	< 0.02	<0.010 mg/kg
S23-0085610	Chlordane	< 0.02	<0.010 mg/kg
S23-0085610	Chlorfenapyr	< 0.02	<0.010 mg/kg
S23-0085610	Chlorothalonil	< 100	0.90 mg/kg
S23-0085610	Chlorpyrifos	< 0.01	<0.010 mg/kg
S23-0085610	Chlorpyrifos methyl	N/A	<0.010 mg/kg

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S23-0085610	Chlorthal dimethyl	< 5	<0.010	<0.010 mg/kg
S23-0085610	Clofentezine	< 0.02	<0.010	<0.010 mg/kg
S23-0085610	Cyfluthrin	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Cyfluthrin beta	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Cyhalothrin	N/A	<0.010	<0.010 mg/kg
S23-0085610	Cyhalothrin lambda	N/A	<0.010	<0.010 mg/kg
S23-0085610	Cypermethrin	< 5	<0.010	<0.010 mg/kg
S23-0085610	Cypermethrin alpha	< 5	<0.010	<0.010 mg/kg
S23-0085610	Cyproconazole	< 0.01	<0.010	<0.010 mg/kg
S23-0085610	Cyprodinil	< 10	<0.010	<0.010 mg/kg
S23-0085610	DDD p,p	< 1	<0.010	<0.010 mg/kg
S23-0085610	DDE p,p	< 1	<0.010	<0.010 mg/kg
S23-0085610	DDT p,p	< 1	<0.010	<0.010 mg/kg
S23-0085610	DDT Total	< 1	<0.020	<0.020 mg/kg
S23-0085610	Deltamethrin	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Diazinon	< 0.70	<0.010	<0.010 mg/kg
S23-0085610	Dichlorvos	< 0.01	<0.010	<0.010 mg/kg
S23-0085610	Dicloran	N/A	<0.010	<0.010 mg/kg
S23-0085610	Dicofol	< 5	<0.010	<0.010 mg/kg
S23-0085610	Dieldrin	N/A	<0.010	<0.010 mg/kg
S23-0085610	Difenoconazole	< 0.02	<0.010	<0.010 mg/kg
S23-0085610	Dimethoate	N/A	<0.010	<0.010 mg/kg
S23-0085610	Dimethoate (Total)	N/A	<0.010	<0.010 mg/kg
S23-0085610	Dimethomorph	< 30	<0.010	<0.010 mg/kg
S23-0085610	Diphenylamine	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Disulfoton	N/A	<0.010	<0.010 mg/kg
S23-0085610	Endosulphan alpha	N/A	<0.010	<0.010 mg/kg
S23-0085610	Endosulphan beta	N/A	<0.010	<0.010 mg/kg
S23-0085610	Endosulphan sulphate	N/A	<0.010	<0.010 mg/kg
S23-0085610	Endosulphan Total	N/A	<0.020	<0.020 mg/kg
S23-0085610	Endrin Total	N/A	<0.020	<0.020 mg/kg
S23-0085610	Esfenvalerate	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Ethoprosfos	N/A	<0.010	<0.010 mg/kg
S23-0085610	Etoxazole	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Fenamiphos	N/A	<0.010	<0.010 mg/kg

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S23-0085610	Fenarimol	N/A	<0.010	<0.010 mg/kg
S23-0085610	Fenitrothion	N/A	<0.010	<0.010 mg/kg
S23-0085610	Fenoxycarb	< 0.10	<0.010	<0.010 mg/kg
S23-0085610	Fenthion	N/A	<0.010	<0.010 mg/kg
S23-0085610	Fenvalerate	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Fenvalerate (Total)	N/A	<0.010	<0.010 mg/kg
S23-0085610	Fipronil	N/A	<0.010	<0.010 mg/kg
S23-0085610	Fludioxonil	< 15	<0.010	<0.010 mg/kg
S23-0085610	Flusilazole	N/A	<0.010	<0.010 mg/kg
S23-0085610	Fluvalinate	< 0.02	<0.010	<0.010 mg/kg
S23-0085610	Fluvalinate tau	< 0.02	<0.010	<0.010 mg/kg
S23-0085610	HCB	N/A	<0.010	<0.010 mg/kg
S23-0085610	Heptachlor	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Heptachlor epoxide	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Hexaconazole	N/A	<0.010	<0.010 mg/kg
S23-0085610	Hexythiazox	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Imazalil	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Indoxacarb	< 5	<0.010	<0.010 mg/kg
S23-0085610	Iprodione	< 5	<0.010	<0.010 mg/kg
S23-0085610	Kresoxim methyl	< 0.02	<0.010	<0.010 mg/kg
S23-0085610	Linuron	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Malathion	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Metalaxyl	< 0.30	<0.010	<0.010 mg/kg
S23-0085610	Methamidophos	N/A	<0.010	<0.010 mg/kg
S23-0085610	Methidathion	< 0.02	<0.010	<0.010 mg/kg
S23-0085610	Metribuzin	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Mevinphos	N/A	<0.010	<0.010 mg/kg
S23-0085610	Monocrotophos	N/A	<0.010	<0.010 mg/kg
S23-0085610	Myclobutanil	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Omethoate	N/A	<0.010	<0.010 mg/kg
S23-0085610	Oxyfluorfen	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Paclobutrazol	< 0.01	<0.010	<0.010 mg/kg
S23-0085610	Parathion ethyl	N/A	<0.010	<0.010 mg/kg
S23-0085610	Parathion methyl	N/A	<0.010	<0.010 mg/kg
S23-0085610	Penconazole	< 0.02	<0.010	<0.010 mg/kg

