

Fertmark Declared Values

AB Lime Ltd

Date: 1/07/2019

AgLime90

Analysis %

Variance %

Psa 2	95.00	AVG - Average percent		
Psa 0.5	50.00	AVG - Average percent		
Neut value	90.00	AVG - Average percent		
Moisture				

Date

Changed By

Comment

15-Apr-2005

as advised by KW

16-Oct-2006

Psa 0.5 changed by KW

Fertmark Declared Values

Ballance Awarua

Date: 1/07/2019

Serpentine Super

			Analysis %	Variance %
P total	6.80	AVG - Average percent		
P citric	4.80	AVG - Average percent		
P water	3.00	PCNTMAX - Max Percent		
S total	8.40	AVG - Average percent		
Mg total	5.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
18-May-2004		DVs adjusted by TS
1-Jul-2008		DVs altered by TS

Sulphur Gain 30S

			Analysis %	Variance %
P total	7.00	AVG - Average percent		
P citric	6.10	AVG - Average percent		
P water	5.80	AVG - Average percent		
S total	29.50	AVG - Average percent		
S elem	21.30	AVG - Average percent		
Ca	17.50	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
17-Oct-2005		Name Change Sulphur Super becomes Sulphur Grain by TS
1-Jul-2008		DVs altered by TS
1-Sep-2010		DVs altered by TS

Superten

			Analysis %	Variance %
P total	9.00	AVG - Average percent		
P citric	7.80	AVG - Average percent		
P water	7.40	AVG - Average percent		
S total	10.50	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
18-May-2004		DVs adjusted by TS
9-Jan-2006		Sulphur registration of Superten lowered by TS
1-Jul-2008		DVs altered by TS

Fertmark Declared Values

Ballance GROUP

Date: 1/07/2019

Amidas

			Analysis %	Variance %
N total	40.00	AVG - Average percent		
S total	5.50	AVG - Average percent		

Date Changed By Comment

DAP

			Analysis %	Variance %
N total	17.60	AVG - Average percent		
P total	20.00	AVG - Average percent		
P citric	19.90	AVG - Average percent		
P water	18.20	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

Date Changed By Comment

1-Sep-2010 DAP N and TP lowered by TS

Granular Calmag

			Analysis %	Variance %
Mg	38.00	AVG - Average percent		
Psa 2	10.00	AVG - Average percent		
Psa 0.5	1.00	AVG - Average percent		

Date Changed By Comment

1-Jul-2008 CalMag Mg DV lowered by TS

1-Apr-2011 Granular CalMag added by TS

28-Feb-2014 Justin Moss lowered Declared Valued MG from 42% to 38% as per email from PW

High P RPR

			Analysis %	Variance %
P total	12.90	AVG - Average percent		
P citric	4.50	AVG - Average percent		
P formic	5.80	AVG - Average percent		
Psa 1	96.00	AVG - Average percent		
Psa 0.5	92.00	AVG - Average percent		
Ca	45.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

Date Changed By Comment

3-Oct-2018 Fabio Costa New product

Muriate of Potash

			Analysis %	Variance %
K total	50.00	AVG - Average percent		
K water	50.00	AVG - Average percent		

Fertmark Declared Values

Ballance GROUP

Date: 1/07/2019

Date Changed By Comment

Nrich SOA

			Analysis %	Variance %
N total	19.50	AVG - Average percent		
S total	22.00	AVG - Average percent		
K	0.00	AVG - Average percent		

Date Changed By Comment

28-Feb-2014 Justin Moss lowered Declared Valued for 19.5%N and 22.5% S as per email from PW

2-Oct-2014 Justin Moss changed details as per email from PW: N = 19.5% (was 20.5%) P = 1 % K = 0 % S = 22 % (was 23%)

28-Sep-2017 Peter Wood TP declaration deleted by AN

Phased N

			Analysis %	Variance %
N total	25.30	AVG - Average percent		
S total	28.50	AVG - Average percent		
Ca	5.70	AVG - Average percent		
NBPT	100.00	AVG PPM - Avg PPM		

