



PRICELIST

2016 (V1)

Free Experts' Advice
 Flexible Nutrients Budget
 Flexible Payment Options
 Soil, Herbage / Plant Test

0800 77 55 11
 www.mybsl.co.nz
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Distributor



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Terms and Conditions

1. Laboratory Services

We are using services of independent lab "Hill Laboratories" for all plant and soil related tests.

2. Acknowledgement and undertaking

I/we acknowledge and undertake as follows:

All information provided on this credit application form is true and accurate. Any inaccuracies or false information may void credit arrangements with BSL at their discretion. 50% advance deposit may require, if the order is over \$10000. Use of the running of an account with BSL shall constitute acceptance of the BSL "standard terms and conditions of trade". In absence of a quotation or proposal from BSL, the current version will be the "Standard term and condition of trade" effective at the time an order is placed by the customer.

Where this application is being executed by or on behalf of a company, the authorised signatory undertakes that he/she/they-have full authority to buying the company.

The customer acknowledges that BSL standard terms and condition of trade as referred to above together with this application constitute a security agreement for the purposes of the personal property securities ACT 1999 and by executing this application consent to the granting of a security interest and the registration of a financing statement on the personal property securities register as specified in the said terms and conditions of trade.

All goods will remain the property of BSL until fully paid for. If the purchasing company of its buyers/agents fail to make payment owing, then its owners, directors and shareholders are personally liable for the payment owing for the goods to BSL.

Payment is due on the 20th of the month.

All prices excluding GST and freight, subject to change without prior notice.

Damaged products can be replaced within 7 days (proof required for freight company and the party). Any other cases product cannot be replaced.

Normal Freight Tariff	Under 20 Kg/L	20-200L/Kg \$ per L/Kg	201- 600L/Kg \$ per L/Kg	601-1000L/Kg \$ per L/Kg	>1000L/Kg \$ per L/Kg
North Island	Minimum charges \$9	\$0.50	\$0.35	\$0.25	\$0.20
South Island	Minimum charges \$14	\$0.75	\$0.50	\$0.35	\$0.30

Notes

All Farmers Free Support Programs.

Key

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A. Liquid Fertiliser: Buy Minimum 200L

	When you apply 15-25L/ha	When you apply >30L/ha
1	\$15/ha rebate to support in application cost. Or BSL will pay your half of the application cost to spray contractor. Or	\$30/ha rebate to support in application cost. Or BSL will pay your full of the application cost to spray contractor. Or
2	Free delivery or	Free delivery and Soil auger x 1 (7.5cm / 15cm with soil testing kit) or
3	Free complete soil test x 1. Or	Free complete soil test x 2. Or
4	Free leaf / herbage test x1. Or	Free leaf / herbage test x2. Or
5	Free soil auger x 1 (7.5cm for pasture or 15cm for horticulture crops - choose any one) + sampling kit) or	Free soil auger x 2 (7.5cm for pasture / 15cm for horticulture crops - choose any two) + sampling kit. Or
6	Free knap sack sprayer 15L x 1. Or	Free knap sack sprayer 15L x 2. Or
7	Free 10% extra product.	Free 20% extra product.

B. Solid Fertiliser

Purchase solid fertiliser minimum \$5000 and get free

1. complete soil test or leaf test or herbage test or petiole test or water test x1. if you need more than 1 tests, ring us first 0800 77 55 11 to discuss entitlement. Or
2. Free soil auger x 1 (7.5cm for pasture or 15cm for horticulture crops - choose any one + sampling kit) Or
3. Free knap sack sprayer 15L x 1. Or
4. Free 5% extra product. Or
5. Price Discount 4% or
6. BSL will share 50% cost of delivery.

Solid Fert Freight	Under One Tonne	> One Tonne
North Island	\$0.50/kg	\$0.25/kg
South Island	\$0.75/kg	\$0.35/kg

C. Water Soluble Fertiliser

Buy Minimum 100kg and get free delivery or one soil auger or 5% extra product or price discount

D. Mini Order

Make minimum your order \$1000 with multiple products range and get free delivery.

PRODUCT TYPE	ALL FARMERS FREE SUPPORT PROGRAM - REBATE - choose one
Solid Fertiliser	B
Liquid Fertiliser	A
Multi Choice Liquid Fertiliser Blends +TE	A
Water Soluble Products	C or D
High Concentrate Liquid Fertiliser	A
Organic Fertilisers	A or C
Lime and pH Adjusters	A or C
Trace Elements (TE)	A or C
Add in Products \$1/L	Not Applicable
Innovative Products	A or C or D
Animal Health Products	A or C or D
Cleaning Chemicals (Industrial Cleaners)	D
Dairy Detergents and Cleaning Chemicals	D
Bio Fertiliser	A or C or D
Equine Products	A or C or D
Home Grow and Nurseries	D
Forestry Product	A or B or C or D
Post Harvesting Products	A or C or D

We have experienced mostly clients prefer to make customised blend, either before soil test or after. That's why the following policy will suit to solid fertilisers Clients.

Code	Product - Nutrients	Minimum Order one tonne in 1 tonne bag / half tonne bags - cost of bag is \$15 each	Minimum Order one tonne in 25kg bags	Order more than one tonne in 1 tonne bags / half tonne bags - cost of bag is \$15 each	Order more than one tonne in 25kg bags	Order under 1 Tonne in 25kg bags	Order under 1 Tonne in 1 tonne bag / half tonne bag - cost of bag is \$15 each
Solid 1	N-P-K-S-Mg-Ca-Si	\$0.95/kg	\$1.25/kg	\$0.85/kg	\$1.15/kg	2.50/kg	2.25/kg
Solid 2	N-P-K-S-Mg-Ca-Si+ TE (Trace Elements)	\$1.25/kg	\$1.55/kg	\$1.15/Kg	\$1.45/Kg	2.75/kg	2.50/kg
Solid 3	N-P-K-S-Mg-Ca-Si+ Organic Matter	\$1.25/kg	\$1.55/kg	\$1.15/Kg	\$1.45/Kg	2.75/kg	2.50/kg
Solid 4	N-P-K-S-Mg-Ca-Si+TE (Trace Elements) +Organic Matter	\$2.25/Kg	\$2.55/Kg	\$1.95/kg	\$2.25/kg	3.75/kg	3.50/kg

Freight Policy only for solid fertiliser

Location	Under One Tonne	> One Tonne
North Island	\$0.50/Kg	\$0.25/Kg
South Island	\$0.75/Kg	\$0.35/Kg

All Farmers FREE Support Program for solid fertiliser.

Purchase solid fertiliser minimum \$5000 and get free

1. complete soil test or leaf test or herbage test or petiole test or water test x1. if you need more than 1 tests, ring us first 0800 77 55 11 to discuss entitlement. Or
2. Free soil auger x 1 (7.5cm for pasture or 15cm for horticulture crops - choose any one + sampling kit) Or
3. Free knap sack sprayer 15L x 1. Or
4. Free 5% extra product. Or
5. Price Discount 4%
6. BSL will share 50% cost of delivery.

