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GOVERNMENT NOTICE.

DEPARTMENT OF AGRICULTURAL TECHNICAL SERVICES.

No. R. 1541.]

[4 October 1963.]

REGISTRATION AND SALE OF FERTILIZERS.

The State President has, under the powers vested in him by section *twenty-three* of the Fertilizers, Farm Feeds and Remedies Act, 1947 (Act No. 36 of 1947), as amended, made the regulations set out in the Schedule hereto.

SCHEDULE.

INTERPRETATION.

1. In these regulations, unless inconsistent with the context—

- (i) "the Act" means the Fertilizers, Farm Feeds, and Remedies Act, 1947, as amended;
- (ii) "guaranteed analysis" means the percentage primary and/or secondary plant foods as guaranteed by the manufacturer or producer;
- (iii) "group 1 fertilizer" means—
 - (a) any of the substances known as ammonium sulphate, ammonium phosphate, ammonium nitrate, ammonium sulphate-nitrate, sodium nitrate, ammoniated superphosphate, potassium nitrate, calcium nitrate, calcium cyanamide, limestone ammonium nitrate, urea, superphosphate, double superphosphate, basic-super, super and lime, ammonia, metaphosphate, raw phosphate, treated phosphate, basic slag, potassium chloride, potassium sulphate, potash magnesia, monopotassium phosphate, guano, carcass meal, or hoof and horn meal;
 - (b) any bone, blood, fish or meat product; or
 - (c) any mixture composed mainly of one or more of the said substances or products: Provided such substance, product or mixture complies with the requirements (if any) prescribed in these regulations in respect of such substance, product or mixture;
- (iv) "group 2 fertilizer" means—

any substance, product or mixture which is not classified as a group 1 fertilizer but which, in the opinion of the Registering Officer, contains sufficient quantities of one or more of the following elements: Nitrogen, phosphorus, potassium, calcium, magnesium, sulphur, iron,

GOEWERMENTSKENNISGEWING.

DEPARTEMENT VAN LANDBOU-TEGNIJSE DIENSTE.

No R. 1541.]

[4 Oktober 1963.]

REGISTRASIE EN VERKOOP VAN MISSTOWWE.

Die Staatspresident het, kragtens die bevoegdheid hom verleen by artikel *drie-en-twintig* van die Wet op Misstowwe, Veevoedsel en Middels, 1947 (Wet No. 36 van 1947), soos gewysig, die regulasies in die Bylae hierby uitengesit, gemaak.

BYLAE.

VERTOLKING.

1. In hierdie regulasies, tensy uit die samehang anders blyk, beteken—

- (i) "die Wet" die Wet op Misstowwe, Veevoedsel en Middels, 1947, soos gewysig;
- (ii) "gewaarborgde ontleding" die persentasie primêre en/of sekondêre plantvoedsels soos gewaarborg deur die fabrikant of produsent;
- (iii) "groep 1-misstof"—
 - (a) enige van die stowwe bekend as ammonium-sulfaat, ammoniumfosfaat, ammoniumnitraat, ammoniumsulfaatintraat, natriumnitraat, geammonifiseerde superfosfaat, kaliumnitraat, kalsiumnitraat, kalsiumsianamied, kalksteen-ammoniumnitraat, ureum, superfosfaat, basiese super, super en kalk, ammonia, dubbelsuperfosfaat, metafosfaat, rufosfaat, behandelde fosfaat, slakmeel, kaliumchloried, kaliumsulfaat, potasmagnesia, monokaliumfosfaat, ghwano, karkasmeel, of hoof- en horingmeel;
 - (b) enige been-, bloed-, vis- of vleisproduk; of
 - (c) 'n mengsel wat hoofsaaklik uit een of meer van genoemde stowwe of produkte bestaan: Met dien verstande dat sodanige stof, produk of mengsel voldoen aan die vereistes (indien daar is) by hierdie regulasies voorgeskryf ten opsigte van sodanige stof, produk of mengsel;
- (iv) "groep 2-misstof"—

enige stof, produk of mengsel wat nie as 'n groep 1-misstof geklassifiseer word nie, maar wat volgens die oordeel van die Registrasie-beampte genoegsame hoeveelhede van een of meer van die volgende elemente: Stikstof, fosfor,

zinc, copper, boron, molybdenum and manganese, to make it valuable for purposes of improving or maintaining the growth of plants or the productivity of the soil;

- (v) "per cent" or "percentage" means per cent or percentage of weight.

REGISTRATION.

2. (1) Every application for the registration of a fertilizer shall be submitted, in triplicate, in the case of—

- (a) a group 1 fertilizer, in the form prescribed in the Second Annexure hereto; and
- (b) a group 2 fertilizer, in the form prescribed in the Third Annexure hereto;

to The Registering Officer of Fertilizers, Department of Agricultural Technical Services, Private Bag 116, Pretoria, together with the registration fee specified in the First Annexure hereto.

(2) Before considering an application, the Registering Officer may call upon the applicant to furnish him with such further information (including suitable samples of the fertilizer in question) as he may deem necessary in order to determine whether such fertilizer is suitable and sufficiently effective for the purpose for which it is intended.

(3) Whenever a fertilizer is registered, the Registering Officer shall issue or cause to be issued to the applicant a registration certificate, which shall be valid for a period not exceeding twelve months and which shall in any event expire on the 30th June next following. An applicant shall, when applying for registration, inform the Registering Officer which products he intends to offer for sale during the currency of such registration.

(4) An application for the renewal of an existing registration shall be submitted not later than the date on which it expires, viz., 30th June each year, and shall be in the form prescribed in the Sixth Annexure hereto. An applicant shall, when applying for registration, inform the Registering Officer which products he intends to offer for sale during the currency of such registration.

(5) If any change occurs in the analysis of a registered fertilizer or in the registered name or brand, the fertilizer so affected shall be considered to be a new fertilizer, which shall require registration anew.

(6) When any person in whose name a fertilizer is registered, transfers his rights in such fertilizer to another person or firm, the latter person or firm shall, whether such fertilizer is to be sold under the same name or not, submit a new original application for the registration of such fertilizer and the fact that such fertilizer was registered previously, is no guarantee that it will again be acceptable for registration.

(7) A person in whose name a fertilizer is registered, shall furnish the Registering Officer with such information in regard to such fertilizer as the Registering Officer may in writing require and shall furnish the Registering Officer on the 31st December of every year a return in respect of the weight of every fertilizer under each registration sold during the previous year.

(8) Whenever the registration of a fertilizer is cancelled or otherwise terminated, the person or firm in whose name such fertilizer is registered, shall surrender the relative certificate of registration and the renewal certificate of registration (if any) issued in respect of such fertilizer to the Registering Officer within seven days after the Registering Officer has in writing requested that it be surrendered.

kalium, kalsium, magnesium, swawel, yster, sink, koper, boor, molibdeen en mangaan bevat om dit waardevol te maak vir die verbetering of instandhouding van die groei van plante of van die produktiwiteit van die grond;

- (v) "persent" of "persentasie" percent of persentasie volgens gewig.

REGISTRASIE.

2. (1) Elke aansoek om die registrasie van 'n misstof moet, in drievoud, gerig word in die geval van—

- (a) 'n groep 1-misstof, in die vorm in die Tweede Aanhangel hiervan voorgeskryf; en
- (b) 'n groep 2-misstof in die vorm in die Derde Aanhangel hiervan voorgeskryf,

aan Die Registrasiebeampte van Misstowwe, Departement van Landbou-tegniese Dienste, Privaatsak 116, Pretoria, tesame met die registrasiegeld in die Eerste Bylae hiervan gespesifiseer.

(2) Voordat 'n aansoek oorweeg word, kan die Registrasiebeampte die applikant versoek om hom van die verdere inligting (met inbegrip van geskikte monsters van die betrokke misstof) te voorsien wat hy nodig mag ag ten einde vas te stel of sodanige misstof geskik en doeltreffend genoeg is vir die doel waarvoor dit bestem is.

(3) Wanneer 'n misstof geregistreer word, reik of laat reik die Registrasiebeampte 'n registrasiesertifikaat aan die applikant uit, wat geldig is vir 'n tydperk van hoogstens twaalf maande en wat in elk geval op die eersvolgende 30ste Junie verval. Wanneer 'n applikant om registrasie aansoek doen moet hy die Registrasiebeampte in kennis stel watter produkte hy van voorneme is om gedurende die geldigheidsduur van sodanige registrasie vir verkoop aan te bied.