Date Changed By Comment

28-Sep-2017 Peter Wood NBPT Declaration added by AN 28 Sept 2017

Sulphurgain Pure

			Analysis %	Variance %
Total S	89.00	AVG - Average percent		
Psa 1	95.00	AVG - Average percent		
Psa 0.5	65.00	AVG - Average percent		
Psa 0.25	45.00	AVG - Average percent		
Psa 0.15	20.00	AVG - Average percent		

Date Changed By Comment

21-Oct-2011 TS lowered from 93% to 89% by JL

Sustain

			Analysis %	Variance %
N total	46.00	AVG - Average percent		
Biuret	1.25	PCNTMAX - Max Percent		
NBPT	250.00	AVG PPM - Avg PPM		

Date Changed By Comment

12-Sep-2005 Sustain Green added

Fertmark Declared Values

Ballance GROUP

Date: 1/07/2019

Triple Super (TSP)

			Analysis %	Variance %
P total	19.60	AVG - Average percent		
P citric	17.30	AVG - Average percent		
P water	14.40	AVG - Average percent		
Ca total	13.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
28-Sep-2017	Peter Wood	DVs changed by AN 28 Sept 2017
26-Feb-2019	Peter Wood	CSP and Ca values altered by Caroline Steer

Unika Plus

			Analysis %	Variance %
N total	12.00	AVG - Average percent		
K total	38.10	AVG - Average percent		
S total	0.70	AVG - Average percent		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
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Yara Mila Actyvas

			Analysis %	Variance %
N total	15.00	AVG - Average percent		
P total	7.00	AVG - Average percent		
K total	12.50	AVG - Average percent		
S total	3.00	AVG - Average percent		
Mg	1.20	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
15-Sep-2016	Peter Wood	Change from minimum values to average values
7-Dec-2017	Peter Wood	K value changed by AN 7 Dec 2017

Yara Mila Complex

			Analysis %	Variance %
N total	12.40	AVG - Average percent		
Fe	2000.00	AVG PPM - Avg PPM		
Zn	200.00	AVG PPM - Avg PPM		
Cd	280.00	MGKG - Max mg per kg P		
P total	5.20	AVG - Average percent		
P citric	4.10	AVG - Average percent		
P water	3.00	AVG - Average percent		
K total	15.00	AVG - Average percent		
S	8.00	AVG - Average percent		

Fertmark Declared Values

Ballance GROUP

Date: 1/07/2019

Mg	1.60	AVG - Average percent		
Ca total	2.50	AVG - Average percent		
B	150.00	AVG PPM - Avg PPM		

Date Changed By Comment

YaraBela CAN

Analysis %

Variance %

N total	27.00	AVG - Average percent		
N water	26.00	AVG - Average percent		
Mg total	2.00	AVG - Average percent		
Ca total	4.00	AVG - Average percent		

Date Changed By Comment

15-Dec-2010

Hydro Complex changes name to Yara Mila Complex

YaraLiva Nitrabor

Analysis %

Variance %

N total	15.50	AVG - Average percent		
B	0.30	AVG - Average percent		

Date Changed By Comment

YaraMila 12-10-10

Analysis %

Variance %

N total	12.00	AVG - Average percent		
P total	10.00	AVG - Average percent		
K total	10.00	AVG - Average percent		
S total	2.00	AVG - Average percent		
Mg	1.00	AVG - Average percent		
Fe	1500.00	AVG PPM - Avg PPM		
Zn	70.00	AVG PPM - Avg PPM		

Date Changed By Comment

YaraMila 8-11-20

Analysis %

Variance %

N total	8.00	AVG - Average percent		
P total	10.50	AVG - Average percent		
K total	20.00	AVG - Average percent		
S total	2.80	AVG - Average percent		
B	100.00	AVG PPM - Avg PPM		
Cu	100.00	AVG PPM - Avg PPM		
Fe	1500.00	AVG PPM - Avg PPM		