No	Product	Nutrients	Form	N %	P %	K %	S %	Mg %	Ca %	TE ppm /%	20L \$/L	>200L \$/L	>1000L \$/L	Crop
1	Ansol	N + Seaweed +TE	Liquid	10						< 500 PPM (Cu,B,Fe,Na)	8.95	7.65	6.50	All Crops
2	Blossum Boost	N P K +TE	Liquid	2	5	10				< 500 PPM (Cu,B,Fe,Na)	8.95	7.65	6.50	Horticulture
3	CalSulfur	Ca75g/L, S150g/L	Liquid								7.75	5.50	4.95	Vine & Horti-
4	Cellguard	N Ca	Liquid	7					9	< 500 PPM (Cu,B,Fe,Na,Zn)	8.95	7.65	6.50	All Crops
5	Enmag	N, Mg	Liquid	4.5				4.5		>200ppmB,Zn,Cu,Na,Co,Mo, Fe	8.95	7.65	6.50	All crops
6	EnzyCarb - Sus	K S +TE	Suspension			14	6			< 500 PPM (Cu,B,Fe,Na,Zn)	14.00	11.20	9.50	All Crops
7	Swift	N + PGR+ TE	Liquid	20						Pgr1g/L+B, Zn, Na	9.50	7.85	6.75	All crop
8	Fooliboos-Clear	N P K S Mg -Cu, B,	Liquid	5	2	4	2	1.5		<500 PPM (Cu,B,Na)	8.95	7.65	6.50	All Crops
9	Grapex (for grapes)	NPKSMg +Sweed &	Liquid	5	3	6	ppm	ppm		<500 PPM Cu,B,Fe,Zn, Mn,	9.25	7.65	6.25	Grapes
10	Green Grow	N S	Liquid	10			11			<200 PPM (Cu,B,Fe,Zn, Mn,)	8.25	6.25	5.62	All Crops
11	Grosil NZ	Silicon 135g/L	Liquid							5L available @ \$14/L	12.5	9.95	8.85	All Crops
12	HiCal / Cal 15	Ca	Liquid						15	Mg , B, Zn, Mn, Cu, Fe	9.25	7.65	6.50	All Crops
13	Hortx – Lq	N P K	Liquid	10	3	6	ppm	ppm		<500 PPM (Cu,B,Fe,Zn, Mo,)	12.50	9.95	8.95	Hort Crops
14	Kiwicon (for Kiwi-	N P K S Mg +Sweed	Liquid	8	3	6	ppm	ppm		<500 PPM (Cu,B,Fe,Zn, Mn,)	8.25	6.25	5.60	Kiwifruit
15	Mag More	Mg+TE – soil feed	Liquid					12		< 500 PPM (Cu,B,Fe,Na,Zn)	7.85	6.25	5.60	All Crops
16	N-gro	N +TE	Liquid	20			ppm	ppm		< 500 PPM (Cu,B,Fe,Na)	6.25	5.90	4.75	All Crops
17	Olives Mix	NPK SMg	Liquid	10	2	4	1			<500 PPM (Cu,B,Fe,Zn, Mn,)	12.5	9.95	8.95	Olives
18	Ornaboost	NPK	Liquid	6	4	2	1			B,Zn, Cu, Mn, I, Mo, Co	8.95	7.15	5.95	Ornamentals
19	Pasture Pulse	N P K +TE	Liquid	8	3	6	ppm	ppm		< 500 PPM (Cu,B,Fe,Na)	8.95	7.65	6.50	Pasture
20	Phos tack - Lq	P K +TE	Liquid		8	16				< 500 PPM (Na,B,Zn)	8.90	8.00	6.90	All Crops
21	PK - Oxy– Sus	P K +TE	Suspension		7	9				< 500 PPM (Cu,B,Fe,Na,Zn)	8.25	6.65	6.25	All Crops
22	Magfast	Mg	Liquid					6		>200 ppm B, Zn, Cu, Na, Fe	7.00	5.60	4.95	All Crops
23	Roots Boost	N P K +Org Matter	Liquid	5	2	8	1			Zn 1% + Organic Matter 10%	12.50	9.95	8.95	All Crops
24	Sulfex	Sulfur 60 -70%	Liquid								8.75	7.50	6.75	Vine & Horti-
25	Summer Booster	N P K	Liquid	5	2	4	ppm	ppm		< 500 PPM (Cu,B,Fe,Na)	6.95	5.95	5.25	All Crops
26	Urgent	N Ca		5					15					
27	VitaChlor – Sus	S Mg +TE	Suspension				4	3		< 500 PPM (Cu,B,Fe,Na,Zn)	7.75	6.20	5.60	All Crops
28	Winter Booster	N P K	Liquid	10	1	2	ppm	ppm		S, Mg, B, Na, Fe,Cu,Mo,Co	7.45	6.25	5.60	All Crops

Multi- Choice Liquid Fertilisers Blend with TE Ideal for Fertigation, Ground Application, Aerial Application, Slurry Application. Customised blend can be formulated. View "All Free Farmers Support Program" . Call Free 0800 77 55 11 - www.mybsl.co.nz

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No	Product Code	Main Nutrient /s	N %	P %	K %	S %	Mg%	Ca %	TE - Choose any 4 TE. 100-200 ppm	20L \$/L	>200L \$/L	>1000L \$/L	Comments
1	Multi-CLFB	N	10	2	4	1	0.7	1	Cu,Zn,B,Fe,Mn,Co,Na	8.90	6.70	5.95	5 - 25L / ha
2	Multi-CLFB	N S	10	1	2	10	0.7	1	Cu,Zn,B,Fe,Mn,Co,Na	8.90	6.70	5.95	5 - 25L / ha
3	Multi-CLFB	N S	5	1	2	5	0.7	1	Cu,Zn,B,Fe,Mn,Co,Na	6.90	5.95	5.25	5 - 25L / ha
4	Multi-CLFB	P K	2	10	13	1	0.7	1	Cu,Zn,B,Fe,Mn,Co,Na	8.90	6.70	5.95	5 - 25L / ha
5	Multi-CLFB	N K S	5	1	20	8	0.7	1	Cu,Zn,B,Fe,Mn,Co,Na	8.90	6.70	5.95	5 - 25L / ha
6	Multi-CLFB	N	20	1	2	2	1.5	1	Cu,Zn,B,Fe,Mn,Co,Na	6.90	5.95	5.25	5 - 25L / ha
7	Multi-CLFB	P K	2	8	22	1	0.7	1	Cu,Zn,B,Fe,Mn,Co,Na	6.90	5.95	5.25	5 - 25L / ha
8	Multi-CLFB	Ca	3	2	1	1	0.7	15	Cu,Zn,B,Fe,Mn,Co,Na	6.90	5.95	5.25	5 - 25L / ha -carbolime
9	Multi-CLFB	N Ca	10	2	1	1	0.7	8	Cu,Zn,B,Fe,Mn,Co,Na	6.90	5.50	4.95	5 - 25L / ha
10	Multi-CLFB	N Mg	15	2	1	1	5	1	Cu,Zn,B,Fe,Mn,Co,Na	7.90	6.95	5.85	5 - 25L / ha
11	Multi-CLFB	N P	10	13	2	2	1.5	1	Cu,Zn,B,Fe,Mn,Co,Na	8.90	6.70	5.95	5 - 25L / ha
12	Multi-CLFB	N K	10	1	13	2	1.5	1	Cu,Zn,B,Fe,Mn,Co,Na	8.90	6.70	5.95	5 - 25L / ha
13	Multi-CLFB	N P K	5	5	5	1	0.7	1	Cu,Zn,B,Fe,Mn,Co,Na	6.90	5.95	5.25	5 - 25L / ha
14	Multi-CLFB	N P K	10	10	10	1	0.7	1	Cu,Zn,B,Fe,Mn,Co,Na	11.95	9.95	8.95	5 - 25L / ha
15	Multi-CLFB	N Mg	10	2	3	1	7	1	Cu,Zn,B,Fe,Mn,Co,Na	7.90	5.95	5.25	5 - 25L / ha
16	Multi-CLFB	N P K	15	5	5	1	0.7	1	Cu,Zn,B,Fe,Mn,Co,Na	8.90	6.70	5.95	5 - 25L / ha
17	Multi-CLFB	N P K	5	15	5	1	0.7	1	Cu,Zn,B,Fe,Mn,Co,Na	8.90	6.70	5.95	5 - 25L / ha
18	Multi-CLFB	N P K	5	5	15	1	0.7	1	Cu,Zn,B,Fe,Mn,Co,Na	8.90	6.70	5.95	5 - 25L / ha
19	Multi-CLFB	N P K	7	7	7	1	0.7	1	Cu,Zn,B,Fe,Mn,Co,Na	8.90	6.70	5.95	5 - 25L / ha
20	Multi-CLFB	N Mg S	6	3	1.5	6	5	1	Cu,Zn,B,Fe,Mn,Co,Na	8.90	6.70	5.95	5 - 25L / ha