(4) 'n Aansoek om die hernuwing van 'n bestaande registrasie moet ingedien word nie later nie as die datum waarop dit verstryk, te wete 30 Junie van elke jaar, en aansoek moet gedoen word in die vorm soos in die Sesde Bylae hiervan voorgeskryf. Wanneer 'n applikant om die hernuwing van registrasie aansoek doen, moet hy die Registrasiebeampte in kennis stel watter produkte hy van voorneme is om gedurende die geldigheidsduur van sodanige registrasie vir verkoop aan te bied.

(5) As daar 'n verandering in die ontleding van 'n geregistreerde misstof of in die geregistreerde handelsnaam of -merk voorkom, word die misstof wat aldus geraak word, as 'n nuwe misstof beskou, wat opnuut geregistreer moet word.

(6) Wanneer iemand op wie se naam 'n misstof geregistreer is sy regte ten opsigte van so 'n misstof aan iemand anders oordra, moet laasgenoemde persoon of firma, ongeag of sodanige misstof onder dieselfde naam verkoop sal word of nie, 'n nuwe oorspronklike aansoek om die registrasie van die misstof indien en is die feit dat die betrokke misstof voorheen geregistreer was, geen waarborg dat dit weer vir registrasie aanneembaar sal wees nie.

(7) Iemand op wie se naam 'n misstof geregistreer is, moet die Registrasiebeampte voorsien van die inligting ten opsigte van sodanige misstof wat die Registrasiebeampte skriftelik mag aanvra en moet elke jaar op 31 Desember 'n opgawe aan die Registrasiebeampte verstrek ten opsigte van die gewig misstof onder elke registrasie wat gedurende die voorafgaande jaar bemark is.

(8) Wanneer die registrasie van 'n misstof ingetrek of op 'n ander wyse beëindig word, moet die persoon of firma op wie se naam die misstof geregistreer is, die betrokke registrasiesertifikaat en die hernuwingsregistrasiesertifikaat (as daar is) wat ten opsigte van sodanige misstof uitgereik is aan die Registrasiebeampte terug gee binne sewe dae nadat die Registrasiebeampte skriftelik versoek het dat dit teruggegee word.

(9) Applications for the registration of fertilizers manufactured outside the Republic shall be considered only if submitted through a representative of the manufacturer resident or carrying on business within the Republic.

APPEALS.

3. (1) Whenever an application for registration has been rejected, or where a registration has been made subject to conditions in terms of sub-section (3) of section three of the Act, or has been cancelled in terms of section four of the Act, the applicant may—

- (a) within 14 days of being notified of such rejection, imposition of conditions or cancellation, apply to the Registering Officer in writing for the reasons of such decision, and the Registering Officer shall within 14 days from the date of receipt of such application furnish the applicant in writing with such reasons;
- (b) within 56 days of being notified of such rejection, imposition of condition or cancellation, appeal to the Minister in writing against such decision.

(2) The provisions of paragraph (a) of sub-regulation (1) shall apply *mutatis mutandis* in respect of any decision given by the Minister in connection with an appeal lodged with him in terms of paragraph (b) of the said sub-regulation.

MARKING OF CONTAINERS.

4. (1) Subject to the provisions of sub-regulation (6), no person shall sell any fertilizer unless there is clearly and legibly marked on the container in which it is sold—

(a) in the case of a group 1 fertilizer—

- (i) the words "Fertilizer Group 1" or the abbreviation "Fertilizer Grp. 1";
- (ii) the name and brand (if any) of the fertilizer;
- (iii) the guaranteed analysis of the fertilizer;
- (iv) the words "Registered in terms of Act No. 36 of 1947";
- (v) the net weight in case of solids and the net volume in case of liquids; and
- (vi) such further information as is hereinafter required;

(b) in the case of a group 2 fertilizer—

- (i) the words "Fertilizer Group 2" or the abbreviation "Fertilizer Grp. 2";
- (ii) the name and brand (if any) of the fertilizer;
- (iii) the words "Registered in terms of Act No. 36 of 1947";
- (iv) the guaranteed analysis of the fertilizer; and
- (v) the net weight in case of solids and the net volume in the case of liquids;
- (vi) where claims in regard to micro-elements are made in respect of a group 2 fertilizer, the elements in regard to which such claims are made, in the elemental form of such elements.

(2) The name of the fertilizer to be marked in terms of sub-regulation (1) on the container, shall be the name of such fertilizer as it appears in the relevant application for registration.

(3) Directions for use may appear on containers or on labels affixed thereto, only if such containers contain fertilizers for spraying, fertilizers in liquid form, or packings of a weight not in excess of 50 lb. each (and such directions for use shall be clearly and legibly marked on such container or label, as the case may be).

(4) Save for inscriptions "Registered in terms of Act No. 36 of 1947" and "Directions for use", the markings or inscriptions prescribed by these regulations shall appear on one side of the container containing the fertilizer and shall—

(9) 'n Aansoek om die registrasie van 'n misstof wat buite die Republiek vervaardig word, word slegs oorweeg indien die fabrikant se verteenwoordiger wat binne die Republiek woonagtig is of besigheid dryf, dit ingedien het.

APPEL.

3. (1) Wanneer 'n aansoek om registrasie geweier is, of 'n registrasie kragtens subartikel (3) van artikel drie van die Wet aan voorwaardes onderworpe gemaak of kragtens artikel vier van die Wet ingetrek is, kan die applikant—

- (a) binne 14 dae nadat hy van sodanige weiering, oplegging van voorwaardes of intrekking in kennis gestel is, skriftelik by die Registrasiebeampte verneem na die redes vir sodanige beslissing, en die Registrasiebeampte moet binne 14 dae na die datum van ontvangs van sodanige navraag sodanige redes skriftelik aan die applikant verstrek;
- (b) binne 56 dae nadat hy van sodanige weiering, oplegging van voorwaardes of intrekking in kennis gestel is, skriftelik by die Minister appèl aanteken teen sodanige beslissing.

(2) Die bepalings van paragraaf (a) van subregulasie (1) is *mutatis mutandis* van toepassing ten opsigte van 'n beslissing wat deur die Minister gegee is in verband met 'n appèl wat kragtens paragraaf (b) van genoemde subregulasie by hom aangeteken is.

MERK VAN HOERS.

4. (1) Behoudens die bepalings van subregulasie (6), mag niemand 'n misstof verkoop nie tensy op die houer waarin dit verkoop word, duidelik en leesbaar aangebring word—

(a) in die geval van 'n groep 1-misstof—

- (i) die woorde "Misstof Groep 1" of die afkorting "Misstof Grp. 1";
- (ii) die naam en handelsmerk (as daar is) van die misstof;
- (iii) die gewaarborgde ontleding van die misstof;
- (iv) die woorde "Geregistreer ooreenkomstig Wet No. 36 van 1947"; en
- (v) die netto gewig in geval van vaste stowwe en die netto volume in die geval van vloeistowwe;
- (vi) die verdere inligting wat hieronder vereis word.

(b) In die geval van 'n groep 2 misstof—

- (i) die woorde "Misstof Groep 2" of die afkorting "Misstof Grp. 2";
- (ii) die naam en handelsmerk (as daar is) van die misstof;
- (iii) die woorde "Geregistreer ooreenkomstig Wet No. 36 van 1947";
- (iv) die gewaarborgde ontleding van die misstof;
- (v) die netto gewig in geval van vaste stowwe en die netto volume in die geval van vloeistowwe;
- (vi) waar aanspraak in verband met spoorelemente ten opsigte van 'n groep 2-misstof gemaak word, die elemente ten opsigte waarvan aanspraak gemaak word, in die elementvorm van sodanige elemente.

(2) Die naam wat ooreenkomstig subregulasie (1) op die houer aangebring moet word, moet die naam van sodanige misstof wees soos dit in die betrokke aansoek om registrasie verskyn.

(3) Gebruiksaanwysings kan slegs op houers of op etikette daaraan geheg, verskyn indien sodanige houers misstowwe vir spuitdoeleindes, misstowwe in vloeibare vorm of verpakings wat nie meer as 50 lb. elk weeg, bevat, en sodanige gebruiksaanwysings moet duidelik en leesbaar op sodanige houer of etiket, na gelang van die geval, aangebring word.

(4) Behoudens die opskrifte "Geregistreer ooreenkomstig Wet No. 36 van 1947" en "Gebruiksaanwysings", moet die merke of opskrifte by hierdie regulasies voorgeskryf op die een kant van die houer wat die misstof bevat verskyn en moet—

- (a) in the case of a container containing not less than 100 lb. thereof and manufactured from paper or plastic material, be in symbols, letters or numbers at least $\frac{1}{2}$ inch high and in the case of a jute container be in symbols, letters or numbers of at least 1 inch high;
- (b) in the case of a container containing less than 100 lb. thereof be in symbols, letters or numbers which are clearly legible.
- (5) Save as may be provided by any other law, no markings or inscriptions other than those permitted or prescribed by these regulations, the names and addresses of the consignor and the consignee of the fertilizer and the registered trade mark of the person (firm, company) responsible for the registration of the fertilizer, may appear on any container in which a fertilizer is sold.