Fertmark Declared Values

Ballance GROUP

Date: 1/07/2019

Mn	100.00	AVG PPM - Avg PPM		
Zn	70.00	AVG PPM - Avg PPM		

Date Changed By Comment

YaraMila Faster

Analysis %

Variance %

N total	24.60	AVG - Average percent		
P total	3.00	AVG - Average percent		
K total	5.60	AVG - Average percent		
Mg	0.80	AVG - Average percent		

Date Changed By Comment

YaraMila Grower NZ

Analysis %

Variance %

N total	13.00	AVG - Average percent		
P total	2.60	AVG - Average percent		
K total	17.40	AVG - Average percent		
S total	10.00	AVG - Average percent		
Mg total	1.50	AVG - Average percent		
Zn	0.02	AVG - Average percent		
B	0.02	AVG - Average percent		

Date Changed By Comment

Fertmark Declared Values

Ballance Kapuni

Date: 1/07/2019

Nrich Urea

Analysis %

Variance %

N total	46.00	AVG - Average percent		
Biuret	1.25	PCNTMAX - Max Percent		

Date

Changed By

Comment

26-Jun-2001

As advised

29-Mar-2002

Revised product classification

20-Oct-2004

Biuret limit raised by TS

Fertmark Declared Values

Ballance Mt Maunganui

Date: 1/07/2019

Serpentine Super

			Analysis %	Variance %
P total	6.80	AVG - Average percent		
P citric	4.80	AVG - Average percent		
P water	3.00	PCNTMAX - Max Percent		
S total	8.40	AVG - Average percent		
Mg total	5.00	AVG - Average percent		
Ca total	16.50	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
18-May-2004		Serp Super DV adjusted by TS
1-Jul-2008		DVs altered by TS

Sulphur Gain 30S

			Analysis %	Variance %
P total	7.00	AVG - Average percent		
P citric	6.10	AVG - Average percent		
P water	5.80	AVG - Average percent		
S total	29.50	AVG - Average percent		
S elem	21.30	AVG - Average percent		
Ca	17.50	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
17-Oct-2005		Name Change Sulphur Super becomes Sulphur Grain by TS
1-Jul-2008		DVs altered by TS
1-Oct-2010		DVs altered by TS

Super Ten

			Analysis %	Variance %
P total	9.00	AVG - Average percent		
P citric	7.80	AVG - Average percent		
P water	7.40	AVG - Average percent		
S total	10.50	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
18-May-2004		Super Ten DVs adjusted by TS
9-Jan-2006		Sulphur registration of Superten lowered by TS
1-Jul-2008		DVs altered by TS

Fertmark Declared Values

Brown Quality Lime

Date: 1/07/2019

Agricultural Lime

Analysis %

Variance %

Psa 2	95.00	AVG - Average percent		
Psa 0.5	50.00	AVG - Average percent		
Neut value	82.00	AVG - Average percent		
Moisture				

Date

Changed By

Comment

1-Sep-2004

As advised by SH

2-Oct-2007

NV increased by RK

12-Feb-2013

Justin Moss

reduced Neut from 87 to 85 as per email from PW 12/02/2013

Fertmark Declared Values

Fertco (2016) Ltd

Date: 1/07/2019

Dical-8

			Analysis %	Variance %
P total	7.80	AVG - Average percent		
P citric	6.50	AVG - Average percent		
P water	0.60	AVG - Average percent		
Ca total	25.00	AVG - Average percent		
S total	9.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

Date

Changed By

Comment

20-Feb-2012

Peter Wood

Ca value lowered by FK

17-Nov-2015

Justin Moss

Email from PW - increase the Declared Value for Fertco Dical-8 (DCP8) from 8.0% to 9.0% for S total (TS).

