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List of Registered Fertilisers, 1958-59

By H. G. CARISS, Inspector of Fertilisers

THE Fertiliser Act, 1928-1955, requires all fertilisers sold in this State to be registered annually, the registration year commencing on November 1 each year. A list of fertilisers registered for the current registration year appears in this issue. Departmental inspectors carry out regular inspection and sampling of fertilisers to see that those offered for sale comply with the requirements of the Fertiliser Act, including the registered analysis. The knowledge that this work is being carried out, induces manufacturers to maintain their fertilisers close to and usually a little above the registered standard.

From the fertilisers registered, unit values, i.e., the average commercial value of each one per cent., of a given ingredient per ton of fertiliser, have been calculated for the various forms of the main fertilising ingredients, nitrogen, phosphoric anhydride and potash. These values are arrived at from the average of prices quoted for each fertiliser at the time of registration and are as follows:—

Nitrogen (N) as—	s.	d.
Blood, Blood and Bone, Bone Dust and other animal fertilisers	83	2
Nitrate	51	3
Ammonia	37	10
Urea	35	7

Phosphoric Anhydride (P_2O_5) as—		
Water soluble in superphosphate	11	9
Citrate soluble in superphosphate	11	9
Acid soluble in superphosphate and rock phosphate	6	5
Blood and Bone, Bone Dust and other animal fertilisers	27	11

Potash (K_2O) as—		
Sulphate	17	6
Muriate (Chloride)	11	11

From unit values a comparison of the commercial value of fertilisers of similar types can be made. As will be appreciated, however, it is not possible to compare, say for example the value of nitrogen in blood

and bone with that in sulphate of ammonia.

It should be remembered that unit values are average values arrived at from the prices of all fertilisers registered. The commercial values arrived at from the use of these figures will therefore in some cases be more and in others less than the actual selling price. Other points to be borne in mind are fluctuations which may occur during the year in market values and in the case of mixed fertilisers, e.g., potato manures, the cost of mixing and extra handling which must be added to figures arrived at from the use of unit values.

To calculate the value of a fertiliser from unit values the percentage of each ingredient in the fertiliser should be multiplied by its unit value and the results for each ingredient in the fertiliser totalled. An example of how this can be done and how a comparison of values can be made between fertilisers of similar types is as follows:—

	Nitrogen.	Phosphoric Anhydride.
	%	%
X Brand Blood and Bone	6.5	10.0
Y Brand Blood and Bone	5.5	13.0

The unit values of nitrogen and phosphoric anhydride in blood and bone as set out above are 83s. 2d. and 27s. 11d.

respectively. The comparative commercial value of X and Y Brand blood and bones would therefore be:—

X Brand Blood and Bone.	
	s. d.
6.5 units of Nitrogen @ 83s. 2d. per unit	540 7
10.0 units of Phosphoric Anhydride @ 27s. 11d. per unit	279 2
Total Value	819 9
Y Brand Blood and Bone.	
5.5 units of Nitrogen @ 83s. 2d. per unit	457 5
13.0 units of Phosphoric Anhydride @ 27s. 11d. per unit	362 11
Total Value	820 4

The fertilising ingredients contained in X Brand are worth more than those in Y Brand and therefore if the two ferti-

lisers were offered for sale at the same price the X Brand would be the more economical to purchase.

Buyers of fertilisers are advised to consult the list of registered fertilisers and to ensure that packages containing fertilisers are correctly branded and/or labelled, i.e., carry a copy of the registered brand and name, and in the case of fertilisers contained in packages of 1 cwt. and under, a label setting out the registered analysis, before purchasing same.

If any doubts about a fertiliser arise inquiries should be made at the Department of Agriculture where information on the provisions and requirements of the Fertiliser Act and advice on matters concerning the use of fertilisers can be obtained.

The following fertilisers have been registered at the Department of Agriculture under the Fertiliser Act, 1928-1955, for the year commencing 1st November, 1958.

The following fertilisers have been registered at the Department of Agriculture under the Fertiliser Act, 1928-1955, for the year commencing 1st November, 1958