(6) The requirements prescribed for the marking of containers of fertilizers or labels affixed thereto, shall not apply in the case of the sale of—

- (a) a fertilizer which is unpacked;
- (b) karoo manure, karoo ash, karoo manure-ash mixture, kraal manure, stable manure, farm compost, municipal compost, sewage sludge or seaweed.

INVOICE.

5. The invoice to be given or sent to a purchaser of a fertilizer, as required by section *nine* of the Act, shall indicate—

- (a) the name and address of the person by whom it is sold;
- (b) the name and address of the person to whom it is sold;
- (c) the date of sale;
- (d) whether it is a group 1 fertilizer or a group 2 fertilizer;
- (e) the name and brand (if any) of the fertilizer as registered;
- (f) the net weight sold of the fertilizer, except in the case of a fertilizer referred to in paragraph (g);
- (g) in the case of a fertilizer which is karoo manure, kraal manure, stable manure, farm compost or municipal compost, the cubic measure of the material and whether the material is in the crude form or sifted;
- (h) the guaranteed analysis of the fertilizer, except in the case of a fertilizer referred to in paragraph (b) of sub-regulation (6) of regulation 4.

NITROGENOUS FERTILIZERS.

6. (1) No fertilizer shall be registered or sold under the name—

- (i) ammonium sulphate,
- (ii) ammonium nitrate,
- (iii) sodium nitrate (nitrate of soda),
- (iv) calcium nitrate (nitrate of lime),
- (v) calcium cyanamide,
- (vi) urea,
- (vii) meatmeal,
- (viii) bloodmeal,
- (ix) limestone ammonium nitrate,
- (x) ammonium sulphate-nitrate,

unless it is a fertilizer which contains at least—

- (i) 20 per cent,
- (ii) 30 per cent,
- (iii) 15 per cent,
- (iv) 15 per cent,
- (v) 20 per cent,
- (vi) 45 per cent,
- (vii) 8 per cent,
- (viii) 9 per cent,
- (ix) 20 per cent,
- (x) 25 per cent,

nitrogen (N), respectively.

(a) in die geval van 'n houer wat minstens 100 lb. daarvan bevat, en van papier of plastiese materiaal vervaardig is, in simbole, letters of syfers van minstens $\frac{1}{2}$ duim hoog, en in die geval van 'n jutehouer, in simbole, letters of syfers van minstens een duim hoog wees;

(b) in die geval van 'n houer wat minder as 100 lb. daarvan bevat, in simbole, letters of syfers wees wat duidelik leesbaar is.

(5) Behoudens die bepalings van enige ander wet, mag geen ander merke of opskrifte as dié wat in hierdie regulasies toegelaat of voorgeskryf word, die name en adresse van die afsender en geadresseerde van die misstof en die geregistreerde handelsmerk van die persoon (firma, maatskappy) verantwoordelik vir die registrasie van die misstof, op 'n houer waarin misstof verkoop word, verskyn nie.

(6) Die vereistes voorgeskryf vir die merk van houers van misstowwe of etikette daaraan geheg, is nie, van toepassing nie in die geval van die verkoop van—

- (a) 'n misstof wat nie verpak is nie;
- (b) karoomis, karoo-as, karoomis-asmengsel, kraalmis, stalmis, plaaskompos, munisipale kompos, rioolslyk of seegras.

FAKTUUR.

5. Die faktuur wat aan 'n koper van 'n misstof oorhandig of gestuur word, moet soos deur artikel *nege* van die Wet vereis aandui—

- (a) die naam en adres van die persoon deur wie dit verkoop word;
- (b) die naam en adres van die persoon aan wie dit verkoop word;
- (c) die datum van verkoop;
- (d) of dit 'n groep 1-misstof of groep 2-misstof is;
- (e) die geregistreerde naam en handelsmerk (as daar is) van die misstof;
- (f) die netto gewig van die misstof wat verkoop word, behalwe in die geval van 'n misstof in paragraaf (g) genoem;
- (g) in die geval van 'n misstof wat karoomis, kraalmis, stalmis, plaaskompos of munisipale kompos is, die kubieke maat van die stof en of sodanige stof ru of gesif is;
- (h) die gewaarborgde ontleding van die misstof, behalwe in die geval van 'n misstof in paragraaf (b) van subregulasie (6) van regulasie 4 genoem.

STIKSTOFMISSTOWWE.

6. (1) Geen misstof word geregistreer of verkoop onder die naam—

- (i) ammoniumsulfaat,
- (ii) ammoniumnitraat,
- (iii) natriumnitraat (nitraat van soda),
- (iv) kalsiumnitraat (nitraat van kalk),
- (v) kalsiumsianamied,
- (vi) ureum,
- (vii) vleisemeel,
- (viii) bloedmeel,
- (ix) kalksteen-ammoniumnitraat,
- (x) ammoniumsulfaat-nitraat,

nie tensy dit 'n misstof is wat onderskeidelik minstens—

- (i) 20 persent,
- (ii) 30 persent,
- (iii) 15 persent,
- (iv) 15 persent,
- (v) 20 persent,
- (vi) 45 persent,
- (vii) 8 persent,
- (viii) 9 persent,
- (ix) 20 persent,
- (x) 25 persent,

stikstof (N) bevat.

(2) There shall be clearly and legibly marked on every container in which any of the fertilizers referred to in sub-regulation (1) of regulation 6 is sold, as part of and immediately following the name, a number indicating the percentage (expressed as a whole number) of nitrogen present in the fertilizer.

PHOSPHATIC FERTILIZERS.

7. (1) No fertilizer shall be registered or sold under the name—

- (a) superphosphate (super) unless it is a fertilizer which contains at least 7.5 per cent water-soluble phosphorus;
- (b) double superphosphate (double super) unless it is a fertilizer which contains at least 18.5 per cent water-soluble phosphorus;
- (c) basic superphosphate (basic super) unless it is a fertilizer made from mixing lime and superphosphate and contains a minimum of 7.5 per cent phosphorus soluble in a 2 per cent citric acid solution and a maximum of 1.3 per cent phosphorus soluble in water;
- (d) super and lime unless it is a fertilizer which consists of a mixture of lime and superphosphate and shall contain at least 7.5 per cent phosphorus soluble in 2 per cent citric acid solution and a maximum of 4.4 per cent phosphorus soluble in water;
- (e) basic slag unless it is—
 - (i) a fertilizer which contains at least 6.2 per cent phosphorus soluble in a 2 per cent citric acid solution; and
 - (ii) of sufficient fineness to permit at least 80 per cent thereof to pass through a standard sieve referred to in regulation 17;
- (f) bone phosphate unless it is a fertilizer which contains at least 4.4 per cent phosphorus soluble in a 2 per cent citric acid solution and 11.4 per cent total phosphorus;
- (g) raw phosphate unless it is—
 - (i) a natural phosphate which consists essentially of tricalcium phosphate and has not been subjected to any processing other than crushing, drying, sifting or mechanical concentration;
 - (ii) a fertilizer which shall contain at least 2.6 per cent phosphorus soluble in a 2 per cent citric acid solution and 7.0 per cent total phosphorus; and
 - (iii) of sufficient fineness to permit at least 80 per cent thereof to pass through a standard sieve referred to in regulation 17;
- (h) treated phosphate unless it is—
 - (i) a natural phosphate which has been subjected to fusion with other materials, or to other chemical treatment whereby it has become more effective as a fertilizer; and
 - (ii) a fertilizer which shall contain at least 7 per cent phosphorus soluble in a 2 per cent citric acid solution and at least 8 per cent total phosphorus; and
 - (iii) of sufficient fineness to permit at least 80 per cent thereof to pass through a standard sieve referred to in regulation 17.

(2) (a) There shall be marked on every container in which—

- (i) superphosphate (super) or double superphosphate (double super) are sold, as part of and immediately following the name, a number indicating the percentage water-soluble phosphorus present in such fertilizer;

(2) Daar moet op elke houer waarin 'n misstof in sub-regulasie (1) van regulasie 6 genoem, verkoop word, as deel van en onmiddellik na die naam, 'n syfer wat die persentasie stikstof (as 'n heel getal) in die misstof aandui, duidelik en leesbaar aangebring word.

FOSFAATMISSTOWWE.