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Water Soluble Fertilisers Rapid action and easy to spray Application. Ideal for Fertigation, Ground Application and Aerial Application. Customised mix can be made with TE (Trace Elements). View TE under Trace Elements Heading. **Buy minimum 100 kg and get Free Delivery.**

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No	Product	Nutrients	Form	N %	P %	K %	S %	Mg %	Ca %	25Kg \$/Kg	>200 \$/Kg	>1000Kg \$/Kg	Application Rates
1	Amino Aim - (organic)	N (Organic)	Crystal	18						9.95	8.35	7.25	1kg/100L water or 5 - 20Kg/ha
2	Ca chelated	Ca	POWDER						10	27.00	21.6	18.00	For Foiar Spray Only:500g/ha
3	Cal16N	N Ca	CRYSTAL	11					16	7.95	6.95	5.50	1kg/100L water or 5 - 20Kg/ha
4	Cal 35	Ca							35	13.5	12.15	10.95	1kg/100L water or 5 - 20Kg/ha
5	K hi	K	FINE GRANULE			50				9.95	8.35	7.25	500gm/100L water or 5 -10kg/ha
6	K Phos	P K	POWDER		17	45				16.95	15.50	13.00	500gm/100L water or 5 -10kg/ha
7	K-Sul	K S	POWDER			42	18			7.95	6.95	5.50	1kg/100L water or 5 - 20Kg/ha
8	Mag 12	Mg	CRYSTAL					12		7.95	6.95	5.50	1kg/100L water or 5 - 20Kg/ha
9	MultiMix-K	N P K	POWDER	22	8	22				16.95	15.50	13.00	500gm/100L water or 5 -10kg/ha
10	MultiMix-P	N P K	POWDER	6	23	14				16.95	15.50	13.00	500gm/100L water or 5 -10kg/ha
11	N -Mag	N Mg	CRYSTAL	10				9		7.95	6.95	5.50	1kg/100L water or 5 - 20Kg/ha
12	PGR	>1kg\$1100/kg								500g-1kg\$1150/kg	400-499g\$1250/kg	300-399g\$1350/kg	200-299g\$1450/kg
13	Phos K -Sul	P K S+TE	powder		10	34	9			7.95	6.95	5.50	1kg/100L water or 5 - 20Kg/ha
14	Phos -N	N P	CRYSTAL	13	26					7.95	6.95	5.50	1kg/100L water or 5 - 20Kg/ha
15	PhosK	P K	POWDER		22	28				8.95	7.85	6.85	1kg/100L water or 5 - 20Kg/ha
16	Pot-N	N K	GRANULE	13		38				8.95	7.85	6.85	5-20kg/ha (soluble 100%)
17	SOM - soil org matter	High in Carbon	GRANULE							22.40/kg	18.95/kg	16.00	50gm/100L water or 5 -10kg/ha
	SulMag	S Mg	CRYSTAL				13	9		7.95	6.95	5.90	1kg/100L water or 5 - 20Kg/ha

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High Concentrate Liquid Fertilisers

Rapid action and easy to spray Application, for all crops. Ideal for Fertigation, Ground Application, Aerial Application and Slurry Application. Customised blends can be formulated with TE (Trace Elements). View TE under Trace Elements Heading. View "All Free Farmers Support Program" . Call Free 0800 77 55 11 - www.mybsl.co.nz

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No	Product	Nutrients	Form	N %	P %	K %	S %	Mg %	Ca %	TE >500 ppm /%	20L \$/L	>200 L	>1000L \$/L	Application Rates for all crops
1	Humi-N	N15% mixed with Humate K	Liquid	15						Cu,B,Fe,Na, Zn	7.95	6.65	5.95	Soil or Fertigation 20-50L/ha - Foliar 10 - 20L/ha
2	NCa-Mix	N Ca	Liquid	15					10	Cu,B,Fe,Na, Zn	12.5	9.95	8.95	Soil or Fertigation 10-30L/ha - Foliar 7 - 10L/ha
3	N-Grow	N	Liquid	20						Cu,B,Fe,Na, Zn	8.95	7.65	6.80	Soil or Fertigation 20-50L/ha - Foliar 10 - 20L/ha
4	PK-Mix	P K	Liquid		10	16				Cu,B,Fe,Na, Zn	12.5	9.95	8.95	Soil or Fertigation 10-30L/ha - Foliar 7 - 10L/ha
5	Pot-HI	P K	Liquid		3	25				Cu,B,Fe,Na, Zn	7.85	6.25	5.85	Soil or Fertigation 20-50L/ha - Foliar 10 - 20L/ha
6	N K-High	N K	Liquid	15		15				Cu,B,Fe,Na, Zn	7.85	6.25	5.85	Soil or Fertigation 20-50L/ha - Foliar 10 - 20L/ha
7	NP-Mix	N P	Liquid	5	10					Cu,B,Fe,Na, Zn	14.00	11.20	9.50	Soil or Fertigation 10-30L/ha - Foliar 7 - 10L/ha
8	NPK-Mix	N P K	Liquid	10	5	10				Cu,B,Fe,Na, Zn	8.95	7.65	6.80	Soil or Fertigation 20-50L/ha - Foliar 10 - 20L/ha
9	PK-Mix	P K	Liquid		7	20				Cu,B,Fe,Na, Zn	9.25	7.65	6.80	Soil or Fertigation 20-50L/ha - Foliar 10 - 20L/ha
10	En mag	N Mg	Liquid	5				5		Cu,B,Fe,Na, Zn	12.5	9.95	8.85	Soil or Fertigation 10-30L/ha - Foliar 7 - 10L/ha
11	K Sul	K S	Liquid			10	5			Cu,B,Fe,Na, Zn	8.25	6.25	5.85	Soil or Fertigation 20-50L/ha - Foliar 10 - 20L/ha
12														
13	P K Blend	P K	Liquid		8	16				Cu,B,Fe,Na, Zn	7.85	6.25	5.85	Soil or Fertigation 20-50L/ha - Foliar 10 - 20L/ha
14	Balance 555	N P K	Liquid	5	5	5				Cu,B,Fe,Na, Zn	7.95	6.65	5.95	Soil or Fertigation 20-50L/ha - Foliar 10 - 20L/ha
15	Balance 888	N P K	Liquid	8	8	8				Cu,B,Fe,Na, Zn	8.95	7.65	6.80	Soil or Fertigation 20-50L/ha - Foliar 10 - 20L/ha
16	Custom													Call 0800 775511

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Organic Fertilisers



View "All Free Farmers Support Program" . Call Free 0800 77 55 11 - www.mybsl.co.nz