Name of Fertiliser	Reg. No.	Registered Brand	By Whom Registered	Nitrogen (N) as				Phosphoric Anhydride (P ₂ O ₅) as				Potash (K ₂ O) as		Cash Price per ton at Works (W) or on Rails at Perth (P)
				Ni- trate	Am- monia	Blood and Bone	Urea	Water Soluble	Citrate Soluble	Acid Soluble	Total Soluble	Sul- phate	Mur- iate	
A. MINERAL														
1. Nitrogenous														
(a) <i>Nitrogen as Nitrate</i>														
Chilean Nitrate of Soda	25	Champion	Chilean Nitrate Sales Corporation Pty. Ltd.	16-00	....	....	....	....	....	....	....	....	....	£35/0/0 (PW)
Nitrate of Soda	119	C.S.M.L.	Cuming Smith Mount Lyell F.F. Ltd.	16-00	....	....	....	....	....	....	....	....	....	{ £41/0/0 (PW) £42/5/0 (PW) Packets Packets Packets
Do. do.	173	Symonds	E. Symonds	16-00	....	....	....	....	....	....	....	....	....
Do. do.	183	David Gray's	David Gray & Co. Ltd.	16-00	....	....	....	....	....	....	....	....	....
Do. do.	200	Westfarms	Westralian Farmers Co-op. Ltd.	16-00	....	....	....	....	....	....	....	....	....
Sodium Nitrate	251	Faulding	F. H. Faulding & Co. Ltd.	16-00	....	....	....	....	....	....	....	....	....	£3/8/0 (cwt.) (PW)
Ammonium Nitrate	252	do.	do.	30-00	....	....	....	....	....	....	....	....	....	£6/1/4 (cwt.) (PW)
Nitrate of Soda	260	Boans	Boans Ltd.	16-00	....	....	....	....	....	....	....	....	....	Packets

(b) Nitrogen as Ammonia Sulphate of Ammonia	6	Blue Cross	Agricultural Products Co.	20-50	...	...	...	...	...	...	...	Packets
	37	Wunda	Higgins Hardware	20-50	...	...	...	...	...	...	...	Packets
	47	Fertilisers	Voldemars Esters	20-50	...	...	...	...	...	...	...	Packets
	54	Fecrocrus	...	20-50	...	...	...	...	...	...	...	Packets
	122	I.C.I.A.N.Z.	Cuning Smith Mount Lyell F.F. Ltd.	20-50	...	...	...	...	...	...	...	Packets
	161	Best	W. J. Pascoe & Son	20-50	...	...	...	...	...	...	...	Packets
	182	David Gray's	E. Symonds	20-50	...	...	...	...	...	...	...	Packets
	199	Westfarmers	David Gray & Co. Ltd.	20-50	...	...	...	...	...	...	...	Packets
	253	Faulding	Westralian Farmers Co-op. Ltd.	20-50	...	...	...	...	...	...	...	Packets
	258	Boans	F. H. Faulding & Co. Ltd.	20-00	...	...	...	...	...	...	...	Packets
(c) Nitrogen as Urea	271	Manning	Boans Ltd.	20-50	...	...	...	...	...	...	...	Packets
	7	Blue Cross	H. E. Powell	20-50	...	...	...	...	...	...	...	Packets
	29	Pesticides	Agricultural Products Co.	...	46-00	...	...	...	...	...	...	Packets
	181	David Gray's	Wilcox Mofflin Ltd.	...	45-00	...	...	...	...	...	...	Packets
	280	B.A.S.F.	David Gray & Co. Ltd.	...	46-00	...	...	...	...	...	...	Packets
	281	do.	Henry H. York & Co. Pty. Ltd.	...	45-00	...	...	...	...	...	...	Packets
	239	Lanes	do.	...	46-00	...	...	...	...	...	...	Packets
	272	I.C.I.A.N.Z.	Lanes (W.A.) Pty. Ltd.	...	46-00	...	...	...	...	...	...	Packets
	75	Cresco	Cuning Smith Mount Lyell F.F. Ltd.	...	...	...	...	...	...	...	...	Packets
	79	A in diamond	Cresco Fertilisers (W.A.) Ltd.	...	...	...	...	...	...	...	...	Packets
2. Phosphatic (a) Rock Phosphate	97	C.S.M.L.	Albany Superphosphate Co. Pty. Ltd.	...	...	...	...	...	...	...	...	Packets
	124	Mount Lyell	Cuning Smith Mount Lyell F.F. Ltd.	...	...	...	...	...	...	...	...	Packets
	137	Siekle	do.	...	...	...	...	...	...	...	...	Packets
	5	Blue Cross	do.	...	...	...	...	...	...	...	...	Packets
	36	Wunda	Agricultural Products Co.	...	...	...	...	...	...	...	...	Packets
	52	Fecrocrus	Higgins Hardware	...	...	...	...	...	...	...	...	Packets
	58	Cresco	Fecrocrus	...	...	...	...	...	...	...	...	Packets
	78	A in diamond	Cresco Fertilisers (W.A.) Ltd.	...	...	...	...	...	...	...	...	Packets
	96	C.S.M.L.	Albany Superphosphate Co. Pty. Ltd.	...	...	...	...	...	...	...	...	Packets
	123	Mt. Lyell	Cuning Smith Mount Lyell F.F. Ltd.	...	...	...	...	...	...	...	...	Packets
(b) Superphosphate	136	Siekle	do.	...	...	...	...	...	...	...	...	Packets
	160	Best	do.	...	...	...	...	...	...	...	...	Packets
	167	Symonds	W. J. Pascoe & Son	...	...	...	...	...	...	...	...	Packets
	186	David Gray's	E. Symonds	...	...	...	...	...	...	...	...	Packets
	198	Westfarmers	David Gray & Co. Ltd.	...	...	...	...	...	...	...	...	Packets
	257	Boans	Westralian Farmers Co-op. Ltd.	...	...	...	...	...	...	...	...	Packets
	76	Cresco	Boans Ltd.	...	...	...	...	...	...	...	...	Packets
	80	A in diamond	Cresco Fertilisers (W.A.) Ltd.	...	...	...	...	...	...	...	...	Packets
	...	...	Albany Superphosphate Co. Pty. Ltd.	...	...	...	...	...	...	...	...	Packets
	...	...	...	...	...	...	...	...	...	...	...	Packets
(c) Rock Phosphate and Superphosphate 50/50 Mixture	...	...	...	...	...	...	...	...	...	...	...	Packets
	...	...	...	...	...	...	...	...	...	...	...	Packets
	...	...	...	...	...	...	...	...	...	...	...	Packets
	...	...	...	...	...	...	...	...	...	...	...	Packets
	...	...	...	...	...	...	...	...	...	...	...	Packets
	...	...	...	...	...	...	...	...	...	...	...	Packets
	...	...	...	...	...	...	...	...	...	...	...	Packets
	...	...	...	...	...	...	...	...	...	...	...	Packets
	...	...	...	...	...	...	...	...	...	...	...	Packets
	...	...	...	...	...	...	...	...	...	...	...	Packets