Sulphate of Ammonia

			Analysis %	Variance %
N total	20.00	AVG - Average percent		
Total S	23.00	AVG - Average percent		

Date

Changed By

Comment

Fertmark Declared Values

Flynn Holding Ltd

Date: 1/07/2019

Viafos Guano Phosphate V10

			Analysis %	Variance %
P total	10.25	AVG - Average percent		
P citric	3.00	AVG - Average percent		
Ca total	27.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		
Water Soluble	0.00	AVG - Average percent		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
10-Nov-2011		As advised by KJ
7-May-2015	Justin Moss	email from PW: P total change from '10.30' to '10.25' / P citric change from '4.48' to 'at least 30% of TP' / Ca and Cd stay the same / Reason: 'Version 2 as advised by KJ 4 May 2015'
23-Nov-2016	Peter Wood	CSP changed from 30% to 3.3%
17-Nov-2017	Peter Wood	CSP changed from 3.3% to 3.1% by RM on 14 Nov 2017
15-May-2018	Peter Wood	CSP lowered to 3.0 by Reagan Bayly

Fertmark Declared Values

Graymont Lime - Makareao Quarry

Date: 1/07/2019

Agricultural Lime

Analysis %

Variance %

Psa 2	95.00	AVG - Average percent		
Psa 0.5	50.00	AVG - Average percent		
Neut value	95.00	AVG - Average percent		
Moisture				

Date

Changed By

Comment

30-Aug-2010

As advised

Fertmark Declared Values

Graymont Lime - Oparure Quarry

Date: 1/07/2019

Agricultural Lime

Analysis %

Variance %

Ca total	36.80	AVG - Average percent		
Psa 2	95.00	AVG - Average percent		
Psa 0.5	50.00	AVG - Average percent		
Neut value	90.00	AVG - Average percent		
Moisture				

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
26-Jun-2001	Peter Wood	as advised 26 June 2001
2-Aug-2005	Peter Wood	as advised by PR 2 August 2005
10-Nov-2006	Peter Wood	NV lowered by BG 10 Nov 2006
29-Jun-2011	Peter Wood	NV lowered by BG 29 June 2011

Fertmark Declared Values

Lime Stone Ltd

Date: 1/07/2019

Agricultural Lime

Analysis %

Variance %

Ca total	38.00	AVG - Average percent		
Psa 2	95.00	AVG - Average percent		
Psa 0.5	50.00	AVG - Average percent		
Neut value	94.50	AVG - Average percent		
Moisture		AVG - Average percent		

Date

Changed By

Comment

Fertmark Declared Values

Osflo

Date: 1/07/2019

Osflo Fertiliser

Analysis %

Variance %

N	3.00	AVG - Average percent		
P	0.63	PCNT - Min Percent		
K	1.80	PCNT - Min Percent		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
26-Jun-2011		As advised
18-Sep-2002		Renewed application from AN
6-Nov-2002		Parameters changed by AN
3-Feb-2005		DV for P changed
30-Nov-2009		DV for K increased from 1.7%
25-Jan-2012		DVs fir TP and TK reduced by AN
6-Nov-2012	Peter Wood	TK increased from 1.7% to 1.9% by AN on 5 Nov 2012
12-Dec-2013	Justin Moss	changed as per email from PW, N - unchanged P-lowered to 1.0% K - lowered to 1.8%
13-Nov-2014	Justin Moss	as per email from PW: TN lowered to 3.1%, TK raised to 1.9%
22-Apr-2016	Justin Moss	changed as per email from Peter Wood 22/04/2016 TN change from 3.1% to 3.3% TP change from 1.0% to 1.1% TK no change
22-May-2018	Peter Wood	DVs changed by AN 21 May 2018
8-Nov-2018	Peter Wood	TN changed from 2.8% to 2.5%, TP changed from 0.9% to 0.6% and TK changed from 2.0% to 1.8%
27-Mar-2019	Peter Wood	TN DV raised from 2.50% to 3.00% based on new analyses

Fertmark Declared Values

Ravensdown Christchurch

Date: 1/07/2019

Serpentine Super

			Analysis %	Variance %
P total	6.70	AVG - Average percent		
P citric	5.10	AVG - Average percent		
P water	2.70	AVG - Average percent		
S total	8.60	AVG - Average percent		
Mg total	5.00	AVG - Average percent		
Ca total	15.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
13-Sep-2018	Peter Wood	Mg lowered from 5.5% to 5.0% by MM