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No	Product	Nutrients & Form	N %	P %	K %	S %	Mg %	Ca %	TE ppm /%	20L \$/L	>200L \$/L	>1000L \$/L
SEAWEED BASE												
1	Sea sato	Liquid	Certified by	Biogro						8.75	6.90	6.20
2	Sea Terra	Liquid	Certified by	Biogro						8.55	6.80	6.15
3	Double a seaweed	Powder	Certified by	Biogro						10/20kg . \$25/kg	200kg . \$21/kg	>200kg . \$19/kg
4	Natural Multimix	Kelp+Fulvic+Humic acid + Amino acid - liquid	0.3 - 0.6	0.3 -1.2	4-7	0.3 – 0.6	0.05 – 0.1	0.05 – 0.1%	Cu,Na,Zn,Fe,Mn,,B,+Amino Acids	11.40	9.15	8.15
5	Seaweed Multi Mix	Seaweed+synthetics . liqd	5	3	10	2			Cu,Na,,Fe,Se,B+ Amino Acids	11.40	9.15	8.15
6	Seaweed SP sargassum polycystum	Seaweed-organic-liquid	0.49g /100g	0.039g /100g	36g /100g	9700.0mg /Kg	02100.0mg /Kg	10000.0mg / Kg	Cu,Na,Zn,Fe,Se,Mn,,B,I+ Amino Acids	11.40	9.15	8.15
7	Seaweed SS	prevents Slugs&snails.liqd	0.3 - 0.6	0.3 -1.2	4-7	0.3 – 0.6	0.05 – 0.1	0.05 – 0.1%	Cu,Na,Zn,Fe,Mn,,B,+Amino Acids	9.95	7.65	6.95
FISH BASE												
1	Fishatic	Fish emulsion—liquid	5.2	1.2	1.1	1.07	0.11	0.11	Cu,Na,Zn,Fe,Se,Mn,Co,B,I,	11.40	9.15	8.00
2	Fish and Amino Acid	Fish+AminoAcid 3%.liquid	5.2	1.2	1.1	1.07	0.11	0.11	Cu,Na,Zn,Fe,Se,Mn,Co,B,I,	11.40	9.15	8.00
3	Fish Mix-Synthetic	Fish+NPK Syn-thetic.liiquid	5	2	4	1	0.7	0.5	Cu,Na,Zn,Fe,Se,Mn,Co,B,I,	11.40	9.15	8.00
HUMATE K, AMINO ACID, HUMIC AND FULVIC ACID BASE												
1	Amino Aim	25% amino acid—liquid	4.5						Keep fresh, improve shelf life	\$7.00	\$5.85	4.95
2	Fulvic & Humic Acid	3%Fulvic Acid with Hu-mic. liquid								9.50	6.95	6.00
3	HumateK10%	Carbon+Org matter 10%+ Water withholding.liiquid	5	0.01 - 0.02%	2.0 - 2.5%	0.2 - 0.3%	0.1 - 0.15	0.2 - 0.25%	Cu,Zn,Fe,Mn,B,I,Cl	8.25	6.60	5.60
4	Humic Acid	15% . Liquid								11.40	9.15	7.95
5	Soil Conditioner5	5% C+Organic Matter+ Water withholding.liiquid	5	0.01 - 0.02%	2.0 - 2.5%	0.2 - 0.3%	0.1 - 0.15	0.2 - 0.25%	Cu,Zn,Fe,Mn,B,I,Cl	6.75	5.50	4.95
6	OM50- Solid	Carbon+Org matter 50%+ Water withholding .solid	25-50kg/ha	0.01 - 0.02%	2.0 - 2.5%	0.2 - 0.3%	0.1 - 0.15	0.2 - 0.25%	Cu,Zn,Fe,Mn,B,I,Cl	8.55	6.80	6.15
7	SOM -Liquid	Carbon+Org matter 60%+ Water withholding.liiquid	25-50kg/ha	0.01 - 0.02%	2.0 - 2.5%	0.2 - 0.3%	0.1 - 0.15	0.2 - 0.25%	Cu,Zn,Fe,Mn,B,I,Cl	9.95	7.65	6.65
8	Vigorox5	5% C+Organic Matter+ Water withholding.Liquid	5	0.01 - 0.02%	2.0 - 2.5%	0.2 - 0.3%	0.1 - 0.15	0.2 - 0.25%	Cu,Zn,Fe,Mn,B,I,Cl	\$7.00	\$5.85	4.95
9	Kiwi mate.	Solid Organic Matter 50%	Certified by	Biogro						25kg \$5.85/KG	1000kg \$4.25/kg	
10	Trimate	Liquid	Certified by	Biogro						9.50	8.50	7.50

Lime and pH Adjusters

Ideal for Fertigation, Ground, Aerial and Slurry Application.
Customised blends can be formulated. View "All Free Farmers Support Program"



Liquid Lime (Suspension - Spray / Fertigate) All analysis w/v

No	Product	Nutrients	Form	N %	P %	K %	S %	Mg %	Ca %	TE ppm /%	20L \$/L	200L \$/L	1000L \$/L	Comments
1	Gold Lime 	Ca, Mg+TE	Suspension					0.15	20	Cu, Co, Mn, Zn, Mo, B	8.50/L	125/150L \$6.75/L	5.95	15-30L/ha
2	Nitrolime+TE	Ca-N+TE	Suspension	10					10	< 500 PPM (Cu,B,Fe,Na)	9.95	7.65	6.65	10 - 50L/ha
3	MagsulLime+TE	Ca-S-Mg+TE	Suspension				4	3	10	< 500 PPM (Cu,B,Fe,Na)	8.95	7.15	6.15	10 - 50L/ha
4	Carbolime +TE	Ca+TE	Suspension						20	< 500 PPM (Cu,B,Fe,Na)	7.95	6.95	5.95	10 - 50L/ha
5	Gipliq+TE	Ca-S	Suspension				7		15	< 500 PPM (Cu,B,Fe,Na)	7.95	6.95	5.95	10 - 50L/ha
6	Dololiq+TE	Ca-Mg	Suspension					10	20	< 500 PPM (Cu,B,Fe,Na)	9.95	8.65	7.50	10 - 50L/ha
7	Limesul +TE	CaS	Suspension				5		20	< 500 PPM (Cu,B,Fe,Na)	8.95	7.15	6.15	10 - 50L/ha
8	pH adjuster	Ca 8%	Liquid-Clear						8	< 500 PPM (Cu,B,Fe,Na)	7.15	6.50	5.85	10 - 50L/ha
9	Bacic to Acid	N,S	Liquid-Clear	5			10				8.95	7.15	5.95	3-5L/1000L water
10	pH Buffer				10						7.95	6.95	5.95	1-20L/1000L water

Powder Lime - Waterbase (Suspension - Spray / Fertigate / Dust) All analysis w/w

No	Product	Nutrients	Form	N %	P %	K %	S %	Mg %	Ca %	TE ppm /%	20L \$/L	200L \$/L	1000L \$/L	Comments
1	Carbolime +TE	Ca+TE	powder						30	< 500 PPM (Cu,B,Fe,Na)	11.50	9.20	7.95	
2	Dololiq+TE	Ca-Mg+TE	powder					8	22	< 500 PPM (Cu,B,Fe,Na)	11.50	9.20	7.95	
3	MagsulLime+TE	Ca-S-Mg+TE	Crystal				4	3	20	< 500 PPM (Cu,B,Fe,Na)	11.50	9.20	7.95	
4	Nitrolime+TE	Ca-N+TE	Crystal	13					20	< 500 PPM (Cu,B,Fe,Na)	11.50	9.20	7.95	
5	Cal 35	Water soluble	Flake						35	< 500 PPM (Cu,B,Fe,Na)	13.5	12.15	10.95	1kg/ha in 100L water
6	Carbo 40 (spot treatment)	Ca	Powder						36-40	3.85/tonne in 25kg bags				