FERTILISERS—continued

Name of Fertiliser	Reg. No.	Registered Brand	By Whom Registered	Nitrogen (N) as				Phosphoric Anhydride (P ₂ O ₅) as				Potash (K ₂ O) as		Cash Price per ton at Works (W) or on Rails Perth (P)	
				Ni- trate	Am- monia	Blood and Bone	Urea	Water Soluble	Citrate Soluble	Acid Soluble	Total Soluble	Sul- phate	Mur- iate		
2. Phosphatic—continued															
(c) Rock Phosphate and Superphosphate—continued															
50/50 Mixture	98	C.S.M.L.	Cuming Smith Mount Lyell F.F. Ltd.	...	...	...	...	8.50	1.50	20.00	30.00	...	...	£12/17/0 (P.W.)	
Do.	125	Mount Lyell	do. do.	...	...	...	...	8.50	1.50	20.00	30.00	...	...	£12/17/0 (P.W.)	
Do.	138	Sickle	do. do.	...	...	...	...	8.50	1.50	20.00	30.00	...	...	£12/17/0 (P.W.)	
3. Potassic															
(a) Potash Muriate															
Muriate of Potash	8	Blue Cross	Agricultural Products Co.	...	...	...	...	...	...	...	...	...	...	58.00	
Do.	38	Wunda	Higgins Hardware	...	...	...	...	...	...	...	...	...	...	58.00	
Do.	48	Evergreen	Voldemars Ertners	...	...	...	...	...	...	...	...	...	...	58.00	
Do.	53	Frecorns	Frecorns	...	...	...	...	...	...	...	...	...	...	58.00	
Do.	121	Sun	Cuming Smith Mount Lyell F.F. Ltd.	...	...	...	...	...	...	...	...	...	...	58.00	
Do.	162	Best	W. J. Pascoe & Sons	...	...	...	...	...	...	...	...	...	...	58.00	
Do.	171	Symonds	E. Symonds	...	...	...	...	...	...	...	...	...	...	58.00	
Do.	184	David Gray's	David Gray & Co. Ltd.	...	...	...	...	...	...	...	...	...	...	58.00	
Do.	201	Westfarmers	Westralian Farmers Co-op. Ltd.	...	...	...	...	...	...	...	...	...	...	58.00	
Do.	253	Boans	Boans Ltd.	...	...	...	...	...	...	...	...	...	...	58.00	
(b) Potash as Sulphate															
Sulphate of Potash	39	Wunda	Higgins Hardware	...	...	...	...	...	...	...	...	...	...	58.00	
Do.	120	Sun	Cuming Smith Mount Lyell F.F. Ltd.	...	...	...	...	...	...	...	...	48.00	...	58.00	
Do.	172	Symonds	E. Symonds	...	...	...	...	...	...	...	...	...	...	58.00	
Do.	185	David Gray's	David Gray & Co. Ltd.	...	...	...	...	...	...	...	...	...	...	58.00	
Do.	202	Westfarmers	Westralian Farmers Co-op. Ltd.	...	...	...	...	...	...	...	...	48.00	...	58.00	
4. Nitrogen as Phosphoric															
Anhydride															
Potato Manure "C"	72	Cresco	Cresco Fertilisers (W.A.) Ltd.	...	3.50	...	...	14.00	2.50	2.25	18.75	...	...	£19/9/6 (P.W.)	
Do.	92	A in diamond	Albany Superphosphate Co. Pty. Ltd.	...	3.50	...	...	14.00	2.50	2.25	18.75	...	...	£19/11/6 (P.W.)	
Do.	111	C.S.M.L.	Cuming Smith Mount Lyell F.F. Ltd.	...	3.50	...	...	14.00	2.50	2.25	18.75	...	...	£19/19/6 (G.W.)	
Do.	132	Mt. Lyell	do. do.	...	3.50	...	...	14.00	2.50	2.25	18.75	...	...	£19/9/6 (P.W.)	
Do.	150	Sickle	do. do.	...	3.50	...	...	14.00	2.50	2.25	18.75	...	...	£19/9/6 (P.W.)	
Do.	189	Wooltana	Wooltana Industry Pty. Ltd.	...	3.50	4.00	...	...	2.00	7.15	9.15	...	...	£29/0/0 (P)	
Animal Organs and Mineral Fertiliser															
Lawn Manure	209	Dawn	Dawn Fertilisers	...	5.75	...	...	8.75	2.00	1.75	12.50	...	...	Packets	
Garden Fertiliser	228	Sound	Cockburn Sound Fertilisers	...	...	4.00	...	3.00	1.00	2.00	6.00	...	...	£25/0/0 (W)	
5. Nitrogen Phosphoric															
Anhydride and Potash															
Potato Manure "A"	9	Blue Cross	Agricultural Products Co.	...	2.50	...	...	13.25	2.25	2.50	18.00	...	...	Packets	
Do.	10	do.	do. do.	...	3.50	...	...	11.50	1.25	2.75	15.50	...	...	Packets	
Do.	14	do.	do. do.	...	4.00	...	...	3.00	3.00	6.00	12.00	...	...	Packets	
Do.	15	do.	do. do.	...	...	2.25	...	3.00	3.00	3.00	10.00	...	...	Packets	
Do.	24	Hymos	D. W. Moss	...	3.00	...	...	0.75	0.15	1.05	1.05	...	...	Packets	
Do.	31	Wunda	Higgins Hardware	...	3.80	...	...	6.30	3.70	11.80	11.80	...	...	Packets	
Do.	32	do.	do. do.	...	5.20	...	...	5.10	2.00	4.00	11.10	...	...	Packets	