Sulphur Super 30

			Analysis %	Variance %
P total	7.00	AVG - Average percent		
P citric	6.10	AVG - Average percent		
P water	5.70	AVG - Average percent		
S total	30.10	AVG - Average percent		
S elemental	21.00	AVG - Average percent		
Ca total	16.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
7-Jan-2004		Sulphur Super S total level lowered by RC
13-Apr-2004		Sulphur Super 30 added by RC
1-Nov-2008		TP and DV lowered from 7.1% to 7.0% by MM
1-Jul-2008		DVs altered by MM
21-Jan-2016	Justin Moss	email from PW - P citric soluble 6.3% → 6.1% / P water soluble 5.9% → 5.7%

Superphosphate

			Analysis %	Variance %
P total	9.00	AVG - Average percent		
P citric	7.80	AVG - Average percent		
P water	7.30	AVG - Average percent		
S total	11.00	AVG - Average percent		
Ca total	20.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
21-Jan-2016	Justin Moss	email from PW - P citric soluble 8.0% → 7.8% / P water soluble 7.6% → 7.3%

Fertmark Declared Values

Ravensdown Dipton Lime

Date: 1/07/2019

Agricultural Lime

Analysis %

Variance %

Psa 2	95.00	AVG - Average percent		
Psa 0.5	50.00	AVG - Average percent		
Neut value	78.00	AVG - Average percent		
Moisture				

Date

Changed By

Comment

1-Sep-2004

As advised by SH

5-Nov-2013

Justin Moss

lowered Declared Valued for Neut Value from 80% to 79% as per email from PW

12-Jul-2017

Justin Moss

Lowered DV for Neutralising Value (NV) from 80% to 78% as per email from PW

Fertmark Declared Values

Ravensdown Dunedin

Date: 1/07/2019

Serpentine Super

			Analysis %	Variance %
P total	6.70	AVG - Average percent		
P citric	5.10	AVG - Average percent		
P water	2.70	AVG - Average percent		
S total	8.60	AVG - Average percent		
Mg total	5.00	AVG - Average percent		
Ca total	15.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
3-May-2002		Serpentine Super added
1-Nov-2008		TP lowered from 6.8% to 6.7% by MM
13-Sep-2018	Peter Wood	Mg lowered from 5.5% to 5.0% by MM

Sulphur Super 30

			Analysis %	Variance %
P total	7.00	AVG - Average percent		
P citric	6.10	AVG - Average percent		
P water	5.70	AVG - Average percent		
S total	30.10	AVG - Average percent		
S elemental	21.00	AVG - Average percent		
Ca total	16.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
7-Jan-2004		Sulphur Super S levels lowered by RC
13-Apr-2004		Sulphur Super added by RC
1-Jun-2011		DVs altered by MM
21-Jan-2016	Justin Moss	email from PW - P citric soluble 6.3% → 6.1% / P water soluble 5.9% → 5.7%

Superphosphate

			Analysis %	Variance %
P total	9.00	AVG - Average percent		
P citric	7.80	AVG - Average percent		
P water	7.30	AVG - Average percent		
S total	11.00	AVG - Average percent		
Ca total	20.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
21-Jan-2016	Justin Moss	email from PW - P citric soluble 8.0% → 7.8% / P water soluble 7.6% → 7.3%

Fertmark Declared Values

Ravensdown Geraldine Lime

Date: 1/07/2019

Agricultural Lime

Analysis %

Variance %

Psa 2	95.00	AVG - Average percent		
Psa 0.5	50.00	AVG - Average percent		
Neut value	78.00	AVG - Average percent		
Moisture				

Date

Changed By

Comment

1-Sep-2004

As advised by SH

3-Aug-2006

NV increased by RK

Fertmark Declared Values

Ravensdown Green Leaf

Date: 1/07/2019

Agricultural Lime

Analysis %

Variance %

Ca total	26.80	AVG - Average percent		
Psa 2	95.00	AVG - Average percent		
Psa 0.5	50.00	AVG - Average percent		
Neut value	69.00	AVG - Average percent		
Moisture				