7. (1) Geen misstof word geregistreer of verkoop nie onder die naam—

- (a) superfosfaat (super) tensy dit 'n misstof is wat minstens 7.5 persent in water oplosbare fosfor bevat;
- (b) dubbelsuperfosfaat (dubbelsuper) tensy dit 'n misstof is wat minstens 18.5 persent in water oplosbare fosfor bevat;
- (c) basiese superfosfaat (basiese super) tensy dit 'n misstof is wat uit 'n mengsel van kalk en superfosfaat bestaan, minstens 7.5 persent fosfor bevat wat in 'n tweepersent sitroensuuroplossing oplosbaar is, en hoogstens 1.3 persent fosfor bevat wat in water oplosbaar is;
- (d) super en kalk tensy dit 'n misstof is wat uit 'n mengsel van kalk en superfosfaat bestaan en minstens 7.5 persent fosfor bevat wat in twee persent sitroensuuroplossing oplosbaar is en 'n maksimum van 4.4 persent fosfor wat in water oplosbaar is;
- (e) slakmeel, tensy dit—
 - (i) 'n misstof is wat minstens 6.2 persent fosfor bevat wat in 'n tweepersent-sitroensuuroplossing oplosbaar is; en
 - (ii) fyn genoeg is dat minstens 80 persent daarvan deur 'n standaardsif in regulasie 17 genoem, kan gaan;
- (f) beenfosfaat, tensy dit 'n misstof is wat minstens 4.4 persent fosfor wat in 'n tweepersent-sitroensuuroplossing oplosbaar is en 11.4 persent totale fosfor bevat;
- (g) rufosfaat, tensy dit—
 - (i) 'n natuurlike fosfaat is wat hoofsaaklik uit trikalsiumfosfaat bestaan en wat aan geen ander verwerking as vergruising, droging, sifting of meganiese konsentrasie onderwerp is nie;
 - (ii) 'n misstof is wat minstens 2.6 persent fosfor wat in 'n tweepersent-sitroensuuroplossing oplosbaar is en 7 persent totale fosfor bevat; en
 - (iii) fyn genoeg is dat minstens 80 persent daarvan deur 'n standaardsif in regulasie 17 genoem, kan gaan;
- (h) behandelde fosfaat, tensy dit—
 - (i) 'n natuurlike fosfaat is wat met ander stowwe saamgesmelt is of ander chemiese behandeling ondergaan het waardeur dit as 'n misstof doeltreffender geword het; en
 - (ii) 'n misstof is wat minstens 7 persent fosfor wat in 'n tweepersent-sitroensuuroplossing oplosbaar is en minstens 8 persent totale fosfor bevat; en
 - (iii) fyn genoeg is dat 80 persent daarvan deur 'n standaardsif in regulasie 17 genoem, kan gaan.

(2) (a) Daar moet op elke houer aangebring word waarin—

- (i) superfosfaat (super) en dubbelsuperfosfaat (dubbelsuper) verkoop word, as deel van en onmiddellik na die naam, 'n syfer wat die persentasie in water oplosbare fosfor in sodanige misstof aandui;

- (ii) basic slag or treated phosphate are sold, as part of and immediately following the name, a number indicating the percentage phosphorus soluble in a 2 per cent citric acid solution, present in such fertilizer;
- (iii) bone phosphate is sold, as part of and immediately following the name, a number indicating the percentage total phosphorus present in such fertilizer;
- (iv) raw phosphate is sold, as part of and immediately following the name, numbers indicating the percentage total phosphorus as well as the percentage phosphorus soluble in a 2 per cent citric acid solution, present in such fertilizer,

and any percentage which is required to be marked on a container in terms of this sub-regulation shall be expressed to the first decimal.

(b) There shall be clearly and legibly marked on every container in which raw phosphate is sold, as part of and immediately preceding the name, the approved name of the place of origin of such phosphate.

POTASSIC FERTILIZERS.

8. (1) No fertilizer shall be registered or sold under the name—

- (a) potassium chloride unless it is a fertilizer which contains at least 41.5 per cent water-soluble potassium in chloride form;
- (b) potassium sulphate unless it is a fertilizer which contains at least 33.2 per cent water-soluble potassium in sulphate form;
- (c) potash magnesia unless it is a fertilizer which contains at least 20.7 per cent potassium (K) and at least 3 per cent magnesium (Mg) soluble in water.

(2) There shall be clearly and legibly marked on every container in which a fertilizer referred to in sub-regulation (1), is sold, as part of and immediately following the name, a figure indicating the percentage, expressed to the first decimal of water-soluble potassium present in such fertilizer.

COMPOUND FERTILIZERS.

Chemical Compound Substances.

9. (1) No fertilizer shall be registered or sold under the name—

- (a) potassium nitrate unless it is a fertilizer which contains at least 10 per cent nitrogen and 29.9 per cent water-soluble potassium;
- (b) ammonium phosphate unless it is a fertilizer which contains at least 10 per cent nitrogen and 19.8 per cent phosphorus soluble in a 2 per cent citric acid solution;
- (c) ammoniated superphosphate unless it is a fertilizer which contains at least 2 per cent nitrogen and 6.6 per cent phosphorus soluble in 2 per cent citric acid solution.

(2) There shall be clearly and legibly marked on every container in which potassium nitrate, ammonium phosphate or ammoniated superphosphate is sold, as part of and immediately following the name, three numerals separated by dashes and indicating in the order mentioned the respective percentages, expressed to the first decimal of nitrogen, phosphorus soluble in a 2 per cent citric acid solution and potassium oxide soluble in a 2 per cent citric acid solution, present in such fertilizer.

NATURAL COMPOUND SUBSTANCES.

10. (1) No fertilizer shall be registered or sold under the name—

- (a) guano, unless it is a natural fertilizer composed mainly of the excreta of seabirds and unless it contains at least 7 per cent nitrogen and a total of 13 per cent nitrogen, total phosphorus and total potassium;

(ii) slakmeel en behandelde fosfaat verkoop word, as deel van en onmiddellik na die naam, 'n syfer wat die persentasie fosfor wat in 'n tweepersent-sitroensuuroplossing oplosbaar is, in sodanige misstof aandui;

(iii) beenfosfaat verkoop word, as deel van en onmiddellik na die naam, 'n syfer wat die persentasie totale fosfor in sodanige misstof aandui;

(iv) rufosfaat verkoop word, as deel van en onmiddellik na die naam, syfers wat die persentasie totale fosfor sowel as die persentasie fosfor wat in 'n tweepersent-sitroensuuroplossing oplosbaar is, in sodanige misstof aandui;

en 'n persentasie wat ingevolge hierdie subregulasie op 'n houer aangebring word, moet tot die eerste desimaal uitgedruk word.

(b) Op elke houer waarin rufosfaat verkoop word, moet, as deel van en onmiddellik voor die naam, die goedgekeurde naam van die plek van oorsprong van sodanige fosfaat duidelik en leesbaar aangebring word.

KALIUMMISSTOWWE.

8. (1) Geen misstof word geregistreer of verkoop nie onder die naam—

- (a) kaliumchloried, tensy dit 'n misstof is wat minstens 41.5 persent in water oplosbare kalium in chloried-vorm bevat;
- (b) kaliumsulfaat, tensy dit 'n misstof is wat minstens 33.2 persent in water oplosbare kalium in sulfaat-vorm bevat;
- (c) potasmagnesia, tensy dit 'n misstof is wat minstens 20.7 persent kalium (K) en minstens 3 persent magnesium (Mg) bevat, wat in water oplosbaar is.

(2) Op elke houer waarin 'n misstof in subregulasie (1) genoem, verkoop word, moet, as deel van en onmiddellik na die naam, 'n syfer wat die persentasie, tot die eerste desimaal uitgedruk, in water oplosbare kalium in sodanige misstof aandui, duidelik en leesbaar aangebring word.

SAAMGESTELDE MISSTOWWE.

Chemiese saamgestelde stowwe.

9. (1) Geen misstof word geregistreer of verkoop nie onder die naam—

- (a) kaliumnitraat, tensy dit 'n misstof is wat minstens 10 persent stikstof en 29.9 persent in water oplosbare kalium bevat;
- (b) ammoniumfosfaat, tensy dit 'n misstof is wat minstens 10 persent stikstof en 19.8 persent fosfor wat in 'n tweepersent-sitroensuuroplossing oplosbaar is, bevat;
- (c) geammonifiseerde superfosfaat, tensy dit 'n misstof is wat minstens 2 persent stikstof en 6.6 persent fosfor wat in 'n tweepersent-sitroensuuroplossing oplosbaar is, bevat.