33	Garden Grower "E"	do.	do.	...	...	5-20	...	...	5-10	2-00	4-00	11-10	...	4-60
35	Potato Manure "E"	do.	do.	...	...	3-50	...	...	11-50	2-00	2-00	15-50	...	8-00
43	Lawn Manure	do.	do.	...	...	3-50	...	...	11-50	2-00	2-00	15-50	...	8-00
45	Garden Manure	do.	do.	...	...	3-50	...	...	11-50	2-00	2-00	15-50	...	8-00
46	Potato Manure "E"	do.	do.	...	...	3-50	...	...	11-50	2-00	2-00	15-50	...	8-00
51	Do. do. "A"	do.	do.	...	...	3-50	...	...	11-50	2-00	2-00	15-50	...	8-00
51	Freecorn...	do.	do.	...	...	2-50	...	...	13-25	2-25	2-50	18-00	...	5-00
71	Potato Manure "B"	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	5-00
73	Potato Manure "E"	do.	do.	...	...	3-50	...	...	12-50	2-00	2-00	15-50	...	8-00
74	Orchard Manure	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	5-00
90	Potato Manure "A"	do.	do.	...	...	2-50	...	...	13-25	2-25	2-50	18-00	...	5-00
91	Potato Manure "B"	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	5-00
93	Potato Manure "E"	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	8-00
94	Orchard Manure	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	8-00
95	Garden Fertiliser	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	8-00
108	Potato Manure "A"	do.	do.	...	...	2-50	...	...	13-25	2-25	2-50	18-00	...	5-00
109	Potato Manure "A2"	do.	do.	...	...	2-50	...	...	13-25	2-25	2-50	18-00	...	5-00
110	Potato Manure "B"	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	8-00
112	Potato Manure "E"	do.	do.	...	...	3-50	...	...	11-50	2-00	2-00	15-50	...	8-00
113	Potato Manure "E2"	do.	do.	...	...	3-50	...	...	11-50	2-00	2-25	16-75	...	8-00
114	Orchard Manure	do.	do.	...	...	3-50	...	...	11-50	2-00	2-25	16-75	...	8-00
115	Garden Fertiliser	do.	do.	...	...	3-50	...	...	11-50	2-00	2-25	16-75	...	8-00
116	Tobacco Fertiliser	do.	do.	...	...	3-00	...	...	8-25	1-50	1-50	11-25	...	15-00
118	Potato Manure "A"	do.	do.	...	...	3-50	...	...	10-25	1-50	2-00	13-75	...	10-00
130	Potato Manure "B"	do.	do.	...	...	3-50	...	...	13-25	2-25	2-50	18-00	...	5-00
131	Potato Manure "E"	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	8-00
133	Potato Manure "E"	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	8-00
134	Orchard Manure	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	8-00
135	Garden Fertiliser	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	8-00
148	Potato Manure "A"	do.	do.	...	...	2-50	...	...	13-25	2-25	2-50	18-00	...	5-00
149	Potato Manure "B"	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	8-00
151	Potato Manure "E"	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	8-00
152	Orchard Manure	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	8-00
153	Garden Fertiliser	do.	do.	...	...	3-50	...	...	11-50	2-00	2-25	15-50	...	8-00
157	Rose Manure	do.	do.	...	...	3-50	...	...	11-50	2-00	2-00	13-00	...	8-00
158	Potato Manure "A"	do.	do.	...	...	3-50	...	...	13-25	2-25	2-50	18-00	...	8-00
159	Potato Manure "E"	do.	do.	...	...	3-50	...	...	11-50	2-00	2-00	15-50	...	8-00
165	Lawn Fertiliser	do.	do.	...	...	4-25	...	...	4-00	3-50	4-50	12-00	...	3-75
166	Rose Fertiliser	do.	do.	...	...	4-25	...	...	4-00	3-50	4-50	12-00	...	3-75
168	Potato Manure "B"	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	5-00
169	Potato Manure "E"	do.	do.	...	...	3-50	...	...	12-50	2-00	2-25	16-75	...	8-00
180	Do. do.	do.	do.	...	...	3-50	...	...	11-50	2-00	2-00	15-50	...	8-00
203	Do. do.	do.	do.	...	...	3-50	...	...	11-50	2-00	2-00	15-50	...	8-00
210	Rose Manure	do.	do.	...	...	5-25	...	...	7-75	1-25	2-00	11-00	...	3-25
211	Plant Food	do.	do.	...	...	5-30	...	...	7-85	1-15	2-00	11-00	...	3-50
212	Bulb and Corn Manure	do.	do.	...	...	1-90	...	...	9-20	1-40	0-80	11-40	...	9-00
213	Seedling Manure	do.	do.	...	...	1-90	...	...	8-75	1-25	1-00	11-00	...	4-40
214	Superphos No. 1	do.	do.	...	...	5-30	...	...	1-80	0-50	0-20	2-50	...	2-00
215	Superphos No. 2	do.	do.	...	...	2-00	...	...	3-00	0-50	0-50	10-00	...	0-50
222	Superphos No. 1	do.	do.	...	...	4-00	...	...	3-00	0-50	0-50	9-00	...	2-00
225	Apex	do.	do.	...	...	5-00	...	...	3-00	1-50	4-50	9-00	...	2-00
226	N. 1 Fertiliser	do.	do.	...	...	5-00	...	...	3-00	1-50	4-50	9-00	...	2-00
224	N. 1 Fertiliser	do.	do.	...	...	6-20	...	...	3-00	1-50	4-50	9-00	...	2-00
233	Nitrophoska Grey	do.	do.	...	...	5-30	...	...	6-60	8-40	...	15-00	...	15-00
234	Nitrophoska Green	do.	do.	...	...	6-60	...	...	6-60	8-40	...	15-00	...	15-00
235	Nitrophoska Blue	do.	do.	...	...	5-30	...	...	5-00	7-00	...	12-00	...	8-90
236	Nitrophoska Yellow	do.	do.	...	...	6-60	...	...	6-60	8-40	...	15-00	...	11-10