Trace Elements (TE) Call 0800 77 55 11. www.mybsl.co.nz

No	Product	Nutrients	Form	Cu %	Zn %	B %	Se %	Fe %	Mn %	Mo %	Co %	Na %	<5Kg \$/Kg	>25Kg \$/Kg	>200kg \$/Kg	20L \$/L	200L \$/L	1000L \$/L	Application Rate
1	Boron-Gr	B	Granule			15							\$36.00	\$32.00	\$29.00				Ground 4-6 Kg/Ha
2	Boron-Pdr-water soluble	B	Powder			20							\$18.75	\$15.50					Ground 3-4 Kg/Ha, Foliar 100g/100L water
3	BoSol	B	Liquid			3										\$9.95	\$8.65	\$7.10	Foliar 2L/ha. Soil 10L/ha
4	Cobalt	CoS	Powder								20		\$36.00	\$32.00	\$29.00				200 - 250gm/ha
5	Cobalt-Chelated	Co	Powder								14								\$785/kg (1kgBag)50g/ha
6	Copper	CuS	Granule	25									\$8.95	\$7.50	\$6.90				4-6 Kg/Ha
7	Copper-Chelated	Cu	Powder	14									\$46.00	\$41.00	\$38.00				50-100 grams /100L water
8	CopSol-Chelated	Cu+Amino+TE	Liquid	3												\$13.00	\$10.50	\$9.50	Foliar 1L/ha. Soil 15L/ha
9	Iron	FeS	Crystal					27					\$7.75	\$6.90	\$5.95				150 - 250gram/100L water
10	Iron+TE Cu,B,Na,Zn-ppm	Fe+TE >500ppm	Liquid					5								\$9.95	\$8.65	\$7.10	Foliar 1L/ha. Soil 15L/ha
11	Iron- Chelated	Fe	Powder					13					\$44.00	\$39.00	\$37.00				50-100 grams /100L water
12	Manganese <i>Manganese Liqd</i>	MnS <i>Mn</i>	Powder <i>Liquid</i>						32 6-7				\$9.95	\$8.65	\$7.10			7.95 6.95	50-100 grams /100L water Foliar 1L/ha. Soil 5-7L/ha
13	Manganese-Liq	Mn+TE-ppm Cu,B,Na,Zn,Fe	Liquid						4							\$9.95	\$8.65	\$7.10	Foliar 1L/ha. Soil 15L/ha
14	MicroMix-Hort	6TE+Mg1.2%	Pdr & Liq	0.5	5	0.5		3.4	3.2	0.1			\$75.00	\$65.00	\$57.00	\$18.75	\$15.50	\$13.50	\$89/Kg Bag. 250g/ha
15	MicroMix-Pasture	9 Traces	Powder	2	2	0.25	0.1	2	0.25	0.1	0.25	2	\$75.00						\$89/Kg Bag. 250g/ha
16	Moly8	Mo+TE>500ppm Cu,B,Na,Zn,Fe	Liquid							8						\$65/L 5L&20L	\$65.00		Foliar: 1- 1.5L/ha
17	Molybdenum	MoNa	Crystal							39			\$110.00	\$95.00	\$85.00				30g/ha -ground / foliar
18	Molybdenum-che	Mn	Powder							13			\$46.00	\$41.00	\$38.00				50 - 60 gm/ha-ground / foliar
19	Se-Chelated	Se	Powder					16											\$945/kg(1kgBag)30g/ha-ground / foliar
20	Selenium 41	Se	Powder					41											\$725/kg(1kgBag)15g/ha-ground / foliar
21	Sodium	NaCl	Crystal									39	\$9.95	\$8.65	\$7.10				Foliar 1kg/ha. Soil 15kg/ha
22	Zinc	ZnS	Crystal		22								\$9.95	\$8.65	\$7.10				Foliar 1kg/ha. Soil 5kg/ha
23	Zinc-Cu,B,Na,,Fe	Zn+TE>500ppm	Liquid		6											\$11.50	\$10.00	\$8.85	Foliar 1kg/ha. Soil 5kg/ha
24	Zinc	Zn+TE>500ppm	crystal		35								\$9.95	\$8.65	\$7.10				Foliar 1kg/ha. Soil 5kg/ha
25	Zinc	Zn+TE>500ppm	crystal		23								\$7.75	\$6.90	\$5.95				Foliar 1kg/ha. Soil 5kg/ha
26	Zinc-Chelated	Zn	Powder		14								\$46.00	\$41.00	\$38.00				50-100 grams /100L water

Add in Products from 25 cent/Kg to \$1/L (Mixed in products) Following products can be blended in your main formulation. It is cost effective. Highly Recommended. Solid fertiliser 50 cents/kg, water soluble 60 cents/kg and Liquid fertiliser \$1/L

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No	Nutrients	Form	N %	P %	K %	S %	Mg %	Ca %	\$/L	More information
1	N	Liquid /Powder/Solid	2						0.50	Call 0800 77 55 11
2	N Ca	Liquid /Powder/Solid	1					1.2	0.50	Call 0800 77 55 11
3	N P K	Liquid /Powder/Solid	3	1	2				1.0	Call 0800 77 55 11
4	N P	Liquid /Powder/Solid	1	2					1.0	Call 0800 77 55 11
5	N Mg	Liquid /Powder/Solid	1				1		0.5	Call 0800 77 55 11
6	P k	Liquid /Powder/Solid	1		1.2				0.50	Call 0800 77 55 11
7	K	Liquid /Powder/Solid			2				0.50	Call 0800 77 55 11
8	K S	Liquid /Powder/Solid			3	1			1.00	Call 0800 77 55 11
9	K S	Liquid /Powder/Solid			2	1			1.00	Call 0800 77 55 11
10	Mg	Liquid /Powder/Solid					3		0.50	Call 0800 77 55 11
11	S Mg	Liquid /Powder/Solid				2	1.5		1.00	Call 0800 77 55 11
12	B 0.25%	Liquid /Powder/Solid							0.50	Call 0800 77 55 11
13	Cu 0.50%	Liquid /Powder/Solid							0.50	Call 0800 77 55 11
14	Fe 1%	Liquid /Powder/Solid							0.50	Call 0800 77 55 11
15	Zn 1%	Liquid /Powder/Solid							0.50	Call 0800 77 55 11
16	Mn 0.5%	Liquid /Powder/Solid							1.00	Call 0800 77 55 11
17	Na 1%	Liquid /Powder/Solid							0.50	Call 0800 77 55 11
18	Mo 100 ppm	Liquid /Powder/Solid							1.00	Call 0800 77 55 11
19	Se 100 ppm	Liquid /Powder/Solid							1.00	Call 0800 77 55 11
20	Co 100 ppm	Liquid /Powder/Solid							1.00	Call 0800 77 55 11
21	Seaweed /Fish 1%	Liquid /Powder/Solid							0.50	Call 0800 77 55 11
22	Amini Acid / Humic Acid / Fulvic Acid HumateK2%	Liquid /Powder/Solid							1.00	Call 0800 77 55 11






