(2) Op elke houer waarin kaliumnitraat, ammoniumfosfaat of geammonifiseerde superfosfaat verkoop word, moet, as deel van en onmiddellik na die naam, drie syfers wat deur strepies van mekaar geskei is en in gemelde volgorde die persentasie tot die eerste desimaal van onderskeidelik die stikstof, fosfor wat in 'n tweepersent-sitroensuuroplossing oplosbaar is en kalium wat in 'n tweepersent-sitroensuuroplossing oplosbaar is, in sodanige misstof aandui, duidelik en leesbaar aangebring word.

NATUURLIKE SAAMGESTELDE STOWWE.

10. (1) Geen misstof word geregistreer of verkoop nie onder die naam—

- (a) ghwano, tensy dit 'n natuurlike misstof is wat hoofsaaklik uit die uitwerpsels van seevoëls bestaan en minstens 7 persent stikstof en altesaam 13 persent stikstof, totale fosfor en totale kalium bevat;

- (b) phosphatic guano unless it is a fertilizer which contains at least 3 per cent nitrogen and a total of 10 per cent nitrogen, total phosphorus and total potassium;
- (c) bonemeal (bone dust, bone flour), unless it is—
- a fertilizer which contains at least 3 per cent nitrogen and a total of 12 per cent nitrogen and total phosphorus; and
 - in the case of bonemeal or bone dust, of sufficient fineness to permit at least 85 per cent thereof to pass through a sieve having round holes each two millimetres in diameter; or in the case of boneflour, of sufficient fineness to permit at least 100 per cent thereof to pass through a sieve having round holes each one millimetre in diameter, or at least 50 per cent thereof to pass through a sieve having round holes each one-half millimetre in diameter;
- (d) carcass meal, whale meal, fish meal, or hoof and horn meal, unless it is a fertilizer which contains at least 6 per cent nitrogen, and a total of 10 per cent nitrogen, total phosphorus and total potassium.

(2) There shall be clearly and legibly marked on every container in which a fertilizer referred to in sub-regulation (1) is sold, as part of and immediately following the name, three numerals separated by dashes and indicating in the order mentioned the respective percentages, expressed to the first decimal of nitrogen, total phosphorus and total potassium present in that fertilizer.

(3) In this regulation the expressions "total phosphorus" and "total potassium" shall refer to such quantities of these substances as will dissolve in a strong mineral acid.

11. (1) No fertilizer shall be registered or sold under the name bat manure unless it contains at least 2 per cent nitrogen and 1.8 per cent phosphorus soluble in a 2 per cent citric acid solution, and a total of at least 6.0 per cent of the two constituents taken together: Provided that, if it contains less than 2 per cent nitrogen but 6.0 per cent or more nitrogen and phosphorus soluble in a 2 per cent citric acid solution taken together, it may be registered and sold under the name bat phosphate.

(2) Bat manure and bat phosphate may only be registered and sold as a group 2 fertilizer.

ARTIFICIALLY MIXED FERTILIZERS.

12. (1) No artificially mixed fertilizer containing two or more of the constituents nitrogen, phosphorus soluble in a two per cent citric acid solution and potassium soluble in a two per cent acid solution, shall be registered or sold as a fertilizer unless it is a fertilizer—

- which is thoroughly mixed;
- which contains the said elements in one of the following ratio combinations with corresponding minimum total percentage of these elements:—

	Ratio N:P:K.	Minimum Total Percentage
		N+P+K.
(i)	1:0:1	28; or
(ii)	2:1:0	14; or
(iii)	2:1:2	20; or
(iv)	2:1:6	27; or
(v)	4:1:6	26; or
(vi)	1:2:1	12; or
(vii)	2:2:3	14; or
(viii)	3:2:1	14; or
(ix)	0:3:2	13; or
(x)	0:3:4	15; or
(xi)	2:3:0	11; or
(xii)	2:3:2	14; or
(xiii)	2:3:4	16; or
(xiv)	6:3:2	16

- (b) fosfaatghwano, tensy dit 'n misstof is wat minstens 3 persent stikstof en altesaam 10 persent stikstof, totale fosfor en totale kalium bevat;
- (c) beenmeel (beenstof, fynbeenmeel), tensy dit—
- 'n misstof is wat minstens 3 persent stikstof en altesaam 12 persent stikstof en totale fosfor bevat; en
 - in die geval van beenmeel of beenstof fyn genoeg is dat minstens 85 persent daarvan deur 'n sif met ronde gaatjies met 'n deursnee van twee millimeter elk kan gaan; of in die geval van fynbeenmeel fyn genoeg dat minstens 100 persent daarvan deur 'n sif met ronde gaatjies met 'n deursnee van een millimeter elk, of minstens 50 persent daarvan deur 'n sif met ronde gaatjies met 'n deursnee van 'n halwe millimeter elk, kan gaan;
- (d) karkasmeel, walvismeel, vismeel of hoef- en horingmeel, tensy dit 'n misstof is wat minstens 6 persent stikstof en altesaam 10 persent stikstof, totale fosfor en totale kalium bevat.

(2) Op elke houer waarin 'n misstof in subregulasie (1) genoem, verkoop word, moet, as deel van en onmiddellik na die naam, drie syfers wat deur strepies van mekaar geskei is en in gemelde volgorde die persentsies tot die eerste desimaal van onderskeidelik die stikstof, totale fosfor, totale kalium in sodanige misstof aandui, duidelik en leesbaar aangebring word.

(3) In hierdie regulasie het die uitdrukkings "totale fosfor" en "totale kalium" betrekking op die hoeveelhede van hierdie stowwe wat in 'n sterk mineraalsuur oplos.

11. (1) Geen misstof mag onder die naam vlermuismis geregistreer of verkoop word nie tensy dit minstens 2 persent stikstof en 1.8 persent fosfor wat in 'n tweepersent-sitroensuuroplossing oplosbaar is, en 'n totaal van minstens 6.0 persent van die twee bestanddele saam bevat: Met dien verstande dat, as dit minder as 2 persent stikstof maar gesamentlik 6.0 persent of meer stikstof en fosfor wat in 'n tweepersent-sitroensuuroplossing oplosbaar is, bevat, dit onder die naam vlermuïsfosfaat geregistreer en verkoop kan word.

(2) Vlermuïsmis en vlermuïsfosfaat mag slegs as 'n groep 2-misstof geregistreer en verkoop word.

KUNSMATIGE GEMENGDE MISSTOWWE.

12. (1) Geen kunsmatige, gemengde misstof wat twee of meer van die bestanddele, stikstof, fosfor wat in 'n tweepersent-sitroensuuroplossing oplosbaar is en kalium wat in 'n tweepersent-sitroensuuroplossing oplosbaar is, bevat, mag as 'n misstof geregistreer of verkoop word nie tensy dit 'n misstof is—

- wat deeglik gemeng word;
- wat genoemde elemente in een van die volgende verhoudingskombinasies met ooreenstemmende minimum totale persentasie van hierdie elemente bevat:—

	Verhouding N:P:K.	Minimum totale persentasie
		N+P+K.
(i)	1:0:1	28; of
(ii)	2:1:0	14; of
(iii)	2:1:2	20; of
(iv)	2:1:6	27; of
(v)	4:1:6	26; of
(vi)	1:2:1	12; of
(vii)	2:2:3	14; of
(viii)	3:2:1	14; of
(ix)	0:3:2	13; of
(x)	0:3:4	15; of
(xi)	2:3:0	11; of
(xii)	2:3:2	14; of
(xiii)	2:3:4	16; of
(xiv)	6:3:2	16

Provided that mixtures (vi), (vii) and (viii) shall be offered only in " $\frac{1}{2}$ org. N" form, while the other mixtures may be offered in " $\frac{1}{2}$ org. N" form, as well as in inorganic form; or

- (c) which is specially approved by the Registering Officer as a concentrated fertilizer because it contains jointly more than 38 per cent nitrogen, phosphorus and potassium; or
- (d) which is recommended as a fertilizer suitable for water or gravel culture, and marketed for that purpose only. Such products shall contain all the macro- and micro-element for this purpose and in proportions as approved by the Registering Officer.

(2) No person shall sell an artificially mixed fertilizer under the description " $\frac{1}{2}$ org. N" unless—

- (a) at least 50 per cent of the nitrogen in such a fertilizer mixture is of animal or plant origin; and
- (b) the expression " $\frac{1}{2}$ org. N" is clearly and legibly marked on the container in which it is sold.

(3) Any mixture referred to in paragraph (b) of sub-regulation (1), may only be registered and sold under the ratio of plantfood elements concerned stating the total percentage of these elements, and shall have no preceding letter, number or figure on the containers thereof.