(PW) Perth Works. (GW) Geraldton Works. (AW) Albany Works. (PJW) Pictou Junction Works.

FERTILISERS—continued

Name of Fertiliser	Reg. No.	Registered Brand	By Whom Registered	Nitrogen (N) as				Phosphoric Anhydride (P ₂ O ₅) as					Potash (K ₂ O) as		Cash Price per ton at Works (W) or on Rails at Perth (P)	
				Ni- trate	Am- monia	Blood and Bone	Urea	Water Soluble	Citrate Soluble	Acid Soluble	Total Soluble	Sul- phate	Mur- iate			
5. Nitrogen, Phosphoric Anhydride and Potash—continued																
Nitrophoska Red	237	B.A.S.F. ...	Henry H. York & Co. Pty. Ltd.	%	%	%	%	%	%	%	%	%	%	%		
Bumpercrop	240	Lanes	Lanes (W.A.) Pty. Ltd. ...	5.70	7.30	...	...	5.40	7.60	...	13.00	1.90	18.10	£59/10/0 (P)		
Potato Manure "E"	246	Boans	Boans Ltd.	6.50	6.50	...	...	5.20	7.80	...	13.00	...	20.00	Packets		
Orchard Manure	253	P.P.	Pictou Produce Pty. Ltd.	...	3.50	...	...	11.50	1.25	...	15.50	...	8.00	£26/0/0 (P)		
Top Dressing Fertiliser	263	do.	do.	...	(2.75)	...	...	7.50	...	...	21.50	2.00	...	£26/0/0 (P)W		
Potato Manure	265	do.	do.	...	(2.75)	...	...	7.50	...	...	21.50	2.00	...	£26/0/0 (P)W		
Potato Manure "E"	270	Manning	H. E. Powell	...	(2.75)	...	...	7.50	...	...	21.50	2.00	...	£26/0/0 (P)W		
Gard-N-Tabs	273	Fertilisers	G. C. Warner Lab. Pty. Ltd.	...	3.50	...	...	11.50	2.00	...	15.50	...	8.00	Packets		
Foil 8	274	Geo. C. Warner	do.	...	14.00	...	...	19.00	...	...	19.00	...	24.00	Packets		
6. Phosphoric Anhydride																
Super and Potash No. 1	68	Cresco	Cresco Fertilisers (W.A.) Ltd.	...	...	...	...	14.00	2.50	2.50	19.00	...	9.00	£17/1/6 (PW)		
Super and Potash	89	A in diamond	Albany Superphosphate Co. Pty. Ltd.	...	...	...	...	14.00	2.50	2.50	19.00	...	9.00	£17/4/0 (AW)		
Do.	107	C.S.M.L.	Cunning Smith Mount Lyell F.F. Ltd.	...	...	...	...	14.00	2.50	2.50	19.00	...	9.00	£17/3/0 (P)W		
Do.	129	Mount Lyell	do.	...	...	...	...	14.00	2.50	2.50	19.00	...	9.00	£17/1/6 (PW)		
Do.	147	Stickle	do.	...	...	...	...	14.00	2.50	2.50	19.00	...	9.00	£17/1/6 (PW)		
7. Phosphoric Anhydride and Minor Elements																
Super and Copper	59	Cresco	Cresco Fertilisers (W.A.) Ltd.	%	%	%	%	%	%	%	%	%	%	%	%	£15/9/0 (PW)
Super and Copper	60	do.	do.	...	...	...	...	16.00	2.75	2.75	21.50	...	...	...	...	£20/2/1 (PW)
Super Copper, Zinc	61	do.	do.	...	...	...	...	12.75	2.25	3.50	18.50	...	...	...	...	£17/9/6 (PW)
Super Copper, Zinc	62	do.	do.	...	...	...	...	12.75	2.25	3.50	18.50	...	...	...	...	£19/15/0 (PW)
Super Copper, Zinc	63	do.	do.	...	...	...	...	12.75	2.25	3.50	18.50	...	Trace	...	...	£18/15/0 (PW)
Super and Molybdenum	64	do.	do.	...	...	...	...	16.50	2.75	3.25	22.50	...	...	...	...	£14/7/0 (PW)
Super and Zinc Oxide	65	do.	do.	...	...	...	...	14.50	2.50	2.50	19.50	...	...	...	...	£24/6/6 (PW)
Super and Manganese	66	do.	do.	...	...	...	...	17.00	3.00	3.00	23.00	...	Trace	...	...	£15/12/0 (PW)
Super and Molybdenum	67	do.	do.	...	...	...	...	17.00	3.00	3.00	23.00	...	Trace	...	...	£15/12/0 (PW)