Date

Changed By

Comment

26-Jun-2001

As advised

10-Aug-2006

NV increased by RK

1-May-2007

Psa level reduced

2-Oct-2007

NV Increased

Fertmark Declared Values

Ravensdown GROUP

Date: 1/07/2019

Ammonium Sulphate

Analysis %

Variance %

N total	20.00	AVG - Average percent		
S total	23.00	AVG - Average percent		

Date

Changed By

Comment

14-Nov-2017

Justin Moss

updated Declared Values N total 20.5% → 20.0% / S total 24.0% → 23.0% - as per email from PW / c/- Murray Mackenzie

CAN

Analysis %

Variance %

N total	27.00	AVG - Average percent		
Ca total	8.00	AVG - Average percent		

Date

Changed By

Comment

DAP

Analysis %

Variance %

N total	17.60	AVG - Average percent		
P total	20.00	AVG - Average percent		
P citric	19.50	AVG - Average percent		
P water	17.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

Date

Changed By

Comment

2-Dec-2013

Justin Moss

changed as per email from PW, N total 17.6%, P water 17.0%

Esta Kieserite

Analysis %

Variance %

S total	20.00	AVG - Average percent		
Mg total	15.00	AVG - Average percent		

Date

Changed By

Comment

MAP

Analysis %

Variance %

N total	10.00	AVG - Average percent		
P total	22.00	AVG - Average percent		
P citric	21.00	AVG - Average percent		
P water	19.50	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

Date

Changed By

Comment

19-Mar-2019

Peter Wood

TN changed from 11% to 10% by MM

Nitophoska Perfekt

Analysis %

Variance %

N total	15.00	AVG - Average percent		
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Fertmark Declared Values

Ravensdown GROUP

Date: 1/07/2019

B	200.00	AVG PPM - Avg PPM		
Zn	100.00	AVG PPM - Avg PPM		
P total	2.20	AVG - Average percent		
P citric	2.20	AVG - Average percent		
P water	1.10	AVG - Average percent		
K total	16.60	AVG - Average percent		
S SO4	8.00	AVG - Average percent		
Mg total	1.20	AVG - Average percent		
Mg water	1.00	AVG - Average percent		
Ca total	1.80	AVG - Average percent		

Date Changed By Comment

Nitrophoska Extra

Analysis %

Variance %

			Analysis %	Variance %
N total	12.00	AVG - Average percent		
B	200.00	AVG PPM - Avg PPM		
Zn	100.00	AVG PPM - Avg PPM		
P total	5.20	AVG - Average percent		
P citric	5.00	AVG - Average percent		
K total	14.00	AVG - Average percent		
S total	6.00	AVG - Average percent		
S SO4	6.00	AVG - Average percent		
Mg total	1.20	AVG - Average percent		
Mg water	0.60	AVG - Average percent		
Ca total	5.00	AVG - Average percent		

Date Changed By Comment

N-Protect

Analysis %

Variance %

			Analysis %	Variance %
N total	46.00	AVG - Average percent		
Biuret	1.00	PCNTMAX - Max Percent		
NBPT	300.00	AVG PPM - Avg PPM		

Date Changed By Comment

21-Jan-2016 Justin Moss added adding a declaration for the key ingredient, NBPT - long name - N-(n-Butyl) thiophosphoric triamide 400 mg/kg

13-Oct-2016 Justin Moss Email from Ravensdown to update N-Protect declared values as follows: NBPT 300 mg/kg / N (total) 46.0%

Potassium Chloride (MOP)

Analysis %

Variance %

Fertmark Declared Values

Ravensdown GROUP

Date: 1/07/2019

K total	50.00	AVG - Average percent		
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Date Changed By Comment

RPR

Analysis %

Variance %

P total	13.00	AVG - Average percent		
P citric	5.20	AVG - Average percent		
P formic	8.00	AVG - Average percent		
Ca total	30.00	AVG - Average percent		
Psa 1	93.00	AVG - Average percent		
Psa 2	90.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