(4) In the case of any mixture referred to in paragraph (c) or (d) of sub-regulation (1) only such names, instructions or directions for use as have been approved by the Registering Officer, may appear on a container or a label affixed thereto.

13. (1) A mixture consisting of supers and raw phosphate shall not be regarded as an artificially mixed fertilizer for the purpose of regulation 12 and such a mixture shall not be registered or sold under the name super and raw phosphate unless it contains at least 3.5 per cent water-soluble phosphorus, 5.7 per cent phosphorus soluble in 2 per cent citric acid and 11.0 per cent total phosphorus and the raw phosphate used at least 2.6 per cent phosphorus soluble in 2 per cent citric acid.

(2) There shall be clearly and legibly marked on every container in which such a mixture is sold, as part of and immediately following the name, the percentage phosphorus soluble in 2 per cent citric acid.

14. A mixture consisting of karoo manure and karoo ash shall not be regarded as an artificially mixed fertilizer for the purpose of regulation 12, and shall not be registered or sold under the name karoo manure and ash unless it contains from 60 to 70 per cent manure and from 30 to 40 per cent manure ash.

15. (a) A mixture consisting entirely of two or more of the materials karoo manure, kraal manure, stable manure, bat manure, compost, karoo ash, sewage sludge, castor meal, other plant residues, abattoir or fishery waste, lime, inferior natural phosphates and similar substances low in nitrogen content and citric acid-soluble phosphorus and potassium, shall not be regarded as an artificially mixed fertilizer for the purposes of regulation 12. Such mixtures, as well as all group 2 fertilizers, are subject to registration and shall only be sold under a name approved by the Registering Officer.

(b) No fertilizer containing any ingredient of a nature and in amounts which will cause such an interaction as to lead to the partial or complete loss of one or more constituents in a fertilizer, may be registered or sold as a fertilizer.

(c) No fertilizer shall be registered or sold as agricultural lime unless it contains at least 65 per cent calcium and magnesium carbonate with a maximum of 15 per cent magnesium carbonate.

Met dien verstande dat mengsels (vi), (vii) en (viii) slegs in " $\frac{1}{2}$ Org. N" vorm aangebied mag word, terwyl die ander mengsels in " $\frac{1}{2}$ Org. N" vorm sowel as in anorganiese vorm aangebied mag word; of

- (c) wat spesiaal deur die Registrasiebeampte as 'n gekonsentreerde misstof goedgekeur word, omdat dit gesamentlik meer as 38 persent stikstof, fosfor en kalium bevat; of
- (d) wat as 'n misstof geskik vir water- of gruis kultuur aanbeveel word en wat alleen vir dié doel bemark word. Sulke produkte moet al die makro- en mikro-elemente vir die doel en in verhoudings soos goedgekeur deur die Registrasiebeampte, bevat.

(2) Niemand mag 'n kunsmatig gemengde misstof onder die beskrywing " $\frac{1}{2}$ Org. N" verkoop nie, tensy—

- (a) minstens 50 persent van die stikstof in sodanige misstofmengsel van dierlike of plantaardige oorsprong is; en
- (b) die uitdrukking " $\frac{1}{2}$ Org. N" duidelik en leesbaar aangebring word op die houer waarin dit verkoop word.

(3) Enige mengsel in paragraaf (b) van subregulasie (1) genoem, mag slegs onder die betrokke verhouding van plantvoedingstofelemente met vermelding van die totale persentasie van hierdie elemente geregistreer en verkoop word, en het geen voorafgaande letter, syfer of teken op die houters daarvan nie.

(4) In die geval van 'n mengsel in paragraaf (c) of (d) van subregulasie (1) genoem, kan slegs die name, voor-skrifte of gebruiksaanwysings wat die Registrasiebeampte goedgekeur het, op 'n houer of op 'n etiket daaraan geheg, verskyn.

13. (1) 'n Mengsel wat bestaan uit superfosfaat en rufosfaat word vir die toepassing van regulasie 12 nie as 'n kunsmatig gemengde misstof beskou nie, en sodanige mengsel mag nie onder die naam supers en rufosfaat geregistreer of verkoop word nie, tensy dit minstens 3.5 persent in water oplosbare fosfor, 5.7 persent fosfor wat in tweepersent-sitroensuur oplosbaar is en 11.0 persent totale fosfor bevat en die rufosfaat wat gebruik word minstens 2.6 persent fosfor wat in tweepersent-sitroensuur oplosbaar is, bevat.

(2) Op elke houer waarin so 'n mengsel verkoop word, moet, as deel van en onmiddellik na die naam, die persentasie fosfor wat in tweepersent-sitroensuur oplosbaar is, duidelik en leesbaar aangebring word.

14. 'n Mengsel wat bestaan uit karoomis en karoo-as word nie vir die toepassing van regulasie 12 as 'n kunsmatig gemengde misstof beskou nie, en mag nie onder die naam karoomis en -as geregistreer of verkoop word nie, tensy dit van 60 tot 70 persent mis en van 30 tot 40 persent mis-as bevat.

15. (a) 'n Mengsel wat uitsluitlik uit twee of meer van die stowwe karoomis, kraalmis, stalmis, vlermuismis, kompos, karoo-as, rioolslyk, kastermeel, ander plantreste, abattoir- of visseryafval, kalk, minderwaardige natuurlike fosfate en soortgelyke stowwe bestaan wat arm is aan stikstof en aan in sitroensuur oplosbare fosfor en kalium, word vir die toepassing van regulasie 12 nie as 'n kunsmatig gemengde misstof beskou nie. Sulke mengsels sowel as alle groep 2-misstowwe is aan registrasie onderworpe en mag alleen onder 'n naam deur die Registrasiebeampte goedgekeur, verkoop word.

(b) Geen misstof wat enige bestanddeel van so 'n aard en in sodanige hoeveelhede bevat dat dit 'n wisselwerking kan veroorsaak wat die gedeeltelike of algehele verlies van een of meer van die bestanddele in 'n misstof tot gevolg kan hê, mag as 'n misstof geregistreer of verkoop word nie.

(c) Geen misstof mag as landboukalk geregistreer of verkoop word nie, tensy dit minstens 65 persent kalsium- en magnesiumkarbonaat, met 'n maksimum van 15 persent magnesiumkarbonaat, bevat.

(d) No fertilizer shall be registered or sold as dolomitic agricultural lime unless it contains at least 65 per cent calcium and magnesium carbonate with a minimum of 15 per cent magnesium carbonate.

(e) No fertilizer shall be registered or sold under the name of agricultural gypsum unless it contains at least 65 per cent calcium sulphate ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$) and less than 1 per cent sodium Na.

(f) No fertilizer shall be registered or sold as an agricultural lime, dolomitic agricultural lime or agricultural gypsum unless at least 30 per cent passes through a 60-mesh Tyler sieve and at least 95 per cent passes through a 10-mesh Tyler sieve.

(g) No fertilizer may be registered or sold as a micro element or mixture of micro elements unless it contains in the case of solids at least 10 per cent and in the case of liquids at least 2.5 per cent of the essential elements expressed in the elemental form.

STERILIZATION OF FERTILIZERS.

16. (1) No person shall import into the Republic—

(a) any fertilizer which contains bone or any other substance of animal origin;

(b) bones or any other substance of animal origin for the purpose of manufacturing any fertilizer;

unless it has been sterilized—

(i) by subjection to saturated steam under pressure of not less than 40 lb. per square inch maintained for a period of not less than two hours in a digester of not more than 4 tons capacity; or

(ii) in the case of marine products, by heating for 20 minutes at a temperature of not less than 100°C , or equivalent treatment; or

(iii) by any other method approved of by the Registering Officer;

and is free from *bacillus anthracis* and organisms of the gas-gangrene type.

(2) No person shall manufacture or sell any fertilizer containing bone or any other substance derived from an animal carcass, unless such bone or substance has been sterilized in the manner prescribed in sub-regulation (1).

STANDARD SIEVE.

17. The standard sieve to be used for determining the fineness of basic slag and rock or treated phosphate shall be of metal and circular in shape with a diameter between 5 and 8 inches; it shall be mounted in a stout metal framework; the parts where the seam meets the framework shall be rounded off by solder or other suitable means in order to avoid crevices in which powder may collect. The sieve shall be fitted with a lid and a box underneath to collect fine material. The mesh of the standard sieve shall be of the "single weave", i.e. each wire shall pass alternatively over and under successive wires and at right angles to those wires. The mesh shall be of even texture. The standard diameter of the wire and the standard length of the side of the aperture shall each be 0.147 millimetre. In all other respects the sieve shall comply with the specifications for the Tyler Screen Mesh 100.