Super and Minor Elements	69	do.	do.	do.	do.	11.75	2.50	2.25	16.50	1.00	2.25	2.25	...	...	...	...	...	£23/13/8 (PW)
Super, Copper Ore	81	A in diamond	Albany Superphosphate Co. Pty. Ltd.	do.	do.	13.00	2.25	3.75	19.00	1.25	...	...	...	...	...	...	...	£16/9/6 (AW)
Super, Copper Ore	82	do.	do.	do.	do.	12.75	2.25	3.50	18.50	1.25	1.15	...	...	...	...	...	...	£17/9/6 (AW)
Super, Copper, Zinc and Cobalt	83	do.	do.	do.	do.	12.75	2.25	3.50	18.50	1.25	1.15	Trace	...	...	Trace	...	...	£19/15/0 (AW)
Super, Copper, Zinc and Cobalt	84	do.	do.	do.	do.	12.75	2.25	3.50	18.50	1.25	1.15	...	...	...	...	...	...	£18/15/0 (AW)
Super, Copper, Zinc and Molybdenum	85	do.	do.	do.	do.	16.50	2.75	3.25	22.50	...	1.15	...	...	...	...	...	...	£14/7/0 (AW)
Super and Zinc	86	do.	do.	do.	do.	14.50	2.50	2.50	19.50	...	...	...	...	...	Trace	...	...	£24/6/6 (AW)
Super and Manganese	87	do.	do.	do.	do.	17.00	3.00	3.00	23.00	...	...	...	...	...	...	...	...	£14/12/0 (AW)
Super and Molybdenum	88	do.	do.	do.	do.	17.00	3.00	3.00	23.00	...	1.25	Trace	...	...	...	...	...	£15/12/0 (AW)
Super and Cobalt	89	C.S.M.L.	Cumming Smith Mount Lyell F.F. Ltd.	do.	do.	13.00	2.25	3.75	19.00	1.25	1.15	...	...	...	...	...	...	£16/9/0 (FJW)
Super and Copper	90	do.	do.	do.	do.	12.75	2.25	3.50	18.50	1.25	1.15	...	...	...	...	...	...	£17/9/6 (FJW)
Super, Copper Ore	100	do.	do.	do.	do.	12.75	2.25	3.50	18.50	1.25	1.15	Trace	...	...	...	...	...	£19/15/0 (FJW)
Super, Copper, Zinc, and Cobalt	101	do.	do.	do.	do.	12.75	2.25	3.50	18.50	1.25	1.15	...	...	...	...	...	...	£18/15/0 (FJW)
Super, Copper, Zinc, and Molybdenum	102	do.	do.	do.	do.	16.50	2.75	3.25	22.50	...	1.15	...	...	...	...	...	...	£14/7/0 (FJW)
Super and Zinc	103	do.	do.	do.	do.	14.50	2.50	2.50	19.50	...	...	...	...	...	...	...	...	£24/6/6 (FJW)
Super and Manganese	104	do.	do.	do.	do.	17.00	3.00	3.00	23.00	...	...	...	...	...	Trace	...	...	£24/6/6 (FJW)
Super and Molybdenum	105	do.	do.	do.	do.	17.00	3.00	3.00	23.00	...	...	Trace	...	...	...	...	...	£14/12/0 (FJW)
Super and Cobalt	106	do.	do.	do.	do.	17.00	3.00	3.00	23.00	...	...	...	...	...	...	...	...	£15/12/0 (FJW)
Super and Copper	126	Mt. Lyell	do.	do.	do.	13.00	2.25	3.75	19.00	1.25	...	...	...	...	...	...	...	£16-9-0 (PW)
Super, Copper Ore	127	do.	do.	do.	do.	12.75	2.25	3.50	18.50	1.25	1.15	...	...	...	...	...	...	£17/9/6 (PW)
Super, Zinc and Zinc	128	do.	do.	do.	do.	16.50	2.75	3.25	22.50	...	1.15	...	...	...	...	...	...	£14/7/0 (PW)