Date Changed By Comment

8-Mar-2002 P formic DV added

13-Sep-2011 Values increased by MM

2-Dec-2013 Justin Moss changed as per email from PW, P total 14.1%, P citric 4.7%, P formic 8.5%, Ca total 35.1%

22-Jan-2015 Justin Moss changed as per email from PW 22/01/15: P total 14.1% → 12.8%; P citric 4.7% → 3.9%; P formic 8.5% → 7.2%; Ca total 35.1% → 34.8%; PSA 1 99% → 93%; PSA 0.5 98% → not declared

20-Jan-2016 Justin Moss changed as per email from PW 20/01/16 - P total 12.8% → 11.7% / P citric 3.9% → 3.9% (remains same) / P formic 7.2% → 7.3% / Ca total 34.8% → 33.5% / Psa 1 93% → 93% (remains same) / Psa 2 n.d. → 90%

4-Apr-2018 Peter Wood Changed as per email from Murray Mackenzie 4 April 2018.

Selprill Double

Analysis %

Variance %

Se	2.00	AVG - Average percent		
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Date Changed By Comment

1-Feb-2005 Selprill Double added

Sulphate of Potash

Analysis %

Variance %

K total	41.50	AVG - Average percent		
S total	18.00	AVG - Average percent		

Date Changed By Comment

14-Nov-2017 Justin Moss updated Declared Values K total 42.0% → 41.5%- as per email from PW / c/- Murray Mackenzie

Triple Super

Analysis %

Variance %

P total	20.50	AVG - Average percent		
P citric	18.50	AVG - Average percent		

Fertmark Declared Values

Ravensdown GROUP

Date: 1/07/2019

P water	16.50	AVG - Average percent		
Ca total	16.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

Date Changed By Comment

Urea

Analysis %

Variance %

N total	46.00	AVG - Average percent		
Biuret	1.00	PCNTMAX - Max Percent		

Date Changed By Comment

Fertmark Declared Values

Ravensdown Napier

Date: 1/07/2019

Serpentine Super

			Analysis %	Variance %
P total	6.70	AVG - Average percent		
P citric	5.10	AVG - Average percent		
P water	2.70	AVG - Average percent		
S total	8.60	AVG - Average percent		
Mg total	5.00	AVG - Average percent		
Ca total	15.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
3-May-2002		Perpentine Super added
1-Nov-2008		TP lowered from 6.8% to 6.7% by MM
13-Sep-2018	Peter Wood	Mg lowered from 5.5% to 5.0% by MM

Sulphur Super 30

			Analysis %	Variance %
P total	7.00	AVG - Average percent		
P citric	6.10	AVG - Average percent		
P water	5.70	AVG - Average percent		
S total	30.10	AVG - Average percent		
S elemental	21.00	AVG - Average percent		
Ca total	16.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
7-Jan-2004		Sulfur Super S total level lowered by RC
13-Apr-2004		Sulphur Super 30 added by RC
1-Nov-2008		TP and DV lowered from 7.1% to 7.0% by MM
1-Jul-2011		DVs altered by MM
21-Jan-2016	Justin Moss	email from PW - P citric soluble 6.3% → 6.1% / P water soluble 5.9% → 5.7%

Superphosphate

			Analysis %	Variance %
P total	9.00	AVG - Average percent		
P citric	7.80	AVG - Average percent		
P water	7.30	AVG - Average percent		
S total	11.00	AVG - Average percent		
Ca total	20.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		

Fertmark Declared Values

Ravensdown Napier

Date: 1/07/2019

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
21-Jan-2016	Justin Moss	email from PW - P citric soluble 8.0% → 7.8% /P water soluble 7.6% → 7.3%

Fertmark Declared Values

Ravensdown Ngarua Lime

Date: 1/07/2019

Agricultural Lime

Analysis %

Variance %

Psa 2	95.00	AVG - Average percent		
Psa 0.5	50.00	AVG - Average percent		
Neut value	94.00	AVG - Average percent		
Moisture				