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No	Product	Description	Form	1L/kg \$/L /kg	5L/Kg \$/L /kg	20L \$/L	200L \$/L	1000Lkg \$/L / kg	25Kg \$/kg	500kg bag	1000kg bag
1	Rabbo	To repeal or prevents rabbits	Liquid			7.00	5.60	4.95			
2	Seaweed SS	To prevents slugs and snails. Spray at any stage of crops, No WHP.	Liquid			9.95	7.65	6.95			
3	Express	Get more rapid growth in winter	Liquid			9.50	7.85	6.95			
4	K pod	Activates enzymes and increases disease resistance against powdery mildew, no withholding period	Crystals		17.00				9.95		
5	Bordx Mix	Prevents most common diseases on plants	Powder		7.00	5.60			5.60		
6	Basic to Acid	Adjust water pH before irrigation	Liquid			8.95	7.15	5.95			
7	OM50	Organic Matter 40-50% Carbon 45-50% . Water holding capacity 50-60%, can be mixed with solid fertiliser.	1-4mm solid						8.55	6.80	6.15
8	GrosilNZ	Produces an armour-like resilient layer in the outer cell wall	Liquid		25.00	12.5	9.95	8.85			
9	Green grow	Turns green.	Liquid			8.25	6.25	5.62			
10	pH adjuster	Clear liquid lime.	Liquid			7.15	6.50	5.85			
11	Citrik wash	Multipurpose citrus cleaner.	Liquid		25.00	17.50	13.60	11.95			
12	Top Show	Natural Seaweed Extract Formulated with Amino Acid .Suitable for Horse/Pony's. Pasture / Forage / any fodder Crops	Liquid			11.50	9.20	7.35			
13	Equa Extra Mix	Special Mix of liquid fertiliser to suit horse / pony's pasture or any forage and fodder crops with 10% Potassium, 4%Sulfur plus Trace Elements ppm (iodine, selenium, sodium, boron, iron, copper and magnesium) This product can be mixed with BSL's TOP SHOW	Liquid			7.00	5.60	4.95			
14	Nitrolime	Nitrogen mix lime, fixes pH and more yield same time.	Liquid			11.50	9.20	7.95			
15	Neemtox	Kills eggs, larvae and adult stages of insects and prevents fungal attack of plant tissues. Stops Powdery Mildew.	Liquid	55.00	37.00	28.00					
16	Ornaboost	Liquid fertilizer for use indoor and outdoor ornamental plants.	Liquid			8.95	7.15	5.95			
17	Neem Gar	Kills eggs, larvae and adult stages of insects and prevents fungal attack of plant tissues. Stops Powdery Mildew. Mix of neem oil and garlic.	Liquid	55.00	37.00	28.00					
18	Delay	To reduce undesired (nuisance) over growth in plants including leaves, branches, fruits and flowers. Prevents incidence of insect pests and diseases.			37.00	28.00					
19	PolliOn	Outdoors horticulture crops , Field Crops, Orchards & Vineyards, Nursery, Greenhouse, Grow Room, Hydroponics, Aquaponics, Interiorscapes, Container Plants and Houseplants			12.5	9.95	8.85				
20	Profrost	Protects crop against frost.				9.95	7.65	6.95			

Animal Health Products

Solid, Liquid and Trace Elements as Supplements. All analysis w/v or w/w

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No	Product	Nutrients	Form	Dose Per Day	Application	10Kg \$/Kg	25Kg \$/Kg	200k g \$/kg	1000kg \$/kg	20L \$/L	200L \$/L	1000 L \$/L	Comments
1	Magoxy	Mg –Magnesium	Powder	Cow 25 - 60g Ewe 5 - 6g	Dusting, feed mix,		5.00	4.00	3.00				
2	MagaChlor NF	Mg –Magnesium	Natural Flake	Cattle 50 - 90g/cow Sheep 6 - 10g per ewe	Drench, Feed, Water		4.50	3.50	2.50				
3	SodiDiet	Na-Sodium	Powder	Cow 15 -25g Sheep: mature 1-2g	Drench, Feed, Water, lick		3.50	2.00	1.50				
4	CalDiet	Ca-Calcium	Powder	Cow 50 -250g Maize Silage 50-100g/kg as Dryfeed	Drench, Feed mix, dusting		3.50	2.00	1.50				
5	DairyDiet-FE	Co+Se+I+Zn+Amino Acid	Powder	Cow 5g	Drench, Feed, Water	11.50	9.50	7.40	6.95				
6	MultiMix-Maize	Ca+Mg+Na+Amino Acid	Powder	Cow 125g	Add to maize silage (feeding out)		4.50	3.50	2.50				
7	DairyDiet-Cow	Cu+Co+Se+I+Zn+Amino Acid	Powder	Cow 5g	Drench, Feed, Water	9.50	7.50	6.40	5.95				
8	ZincDiet	Zn	Powder	Cow 1-2g	Drench, Feed, Water		5.00	4.00	3.00				
9	MagDiet	Mg +AminoAcid	Liquid	Cow 50 – 100 ml Sheep: 5 – 10 ml	Drench, Feed, Water					8.50	6.95	5.95	Foliar Fert 7-8L/ha WHP 7 Days
10	SePoint5+TE	Selenium 0.5% +TE <100 ppm (Na, Mg)	Liquid	Cow& Sheep 0.1ml/50kg animal weight/day	Drench, Feed, Water					7.50	6.40	5.95	Foliar Fert 500ml/ha WHP 14 Days
11	Iodi 5+TE	iodine 0.5% +TE <100 ppm (Na, Mg)	Liquid	Cow 0.1- 0. 5 ml Sheep: 1– 3 ml Adult	Drenching, Feed, Water					8.50	6.95	6.10	Foliar Fert 1-2L/ha WHP 14 Days
12	Cop5+TE	Copper 5% +TE <100 ppm (Na, Mg)	Liquid	Cow 1- 4 ml Sheep 0.1 - 0.2 ml -Adult Deer 1 - 2 ml - Adult	Drenching, Feed, Water					6.95	5.95	5.25	Foliar Fert 7-8L/ha WHP 14 Days
13	Cob 1+TE	Cobalt 1% +TE <100 ppm (Na, Mg)	Liquid	Cow 1– 2 ml Sheep 1 - 2 ml -Adult	Drenching, Feed, Water					7.30	6.20	5.75	Foliar Fert 1-2L/ha WHP 14 Days
14	MultiMin 9- Dairy	Cu, Co, Se, I, Zinc, Mn, B,Na+ Amino Acid	Liquid	Cow 7 - 10 ml	Drenching, Feed, Water					17.5	15.75	14.10	Foliar Fert 1-2L/ha WHP 14 Days
15	MultiMin 6 - Dairy	Cu, Co, Se, I, Zinc, Na	Liquid	Cow 7 - 10 ml	Drenching, Feed, Water					14.5	13.75	12.10	Foliar Fert 1-2L/ha WHP 14 Days
16	Kelp Meal	Multi minerals	Powder	Pls view brochure	Feed, Water		9.50	7.40	6.95				 

Cleaning Chemicals (Industrial Cleaners)

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No	Product	Description	Form	1L \$/L	5L \$/L	20L \$/L	200L \$/L	1000L \$/L	1kg \$/kg	4kg \$/kg	20Kg \$/kg
1	Alkaline Degreaser	Heavy duty concentrated degreaser	Liquid		12.00	7.75	5.75				
2	Citrik wash	Multipurpose Citrus Cleaner	Liquid		25.00	17.50	13.60	11.95			
3	Fert Cleaner	To remove fertilizer and lime deposits	Liquid		13.00	8.75	7.95	6.50			
4	Grease Off	Heavy duty ready to use degreaser	Liquid		15.00	11.25	9.65	8.65			
5	Motor Mate	A vehicle wash. Concentrated	Liquid		9.50	6.00	5.00	4.25			
6	Rust Killer	Kills and Controls rust	Liquid	25.00	9.50	6.00	5.00				
7	Rust Killer and Primer	Kills rust and fill with primer	Liquid	45.00	33	25					
8	Saitoz	Concentrated sanitiser	Liquid		15.00	11.25	9.65	6.85			
9	Tropical	Heavy Duty Hand Cleaner	Flowable							18.75	12.50
10	Vinyl & Rubber Shiner	Reshine rubber & vinyl like tyre etc	Liquid		15.00	11.25	9.65				

Dairy Detergents

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No	Product	Description	Form	1L	5L \$/L	20L \$/L	200L \$/L	1000L \$/L	1kg \$/kg	4kg \$/kg	20Kg \$/kg
1	Compond	Acid Treatment after milking	Liquid			7.95	3.65	3.30			
2	Baseflow	Alkaline Treatment after milking	Powder								6.00

Cleaning Chemicals (Industrial Cleaners)

No	Product	Description	Form	1L	5L \$/L	20L \$/L	200L \$/L	1000L \$/L	1kg \$/kg	4kg \$/kg	20Kg \$/kg
1	Citrikwash	Multipurpose Citrus Cleaner	Liquid		25.00	17.50					
2	Vinyl & Rubber Shiner	Reshine rubber & vinyl like tyre etc	Liquid		15.00	11.25					
3	Alkaline Degreaser	Heavy duty concentrated degreaser	Liquid		12.00	7.75					
4	Grease Off	Heavy duty ready to use degreaser	Liquid		15.00	11.25					
5	Tropical	Heavy Duty Hand Cleaner	Flowable							18.75	
6	Fert Cleaner	To remove fertilizer and lime deposits	Liquid		13.00	8.75					
7	Motor Mate	A vehicle wash	Liquid			7.00	6.00	5.00			
8	Saitoz	Concentrated sanitiser	Liquid		15.00	11.25	9.95	7.15			

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Major Nutrients (MACRO NUTRIENTS)

Nitrogen (N) is a major component of proteins, hormones, chlorophyll, vitamins and enzymes essential for plant life. Nitrogen metabolism is a major factor in stem and leaf growth (vegetative growth). Too much can delay flowering and fruiting. Deficiencies can reduce yields, cause yellowing of the leaves and stunt growth.