Super and Copper	139	Sickle	do.	do.	do.	13.00	2.25	3.75	19.00	1.25	...	...	...	...	...	...	...	£16/9/0 (PW)
Super, Copper Ore	140	do.	do.	do.	do.	12.75	2.25	3.50	18.50	1.25	1.15	...	...	...	...	...	...	£17/9/6 (PW)
Super, Copper, Zinc, and Zinc	141	do.	do.	do.	do.	12.75	2.25	3.50	18.50	1.25	1.15	Trace	...	...	...	...	...	£19/15/0 (PW)
Super, Copper, Zinc, and Cobalt	142	do.	do.	do.	do.	12.75	2.25	3.50	18.50	1.25	1.15	...	...	...	Trace	...	...	£18/15/0 (PW)
Super, Copper, Zinc, and Molybdenum	143	do.	do.	do.	do.	16.50	2.75	3.25	22.50	...	1.15	...	...	...	...	...	...	£14/7/0 (PW)
Super and Zinc	144	do.	do.	do.	do.	14.50	2.50	2.50	19.50	...	...	...	...	...	Trace	...	...	£24/6/6 (PW)
Super and Manganese	145	do.	do.	do.	do.	17.00	3.00	3.00	23.00	...	...	...	...	...	...	...	...	£14/12/0 (PW)
Super and Molybdenum	146	do.	do.	do.	do.	17.00	3.00	3.00	23.00	...	...	Trace	...	...	...	...	...	£15/12/0 (PW)
Super and Cobalt	146	do.	do.	do.	do.	17.00	3.00	3.00	23.00	...	...	...	...	...	...	...	...	£15/12/0 (PW)
8. Nitrogen, Phosphoric Anhydride and Minor Elements																		
Hydrangea Blueing Tonic	16	Blue Cross	Agricultural Products Co.	do.	do.	2.00	...	...	2.00	...	2.00	...	...	...	(S)	3.50	8.90	Packets
9. Nitrogen, Phosphoric Anhydride, Potash and Minor Elements																		
Lawn Manure	11	Blue Cross	Agricultural Products Co.	do.	do.	4.00	...	...	8.00	2.00	45	...	...	...	PPM	PPM	PPM	Packets
Citrus Manure	12	do.	do.	do.	do.	4.00	...	...	9.00	3.00	250	...	...	...	PPM	PPM	PPM	Packets

(PW) Perth Works. (GW) Geraldton Works. (AW) Albany Works. (FJW) Picton Junction Works.

FERTILISERS—continued

Name of Fertiliser	Reg. No.	Registered Brand	By Whom Registered	Nitrogen (N) as				Phosphoric Anhydride (P ₂ O ₅) as				Potash (K ₂ O) as		Minor Elements										Cash price per ton at Works (W) or on Rails, Perth (P)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				Nitrate	Ammonia	Blood and Bone	Urea	Water Sol.	Citrate Sol.	Acid Sol.	Total Sol.	Sulphate	Muriate	(Cu)	(Zn)	(Co)	(Mn)	(Mg)	(Fe)	(Mo)	(B)	(Al)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
9. Nitrogen, Phosphoric Anhydride, Potash and Minor Elements—contd.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Rose Bush Fertiliser	13	Blue Cross	Agricultural Products Co.	4.00	...	2.00	2.00	4.00	8.00	3.00	...	PPM 45	PPM 45	...	PPM 100	PPM 145	PPM 160	PPM 2	PPM 6	PPM 45	