Date

Changed By

Comment

1-Sep-2004

As advised by SH

18-Nov-2013

Justin Moss

lowered Declared Valued for Neut Value from 97% to 94% as per email from PW

Fertmark Declared Values

Ravensdown Supreme Lime

Date: 1/07/2019

Agricultural Lime

Analysis %

Variance %

Ca total	36.00	AVG - Average percent		
Psa 2	95.00	AVG - Average percent		
Psa 0.5	50.00	AVG - Average percent		
Neut value	83.00	AVG - Average percent		
Moisture	1.00	AVG - Average percent		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
26-Jun-2001		As advised
4-Mar-2001		As advised by RK
19-Jul-2006		NV reduced by Rob Kinnie
2-May-2009		NV reduced from 91%
28-Apr-2016	Justin Moss	as per email from PW: Neutralising Value (NV). Change from 89% to 91%.
3-May-2018	Peter Wood	NV lowered by Craig Hendry 2 May 2018

Fertmark Declared Values

Ravensdown White Rock

Date: 1/07/2019

Agricultural Lime

Analysis %

Variance %

Psa 2	95.00	AVG - Average percent		
Psa 0.5	50.00	AVG - Average percent		
Neut value	84.00	AVG - Average percent		
Moisture				

Date

Changed By

Comment

1-Sep-2004

As advised by SH

10-Aug-2006

NV increased by RK

2-Oct-2007

NV decreased by RK

Fertmark Declared Values

Rorisons RMD Ltd

Date: 1/07/2019

Agricultural Lime

Analysis %

Variance %

Neutralising	93.00	AVG - Average percent		
Psa 2	95.00	AVG - Average percent		
Psa 0.5	50.00	AVG - Average percent		

Date

Changed By

Comment

Fertmark Declared Values

TerraCare Fertilisers Ltd

Date: 1/07/2019

Replenish 90

			Analysis %	Variance %
P total	9.00	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		
P citric	6.20	AVG - Average percent		
P water	2.20	AVG - Average percent		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
1-May-2004		As advised
1-May-2006		Company name changed
8-Aug-2006		Product change as advertised
29-Jan-2008		DVs changed by DF
20-Oct-2008		Replenish TP and CSP DVs reduced by DF
5-Sep-2011		Replenish WSP reduced by DF
15-Apr-2013	Justin Moss	WSP value lowered from 3.0 to 2.5% by CW on 9 April 2013
15-Aug-2017	Peter Wood	As advised by Tracey
20-Sep-2017	Peter Wood	As per request from Tracey Burgess-Jones

uPgrade

			Analysis %	Variance %
P total	6.50	AVG - Average percent		
Cd	280.00	MGKG - Max mg per kg P		
P citric	4.10	AVG - Average percent		
P water	0.30	AVG - Average percent		

<u>Date</u>	<u>Changed By</u>	<u>Comment</u>
15-Aug-2017	Peter Wood	As advised by Tracey
20-Sep-2017	Peter Wood	As per request from Tracey Burgess-Jones
26-Apr-2018	Peter Wood	At AT request TS and Ca were removed as Declared Values

Fertmark Declared Values

United Fisheries Ltd

Date: 1/07/2019

Bio Marinus Biological Liquid Fish Fertiliser

Analysis %

Variance %

N total	1.60	AVG - Average percent		
P total	1.20	AVG - Average percent		
K total	0.20	AVG - Average percent		
S total	0.10	AVG - Average percent		
Ca	0.20	AVG - Average percent		

Date

Changed By

Comment

Bio Marinus Hydrolysed Fish Fertiliser

Analysis %

Variance %

N total	1.60	AVG - Average percent		
P total	1.20	AVG - Average percent		
K total	0.20	AVG - Average percent		
S total	0.10	AVG - Average percent		
Ca	0.20	AVG - Average percent		

Date

Changed By

Comment

Bio Marinus Organic Liquid Fish Fertiliser

Analysis %

Variance %

N total	1.60	AVG - Average percent		
P total	1.20	AVG - Average percent		
K total	0.20	AVG - Average percent		
S total	0.10	AVG - Average percent		
Ca	0.20	AVG - Average percent		

Date

Changed By

Comment