Phosphorus (P) is necessary for seed germination, photosynthesis, protein formation and almost all aspects of growth and metabolism in plants. It is essential for flower and fruit formation. Low pH (<4) results in phosphate being chemically locked up in organic soils. Deficiency symptoms are purple stems and leaves; maturity and growth are retarded. Yields of fruit and flowers are poor. Premature drop of fruits and flowers may often occur. Phosphorus must be applied close to the plant's roots in order for the plant to utilize it. Large applications of phosphorus without adequate levels of zinc can cause a zinc deficiency.

Potassium (K) is necessary for formation of sugars, starches, carbohydrates, protein synthesis and cell division in roots and other parts of the plant. It helps to adjust water balance, improves stem rigidity and cold hardiness, enhances flavor and color on fruit and vegetable crops, increases the oil content of fruits and is important for leafy crops. Deficiencies result in low yields, mottled, spotted or curled leaves, scorched or burned look to leaves..

Sulfur (S) is a structural component of amino acids, proteins, vitamins and enzymes and is essential to produce chlorophyll. It imparts flavor to many vegetables. Deficiencies show as light green leaves. Sulfur is readily lost by leaching from soils and should be applied with a nutrient formula. Some water supplies may contain Sulfur.

Magnesium (Mg) is a critical structural component of the chlorophyll molecule and is necessary for functioning of plant enzymes to produce carbohydrates, sugars and fats. It is used for fruit and nut formation and essential for germination of seeds. Deficient plants appear chlorotic, show yellowing between veins of older leaves; leaves may droop. Magnesium is leached by watering and must be supplied when feeding. It can be applied as a foliar spray to correct deficiencies.

Calcium (Ca) activates enzymes, is a structural component of cell walls, influences water movement in cells and is necessary for cell growth and division. Some plants must have calcium to take up nitrogen and other minerals. Calcium is easily leached. Calcium, once deposited in plant tissue, is immobile (non-translocatable) so there must be a constant supply for growth. Deficiency causes stunting of new growth in stems, flowers and roots. Symptoms range from distorted new growth to black spots on leaves and fruit. Yellow leaf margins may also appear.

Minor Nutrients (MICRO NUTRIENTS / TRACE ELEMENTS)

Iron (Fe) is necessary for many enzyme functions and as a catalyst for the synthesis of chlorophyll. It is essential for the young growing parts of plants. Deficiencies are pale leaf color of young leaves followed by yellowing of leaves and large veins. Iron is lost by leaching and is held in the lower portions of the soil structure. Under conditions of high pH (alkaline) iron is rendered unavailable to plants. When soils are alkaline, iron may be abundant but unavailable. Applications of an acid nutrient formula containing iron chelates, held in soluble form, should correct the problem.

Manganese (Mn) is involved in enzyme activity for photosynthesis, respiration, and nitrogen metabolism. Deficiency in young leaves may show a network of green veins on a light green background similar to an iron deficiency. In the advanced stages the light green parts become white, and leaves are shed. Brownish, black, or grayish spots may appear next to the veins. In neutral or alkaline soils plants often show deficiency symptoms. In highly acid soils, manganese may be available to the extent that it results in toxicity.

Boron (B) is necessary for cell wall formation, membrane integrity, calcium uptake and may aid in the translocation of sugars. Boron affects at least 16 functions in plants. These functions include flowering, pollen germination, fruiting, cell division, water relationships and the movement of hormones. Boron must be available throughout the life of the plant. It is not translocated and is easily leached from soils. Deficiencies kill terminal buds leaving a rosette effect on the plant. Leaves are thick, curled and brittle. Fruits, tubers and roots are discolored, cracked and flecked with brown spots.

Zinc (Zn) is a component of enzymes or a functional cofactor of a large number of enzymes including auxins (plant growth hormones). It is essential to carbohydrate metabolism, protein synthesis and internodal elongation (stem growth). Deficient plants have mottled leaves with irregular chlorotic areas. Zinc deficiency leads to iron deficiency causing similar symptoms. Deficiency occurs on eroded soils and is least available at a pH range of 5.5 - 7.0. Lowering the pH can render zinc more available to the point of toxicity.

Copper (Cu) is concentrated in roots of plants and plays a part in nitrogen metabolism. It is a component of several enzymes and may be part of the enzyme systems that use carbohydrates and proteins. Deficiencies cause die back of the shoot tips, and terminal leaves develop brown spots. Copper is bound tightly in organic matter and may be deficient in highly organic soils. It is not readily lost from soil but may often be unavailable. Too much copper can cause toxicity.

Molybdenum (Mo) is a structural component of the enzyme that reduces nitrates to ammonia. Without it, the synthesis of proteins is blocked and plant growth ceases. Root nodule (nitrogen fixing) bacteria also require it. Seeds may not form completely, and nitrogen deficiency may occur if plants are lacking molybdenum. Deficiency signs are pale green leaves with rolled or cupped margins.

Chlorine (Cl) is involved in osmosis (movement of water or solutes in cells), the ionic balance necessary for plants to take up mineral elements and in photosynthesis. Deficiency symptoms include wilting, stubby roots, chlorosis (yellowing) and bronzing. Odors in some plants may be decreased. Chloride, the ionic form of chlorine used by plants, is usually found in soluble forms and is lost by leaching. Some plants may show signs of toxicity if levels are too high.

Nickel (Ni) has just recently won the status as an essential trace element for plants according to the Agricultural Research Service Plant, Soil and Nutrition Laboratory in Ithaca, NY. It is required for the enzyme urease to break down urea to liberate the nitrogen into a usable form for plants. Nickel is required for iron absorption. Seeds need nickel in order to germinate. Plants grown without additional nickel will gradually reach a deficient level at about the time they mature and begin reproductive growth. If nickel is deficient plants may fail to produce viable seeds.

Sodium (Na) is involved in osmotic (water movement) and ionic balance in plants.

Cobalt (Co) is required for nitrogen fixation in legumes and in root nodules of nonlegumes. The demand for cobalt is much higher for nitrogen fixation than for ammonium nutrition. Deficient levels could result in nitrogen deficiency symptoms.

Silicon (Si) is found as a component of cell walls. Plants with supplies of soluble silicon produce stronger, tougher cell walls making them a mechanical barrier to piercing and sucking insects. This significantly enhances plant heat and drought tolerance. Foliar sprays of silicon have also shown benefits reducing populations of aphids on field crops. Tests have also found that silicon can be deposited by the plants at the site of infection by fungus to combat the penetration of the cell walls by the attacking fungus. Improved leaf erectness, stem strength and prevention or depression of iron and manganese toxicity have all been noted as effects from silicon. Silicon has not been determined essential for all plants but may be beneficial for many.

Selenium (Se) The main function of selenium in the body is to keep cell membranes and proteins safe from chemicals created during metabolism. Without sufficient amounts of selenium in the body livestock will fail to thrive, be infertile, develop white muscle disease and have compromised immune systems. Selenium is important for the production of antibodies in the horse for a better immune system and the production of thyroid hormone that can affect equine growth rates. It is also a powerful anti-oxidant. A lack of selenium may also mean that wounds and infections take longer to heal.