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S23-0085610	Pendimethalin	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Penthiopyrad	< 50	<0.010	<0.010 mg/kg
S23-0085610	Permethrin	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Phenothrin	N/A	<0.010	<0.010 mg/kg
S23-0085610	Phorate	< 0.01	<0.010	<0.010 mg/kg
S23-0085610	Phosmet	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Piperonyl butoxide	< 8	<0.010	<0.010 mg/kg
S23-0085610	Pirimicarb	< 7	<0.010	<0.010 mg/kg
S23-0085610	Pirimiphos methyl	< 0.02	<0.010	<0.010 mg/kg
S23-0085610	Prochloraz	< 0.10	<0.010	<0.010 mg/kg
S23-0085610	Procymidone	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Profenofos	< 0.02	<0.010	<0.010 mg/kg
S23-0085610	Propargite	< 3	<0.010	<0.010 mg/kg
S23-0085610	Propiconazole	< 0.70	<0.010	<0.010 mg/kg
S23-0085610	Prothiofos	N/A	<0.010	<0.010 mg/kg
S23-0085610	Pyrethrins	< 1	<0.025	<0.025 mg/kg
S23-0085610	Pyrimethanil	< 5	<0.010	<0.010 mg/kg
S23-0085610	Pyriproxyfen	< 0.10	<0.010	<0.010 mg/kg
S23-0085610	Quintozene	N/A	<0.010	<0.010 mg/kg
S23-0085610	Sulfoxaflor	< 5	<0.010	<0.010 mg/kg
S23-0085610	Tebuconazole	< 2	<0.010	<0.010 mg/kg
S23-0085610	Tebufenpyrad	< 0.02	<0.010	<0.010 mg/kg
S23-0085610	Terbufos	N/A	<0.010	<0.010 mg/kg
S23-0085610	Tetradifon	N/A	<0.010	<0.010 mg/kg
S23-0085610	Tolclofos methyl	< 0.02	<0.010	<0.010 mg/kg
S23-0085610	Triadimefon	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Triadimenol	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Trichlorfon	< 0.10	<0.010	<0.010 mg/kg
S23-0085610	Vinclozolin	N/A	<0.010	<0.010 mg/kg

AT5 Chemicals Fresh Test List (TP/311 & 312)

S23-0085610	Azoxystrobin	< 15.00	<0.010	<0.010 mg/kg
S23-0085610	Boscalid	< 40	<0.010	<0.010 mg/kg
S23-0085610	Bromacil	N/A	<0.010	<0.010 mg/kg
S23-0085610	Carbendazim / Benomyl	N/A	<0.010	<0.010 mg/kg
S23-0085610	Chlorantranilprole	< 15	<0.010	<0.010 mg/kg

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S23-0085610	Dithianon	< 0.02	<0.10	<0.10 mg/kg
S23-0085610	Diuron	< 0.05	<0.020	<0.020 mg/kg
S23-0085610	Fenhexamid	< 0.10	<0.010	<0.010 mg/kg
S23-0085610	Fenpyroximate	< 0.10	<0.010	<0.010 mg/kg
S23-0085610	Flubendiamide	< 10	<0.010	<0.010 mg/kg
S23-0085610	Fluopyram	< 0.20	<0.010	<0.010 mg/kg
S23-0085610	Imidacloprid	< 20	<0.010	<0.010 mg/kg
S23-0085610	Methomyl	< 0.70	<0.010	<0.010 mg/kg
S23-0085610	Methomyl Oxime	< 0.70	<0.010	<0.010 mg/kg
S23-0085610	Pymetrozine	< 5.00	<0.010	<0.010 mg/kg
S23-0085610	Pyraclostrobin	< 0.60	<0.010	<0.010 mg/kg
S23-0085610	Spinetoram	< 0.70	<0.010	<0.010 mg/kg
S23-0085610	Spinosad	< 5	<0.010	<0.010 mg/kg
S23-0085610	Spirotetramat	< 5	<0.010	<0.010 mg/kg
S23-0085610	Tebufozide	< 0.05	<0.010	<0.010 mg/kg
S23-0085610	Thiabendazole	< 0.03	<0.010	<0.010 mg/kg
S23-0085610	Thiacloprid	< 0.10	<0.010	<0.010 mg/kg
S23-0085610	Thiamethoxam	< 2	<0.010	<0.010 mg/kg
S23-0085610	Trifloxystrobin	< 10.00	<0.010	<0.010 mg/kg

Dithiocarbamates (TP/282)

S23-0085610	Dithiocarbamates	< 5.00	<0.20	0.33 mg/kg
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Note: All samples are analysed on an 'as received' basis, all results are based on the sample received.
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Please refer to the following link for the measurement of uncertainty values for all NATA accredited analysis

<https://services.awta.com.au/AFTMeasurementUncertainty/index.php>

N/A denotes no MRL available.

MRL stated is as per Food Standards Code guidelines.

LOR = Level of reporting.

The sample(s) referred to in this report were analysed for the following determinant(s):

Analysis	Method	Laboratory
AT3 Chemicals Test List	TP/311 & 312	Food Safety Laboratory
AT5 Chemicals Fresh Test List	TP/312	Food Safety Laboratory
Dithiocarbamates	TP/282	Food Safety Laboratory

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The results in this report were authorised by:

Name	Title	Name	Title
Titus Kalayil	Laboratory Manager - Werribee		