FERTILISERS—continued

Name of Fertiliser	Reg. No.	Registered Brand	By Whom Registered	Nitrogen (N) as				Phosphoric Anhydride (P ₂ O ₅) as				Potash (K ₂ O) as		Cash Price per ton at Works (W) or on Rails at Perth (P)	
				Ni- trate	Am- monia	Blood and Bone	Urea	Water Soluble	Citrate Soluble	Acid Soluble	Total Soluble	Sul- phate	Mur- late		
B. ORGANIC FERTILISER															
1. Blood and Bone Fertiliser	1	Blue Cross	Agricultural Products Co.	5.00	2.00	7.00	9.00	Fine Material			Packets
Blood and Bone	34	Wunda	Higgins Hardware	...	...	5.00	...	...	2.00	7.15	9.15	a	100	55
Do.	41	Evergreen Fertilisers	Voldemars Ertners	...	...	5.00	...	...	2.00	7.15	9.15	b	100	55
Do.	49	Freecorns	Freecorns	...	...	5.00	...	...	2.00	7.15	9.15	a	100	55
Do.	55	Wyndham	Wyndham Meat Works	...	...	6.00	...	...	5.50	9.50	15.00	b	100	55
Do.	56	N.Z.	Burridge & Warren Pty. Ltd.	...	...	7.50	...	...	8.70	1.30	10.00	b	100	55
Blood and Bone Fertiliser	57	Sayer	do.	...	...	4.25	...	...	8.85	9.90	18.75	a	100	55
Blood and Bone Manure	155	Kitchens	J. Kitchen & Sons Pty. Ltd.	...	...	6.80	...	...	9.00	5.00	14.00	b	100	55
Blood and Bone	156	Best	W. J. Pascoe & Sons	...	...	6.00	...	...	4.00	11.00	15.00	a	100	55
Do.	164	Symonds	E. Symonds	...	...	5.25	...	...	2.50	6.50	9.00	b	100	55
Do.	174	David Gray's	David Gray & Co. Ltd.	...	...	5.00	...	...	2.00	8.00	10.00	a	100	55
Do.	190	Wesfarmers	Westralian Farmers Co-op. Ltd.	...	...	5.00	...	...	2.00	7.15	9.15	b	100	55
Do.	208	Dawn	Dawn Fertilisers	...	...	5.00	...	...	2.00	8.00	10.00	a	100	55
Do.	218	Mars	Fergusons By-products Pty. Ltd.	...	...	6.00	...	...	3.50	11.50	15.00	b	100	55
Do.	221	Apex	E. J. Fry Pty. Ltd.	...	...	6.00	...	...	4.00	11.00	15.00	a	100	55
Do.	225	Sound	Cockburn Sound Fertilisers	...	...	5.25	...	...	2.50	6.50	9.00	b	100	55
Do.	249	Smorgan	Norman Smorgan & Sons Pty. Ltd.	...	...	5.00	...	...	4.00	10.00	14.00	a	100	55
Do.	254	Boans	Boans Ltd.	...	...	6.00	...	...	4.00	11.00	15.00	b	100	55
Do.	262	P.P.	Picton Produce Pty. Ltd.	...	...	5.00	...	...	5.00	10.00	15.00	a	100	55
Do.	267	Manning Fertilisers	H. E. Powell	...	...	5.00	...	...	2.00	7.15	9.15	b	100	55
Do.	275	T.B. & S. in diamond	Thomas Borthwick & Son Ltd.	...	...	5.75	...	...	6.75	5.25	12.00	a	100	55
2. Animal Fertilisers															
Animal Fertiliser	2	Blue Cross	Agricultural Products Co.	...	...	3.50	...	...	3.00	9.00	12.00	...	...	Packets
Bone Dust	3	do.	do.	...	...	3.00	...	...	2.00	7.00	9.00	...	...	Packets
Animal Fertiliser	220	A.N.A. Sur-prise	E. J. Fry Pty. Ltd.	...	...	5.00	...	...	4.00	10.00	14.00	...	...	£47/10/0 (P)
Meat Meal Fertiliser	245	Dawsons	Dawson Harrison Pty. Ltd.	...	...	4.59	...	...	6.56	9.60	16.30	...	...	£32/10/0 (W)
3. Blood Meal Fertilisers															
Dried Blood	191	Wesfarmers	Westralian Farmers Co-op. Ltd.	12.00	£80/0/0 (P)	

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JUST AS SURELY
AS A

10-YEAR DROUGHT

This "life"—from the smallest single cell Bacteria with a life cycle of 20 minutes to the largest earth worm with a life of at least 14 years—disappears completely when denied the 3 essentials for soil life—AIR: Moisture: Warmth. Soil workers die and the fertility cycle of the soil has ceased.



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