No	Product	Description	Form	1L	5L \$/L	20L \$/L	200L \$/L	1000L \$/L	1kg \$/kg	4kg \$/kg	Comments
1	Top Show	seaweed & amino acid	Liquid			11.50	9.20	7.35			Natural 100%
2	Equa Extra Mix - Liquid	5% K, 2%S plus TE- ppm (iodine, selenium, sodium, boron, iron, copper and magnesium)	Liquid			7.00	5.60	4.95			Synthetic
	Equa Extra Mix - Powder	10% K and 4%S +TE I, Se, Na, B, Fe, Cu,	Powder			8.95/ kg	7.35/ kg	6.50/ kg			Synthetic
3	Kelp Plus	ascophyllum nodosum	Liquid	18.95		11.40	7.95	6.50			
4	Seaweed Sp	sargassum polycystum	Liquid			10.50	8.95	5.50			
5	Kelp Meal	ascophyllum nodosum	Powder						22.95	19.50	
6	Apple Cider Vinegar	improves digestive, immune system.	Liquid		6.50	5.85					Assist in reducing of somatic cell counts
7	Carbolime	Ca+TE	Liquid			7.95	6.35	5.50			

Liquid Fertilisers

No	Product	Description	Nutrients w/v
1	Seashore	seaweed - extract	macro & micro elements
2	Fishatic	Fish base liquid Fertiliser	macro & micro elements
3	Carbolime	Liquid Lime - Fix soil pH in 10 days	Ca 20% plus TE Cu, Na, B, Fe
4	Soil Conditioner	High in Organic Matter© +P and K	3N.1P.2K.1S.0.7Mg.3Ca
5	Liquid Compost	High in Carbon with Major and Minor Nutrients	5N.3P.6K.2S.1.5Mg.6Ca
6	Roots Boost	Where roots development is real issue. Gives good boost because of high K and Org. matter	N5% - P2% - K8% - S1% - Zn 1% plus Organic Matter 10%
7	Moss Killer in Lawn	Kills moss and make lawn green	N 10 - Fe- 7
8	Liquid Gypsum	A soil amendment, a conditioner and a fertiliser,	S7%. Ca15% plus Trace Elements
9	Liquid Dolomite	Raising the pH of acid soils	Ca20%-Mg10+TE Cu, Na, B, Fe ppm
10	MicroMix- Hort	Protein base micro mixing technology. Ideal for horticultural crops like fruits, vegetables and flowers.	Fe3.4%.Mn3.2%.Zn5.0%.Cu0.5%.B0.5%.Mo0.1%.Mg1.2% w/w
11	pH Adjuster	Not a lime. Clear color calcium improves pH	Calcium (Ca) 8.1% w/v
12	Blossom Boost	Improves blossom ideal Flowers.Fruits.Vegetables	2%N - 5%P - 10%K +TE Cu,B,Fe,Na
13	Lawn Fertiliser	Unique combination of synthetic & Seaweed extract	8-3-6+Trace Elements
14	MultiKrop	All purpose Liquid Lertiliser	10-4-8-1-0.7 + Trace Elm
15	Ornabooost	Liquid fertilizer for use indoor and outdoor ornamental plants.	

Solid Fertilisers (Granule and Powder)

No	Product	Description	Nutrients w/v
1	Lawn Fertiliser	Ideal to make lush green lawn	10N.2P.0K.10S.0Mg.15Ca+Fe3
2	Dolomite	Raising the pH of acid soils	Ca23%-Mg11+TE Cu, Na, B, Fe ppm
3	Gypsum	High in S & Ca. Ideal for hard/compact soil	S18 - Ca23
4	Hydrolime	Fixes soil pH in 10 days.	Ca 28% with TE Cu,Fe,Zn, Na ppm
5	Multicrop-Hort	Protein base micro mixing technology. Ideal for horticultural crops like fruits, vegetables and flowers.	Fe3.4%.Mn3.2%.Zn5.0%.Cu0.5%.B0.5%.Mo0.1%.Mg1.2% w/w
6	Fruit n Citrus Mix	A complete fertilizer with trace elements B,Zn,Cu,Fe	11N.4P.7K.4S.3Mg.9Ca plus traces ppm
7	Shrubs Mix	A complete fertilizer with trace elements B,Zn,Cu,Fe	15N.10P.10K.7S.3Mg.9Ca plus traces ppm
8	Seaweed Powder	Water Soluble seaweed extract. Spray / use water can	Contains all major and minor elements

IMPORTANT:
 All home grow and nurseries product are available on whole sale basis only. Minimum per year business \$12000 plus GST applies.
 Pack sizes available
 1L, 5L, 20L, 200L and 1000L.
 For more info contact
 0800 77 55 11
www.mybsl.co.nz

Read more on next page

Water Soluble Fertilisers

No	Product	Description	Nutrients w/v
1	Amino grow	It helps crops suffering from insufficient sunlight. It enhances original colors of flowers and fruits. It reduces the damage by blight and harmful insects as it helps grow healthy crops. Its various ingredients strengthen distinctive tastes and flavors of fruit vegetables with its abundant nutrients. It grows the flesh of fruits and makes them shiny.	N 16-18% plus plant stimulants
2	Cellsafe	The nitrogen in calcium nitrate is fullyplants and provides an immediate and predictable growth response. The calcium helps to reduce plant disorders such as bitter pit of apples, blossom end rot of tomatoes and capsicums, hollow heart of brassica crops, and assists in reducing tip burn of lettuce.is an essential nutrient for development of all plant tissues and an adequate supply and uptake assures a longer shelf life for all horticultural crops.	15% Nitrogen, 19 Calcium plus Trace Elements >100 ppm Sodium, Boron, Iron, Copper and Zinc
3	Yield	Potassium is one of the major essential element to all plants.It is required in larger amounts by vegetable crops, flower crops and crop bearing trees and crops...	Potassium (K) 42% Sulphur (S) 18% plus TE >100 ppm Sodium, Boron, Iron, Copper and Zinc
4	Stress Off	Supplies plant essential nitrogen and phosphorous in a ready plant available form. Used as a foliar spray on crops early during cell division and also during times of stress. Used extensively in the fertigation of many indoor and outdoor crops	N 13 - P26 plus TE > 100 ppm Cu, Fe, Na, B, Zn
5	Activate	Activates enzymes and controls their reaction rates . Involved in photosynthesis, respiration, energy storage and transfer, cell division, and enlargement Increases disease resistance. Promotes early root formation and growth Vital to seed formation. Helps plants survive harsh winter conditions Carbohydrate metabolism and the break down and translocation of starches Increases photosynthesis	Phosphorus (P) 22% w/wPotassium (K) 28% w/w TE > 100 ppm Cu, Fe, Na, B, Zn
6	Green Spin	Key element of chlorophyll production · Improves utilization and mobility of phosphorus · Activator and component of many plant enzymes · Increases iron utilization in plants · Influences earliness and uniformity of maturity· Integral part of amino acids. Helps develop enzymes and vitamins · Promotes nodule formation on legumes · Aids in seed production	Sulphur 13%, Magnesium 9% +TE <500ppm Cu, B, Fe, Na, Zn w/w
7	Canopy	Protein Synthesis Necessary Component in Cell Structure Leafy Growth	Minimum 45% Nitrogen plus Trace Elements >100 ppm Sodium, Boron, Iron, Copper and Zinc
8	Seaweed Extract	Seaweed extract contains cytokinin, oligomeric alginate potassium, betaine, mannitol, polysaccharide, iodine, microelement and alginic polyphenol etc. It has remarkable functions in promoting cell division, anti-stress, anti-plant diseases and insect pests, increasing yield, regulating growth and improving soil condition. It improves root system and yield.	

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