ADVERTISING OF FERTILIZERS.

18. (a) Any advertisement which relates to a fertilizer shall state whether such fertilizer is a group 1 fertilizer or a group 2 fertilizer.

(b) Reference to registration in advertising literature shall be confined to the words "Registered in terms of the Fertilizers, Farm Feeds and Remedies Act, 1947 (Act No. 36 of 1947)", and no phrasing or trade mark shall be used which is calculated to lead the purchaser to believe that registration implies special approval or official guarantee of efficacy upon the part of the Department of Agricultural Technical Services.

(d) Geen misstof mag as dolomitiese landboukalk geregistreer of verkoop word nie, tensy dit minstens 65 persent kalsium- en magnesiumkarbonaat, met 'n minimum van 15 persent magnesiumkarbonaat, bevat.

(e) Geen misstof mag as landbougijs geregistreer of verkoop word nie, tensy dit minstens 65 persent kalsiumsulfaat ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$) en minder as 1 persent natrium (Na) bevat.

(f) Geen misstof mag as 'n landboukalk, dolomitiese landboukalk of landbougijs geregistreer of verkoop word nie, tensy minstens 30 persent deur 'n 60 maas-Tylersif en minstens 95 persent deur 'n 10 maas-Tylersif gaan.

(g) Geen misstof mag as 'n mikro-element of mengsel van mikro-elemente geregistreer of verkoop word nie, tensy dit in die geval van vaste stowwe minstens 10 persent en in die geval van vloeistowwe minstens 2.5 persent van die noodsaaklike elemente, uitgedruk in die elementvorm, bevat.

STERILISERING VAN MISSTOWWE.

16. (1) Niemand mag—

(a) 'n misstof wat been of 'n ander stof van dierlike oorsprong bevat; of

(b) bene of ander stowwe van dierlike oorsprong vir die vervaardiging van 'n misstof;

in die Republiek invoer nie, tensy dit gesteriliseer is—

(i) deur blootstelling aan versadigde stoom onder 'n druk van minstens 40 lb. per vierkante duim volgehou vir 'n tydperk van minstens twee uur in 'n digester met 'n inhoudsmaat van hoogstens 4 ton; of

(ii) in die geval van seeprodukte, deur verhitting vir 20 minute by 'n temperatuur van minstens 100°C , of ekwivalente behandeling; of

(iii) volgens 'n ander metode goedgekeur deur die Registrasiebeampte;

en vry is van *bacillus anthracis* en organismes van die gas-gangreentipe.

(2) Niemand mag 'n misstof wat been of 'n ander stof afkomstig van die karkas van 'n dier bevat, vervaardig of verkoop nie, tensy sodanige been of stof op die wyse in subregulasie (1) voorgeskryf, gesteriliseer is.

STANDAARDSIF.

17. Die standaardsif wat gebruik word om die fynheid van slakmeel en rots- of behandelde fosfaat te bepaal, moet van metaal gemaak en rond wees met 'n deursnee van tussen 5 en 8 duim; dit moet in 'n stewige metaalraamwerk gemonteer word; die dele waar die gaas teen die raam raak, moet met soldeersel of op 'n ander geskikte manier afgerond wees om skeurtjies waarin poeie kan versamel, uit te skakel. Die sif moet voorsien wees van 'n deksel en 'n kassie aan die onderkant om fyn materiaal op te vang. Die maaswerk van die standaardsif moet van die enkeldraad- ("single weave") tipe wees, d.i. elke draad moet beurtelings bo en onder die opeenvolgende drade deurgaan en moet reghoekig daarmee wees. Die sif se maas moet van egalige tekstuur wees. Die standaarddeursnee van die draad en die standaardlengte van die sy van die gaatjies moet elk 0.147 millimeter wees. In alle ander opsigte moet die sif aan die spesifikasies vir die Tyler Screen Mesh 100 voldoen.

ADVERTEER VAN MISSTOWWE.

18. (a) 'n Advertensie in verband met 'n misstof moet meld of sodanige misstof 'n groep 1-misstof of 'n groep 2-misstof is.

(b) Verwysing na registrasie in advertensieliteratuur word beperk tot die woorde "Geregistreer ooreenkomstig die Wet op Misstowwe, Veevoedsel en Middels, 1947 (Wet No. 36 van 1947)" en geen uitdrukking of handelsmerk wat daarop gemik is om by die koper die indruk te skep dat registrasie spesiale goedkeuring of 'n amptelike waarborg van die doeltreffendheid daarvan van die kant van die Departement van Landbou-tegniese Dienste beteken, mag gebruik word nie.

(c) Claims in advertisements relating to the plant food ingredients of a fertilizer shall be restricted to those appearing on the relative application form and which were approved by the Registering Officer in respect of such fertilizer when he last granted the application for registration or removal of registration.

(d) The chemical analysis or guarantee of each fertilizer as stated on the application form for registration of such fertilizer, shall be stated in any advertisement which relates to such fertilizer.

(e) The name of the fertilizer which appears in any advertisement shall be that which appears on the relative registration certificate.

(f) A typed or printed copy of any advertisement relating to a fertilizer shall be submitted to the Registering Officer either before publication or within 14 days after the first publication thereof.

TAKING OF SAMPLES.

19. (1) In terms of section *fifteen* of the Act an inspector or any other officer specially authorised thereto by the Secretary, may take samples of fertilizers from closed containers anywhere in the Republic.

(2) Where a container contains 5 lb. or more material, sampling shall be performed by either of the following methods:—

(i) *Mechanically*.—The inspector or other officer shall take 25 (twenty-five) closed containers, irrespective of the number of the run, lot or consignment. The 25 containers selected for sampling shall be grouped into 5 lots of 5 each. Container No. 1 of the first lot shall then be opened and the contents thrown into the hopper of a sample splitter with the gate closed. The gate shall then be opened and the speed of feed regulated to avoid spilling from the splitting device.

Splitting devices capable of drawing 1/16th of the original weight of the material, are preferable. The sample so obtained shall then be transferred to a clean container. Containers Nos. 2, 3, 4 and 5 shall be similarly treated, and all samples transferred to the same container. A quantity of approximately 32 lb. should so be obtained in case of 100 lb. containers. This joint sample shall then be thoroughly mixed and again thrown into the hopper of the sample splitter, with the gate closed. The gate shall be opened and a sample of approximately 2 lb. collected. This procedure shall be repeated twice more. The three samples shall be well mixed, ground where facilities exist and passed through a small sample splitter capable of dividing the sample into three portions. Each sample so obtained shall be transferred to an airtight container, sealed and marked. In all three samples shall be obtained from each lot of five containers.

The second, third, fourth and fifth lots shall be similarly treated.

If fewer than 25 containers are to be sampled, each and every container shall be taken.

It shall be the duty of the inspector or officer to clean the splitter thoroughly before a fertilizer is sampled. Or

(ii) *By hand*.—The inspector or other officer shall take 25 (twenty-five) closed containers, irrespective of the number of the run, lot or consignment. The 25 containers selected for sampling shall be grouped into 5 lots of 5 each. Container No. 1 of the first lot shall then be opened and the contents shall be placed on a clean, smooth sheet, thoroughly mixed and spread out. By means of a scooping utensil take approximately 6 lb. of fertilizer from various locations of the heap. This sample shall be placed in a clean container. Containers Nos. 2, 3, 4 and 5 shall be similarly treated and the samples placed

(c) Aansprake in advertensies met betrekking tot die plantvoedselbestanddele van 'n misstof, word beperk tot dié wat op die betrokke aansoekvorm verskyn en wat deur die Registrasiebeampte goedgekeur is ten opsigte van sodanige misstof toe hy laas die aansoek om registrasie of hernuwing van registrasie toegestaan het.

(d) Die chemiese ontleding of waarborg van elke misstof soos op die aansoekvorm vir registrasie van sodanige misstof gemeld, moet in elke advertensie van sodanige misstof gemeld word.

(e) Die naam van die misstof wat in 'n advertensie verskyn, moet dié wees wat op die betrokke registrasiesertifikaat vermeld staan.

(f) 'n Getikte of gedrukte kopie van 'n advertensie ten opsigte van 'n misstof moet of voor publikasie of binne 14 dae na die eerste publikasie daarvan by die Registrasiebeampte ingedien word.

NEEM VAN MONSTERS.

19. (1) Ooreenkomstig artikel *vyftien* van die Wet kan 'n inspekteur of 'n ander beampte spesiaal deur die Sekretaris daartoe gemagtig, op enige plek in die Republiek monsters van misstowwe uit toegemaakte houters haal.

(2) Waar 'n houer 5 lb. of meer stof bevat, word monsters op een van die volgende maniere geneem:—

(i) *Meganies*.—Die inspekteur of ander beampte moet 25 (vyf-en-twintig) toegemaakte houters neem, afgesien van die totale getal daarvan in die reeks, lot of besending. Die 25 houters wat vir die neem van monsters gekies word, word in 5 groepe van 5 elk gegroepeer. Houer No. 1 van die eerste groep word oopgemaak en die inhoud daarvan gegooi in die bak van 'n verdeler met die sluis toe. Die sluis word dan oopgemaak en die voerspoed gereël om te voorkom dat daar uit die verdelingsstoestel gemors word.

Verdelers wat 'n monster van 1/16de van die oorspronklike gewig van die stof kan trek, word verkies. Die monster aldus opgevang word dan na 'n skoon houer oorgeplaas. Houters No. 2, 3, 4 en 5 word insgelyks behandel en alle monsters na dieselfde houer oorgeplaas. In die geval van 100 lb.-houters behoort 'n hoeveelheid van ongeveer 32 lb. opgevang te word. Hierdie gesamentlike monster word dan deeglik gemeng en weer in die bak van die monsterverdeler, met die sluis toe, gegooi. Die sluis word dan oopgemaak en 'n monster van ongeveer 2 lb. opgevang. Hierdie prosedure word nog twee maal herhaal. Die drie monsters word deeglik gemeng, gemaak waar fasiliteite beskikbaar is, en deur 'n klein monsterverdeler, wat die monster in drie dele kan verdeel, gegooi. Elke monster aldus verkry, word in 'n lugdroë houer geplaas, verseël en gemerk. Altesaam moet drie monsters van elke groep van vyf houters verkry word.

Die tweede, derde, vierde en vyfde groepe word net so behandel.

Indien van minder as 25 houters monsters geneem moet word, moet uit elke afsonderlike houer geneem word.

Dit is die plig van die inspekteur of beampte om die verdeler deeglik skoon te maak voordat van 'n misstof monsters geneem word. Of

(ii) *Met die hand*.—Die inspekteur of ander beampte moet 25 (vyf-en-twintig) toegemaakte houters neem afgesien van die totale getal daarvan in die reeks lot of besending.

Die 25 houters wat vir die neem van die monster gekies word, word in 5 groepe van 5 elk gegroepeer. Houer No. 1 van die eerste groep word oopgemaak en die inhoud daarvan op 'n skoon, gladde seiltjie uitgegooi, deeglik gemeng en oorgesprei. Met 'n skeping word ongeveer 6 lb van die misstof van verskeie plekke op die hoop geneem. Hierdie monster word in 'n skoon houer geplaas. Houters No. 2, 3, 4 en 5 word net so behandel en die monsters word in dieselfde houer

in the same container. A quantity of about 30 lb. should be so obtained from five 100 lb. containers. This joint sample shall be thoroughly mixed and be spread out on a clean, smooth sheet. By means of a scooping utensil take approximately 6 lb. of fertilizer from various locations of the heap. After thoroughly mixing the joint sample shall be passed through a small sample splitter capable of dividing the sample into three portions. Each sample so obtained shall be transferred to an airdry container, sealed and marked. Lots 2, 3, 4 and 5 shall be similarly treated.

If fewer than 25 containers are to be sampled, each and every container shall be sampled.

In the case of 5 lb. containers to be sampled the contents of all five containers of lot 1 shall be emptied onto the smooth sheet to obtain 25 lb. of material for further subdivision, mechanically or by hand.

(3) Where a container contains less than 5 lb. of material, sampling shall be performed by the following method:—

An inspector may take any container or containers in which the fertilizer is kept and spread the contents thereof on a clean smooth sheet. Such contents shall thereafter be mixed, after which the inspector may take samples for examination and analysis therefrom.

(4) Where the fertilizer is unpacked, sampling shall be performed by the following method:—

The inspector or other officer shall take from 5 different locations on the heap each a 2 lb. container full of the fertilizer and throw them on a clean smooth sheet. This joint sample shall be thoroughly mixed and spread out. By means of a scooping utensil take approximately 5 lb. of the fertilizer from various locations on the sheet. After thorough mixing the latter sample shall be passed through a small sample splitter capable of dividing the sample into three portions. Each sample so obtained shall be transferred to an airdry container, sealed and marked.

This procedure shall be repeated 4 times on 20 different spots on the heap, so that a total of 5 samples in triplicate are obtained.

(5) The sample shall then be dealt with as prescribed by sub-section (2) of section fifteen of the Act.

(6) The certificate accompanying one part of the sample to the analyst as required by sub-section (2) of section fifteen of the Act, shall be in the forms prescribed in the Fourth Schedule hereto.

ASSESSING QUALITY.

20. (1) *Packings of 5 lb. and over each.*—For the purpose of assessing the quality of a lot comprising packings of 5 lb. and over, the average of the analysis obtained for the five samples shall be deemed to be the average for the 25 containers originally taken. If fewer than 25 containers were samples, one sample of each and every container shall be analysed and the average of the analyses obtained shall be deemed to be the average for all containers.

Acceptable quality for straight fertilizers (superphosphate, double superphosphate, raw-super mixture, basic slag, treated phosphate, limestone ammonium nitrate, ammonium sulphate, ammonium nitrate, urea, potassium chloride, Potassium sulphate, potash-magnesia, etc.) shall be such that the average of the five samples shall be equal to or greater than 96 per cent of the guaranteed analysis.

In the case of mixtures and compound fertilizers, with two or more plant food components, as well as all fertilizers of group 2 acceptable quality shall be such that the average of the five samples analysed shall be equal or greater than 93 per cent of the guaranteed analysis of each and every component.

geplaas. 'n Hoeveelheid van ongeveer 30 lb. word aldus verkry uit vyf 100 lb.-houers. Hierdie gesamentlike monster word deeglik gemeng en op 'n skoon, gladde seiltjie uitgesprei. Met 'n skepding word ongeveer 6 lb. van die misstof van verskeie plekke op die hoop geneem. Na deeglike menging word die gesamentlike monster deur 'n klein monsterverdelers, wat die monster in drie dele kan verdeel, gegooi. Elke monster aldus verkry, word in 'n lugdroë houer geplaas, verseël en gemerk.

Die 2de, 3de, 4de en 5de groepe word net so behandel.

Indien van minder as 25 houers monsters geneem moet word, word uit elke afsonderlike houer geneem.

Waar van 5 lb.-houers monsters geneem word, word die inhoud van al vyf houers van Groep No. 1 uitgegooi op die gladde seiltjie en ongeveer 25 lb. materiaal vir verdere onderverdeling—meganies of met die hand—te verkry.

(3) Waar 'n houer minder as 5 lb. materiaal bevat, word monsters op die volgende wyse geneem:—

'n Inspekteur kan enige houer of houers waarin die misstof gehou word, neem en die inhoud daarvan op 'n skoon, gladde seiltjie oopsprei. Sodanige inhoud word dan gemeng, waarna die inspekteur monsters vir ondersoek en ontleding daaruit mag neem.

(4) Waar die misstof onverpak is word monsters as volg geneem:—

Die inspekteur of ander beampte moet op 5 verskillende plekke van die hoop elk 'n 2 lb. houer vol van die misstof skep en op 'n skoon gladde seiltjie gooi. Hierdie gesamentlike monster moet deeglik gemeng en oorgesprei word. Met 'n skepding moet ongeveer 5 lb. van die misstof van verskeie plekke op die seiltjie geneem word. Na deeglike menging word laasgenoemde monster deur 'n klein monsterverdelers, wat die monster in drie dele kan verdeel, gegooi. Elke monster aldus verkry, word in 'n lugdroë houer geplaas, verseël en gemerk.

Hierdie prosedure moet 4 keer herhaal word op 20 verskillende plekke op die hoop, sodat 'n totaal van 5 monsters in triplikaat verkry word.

(5) Die monster word dan behandel soos voorgeskryf by subartikel (2) van artikel vyftien van die Wet.

(6) Die sertifikaat soos vereis by subartikel (2) van artikel vyftien van die Wet, wat een deel van die monster na die ontleder vergesel, moet in die vorm wees wat in die Vierde Bylae hiervan voorgeskryf word.

BEOORDELING VAN KWALITEIT.

20. (1) *Verpakkings van 5 lb. en meer elk.*—Vir die doel om die kwaliteit van 'n lot te beoordeel, bestaande uit verpakkings van 5 lb. en meer, word die gemiddelde ontleding van die vyf monsters geag die gemiddelde van die 25 houers oorspronklik geneem, te wees. Indien van minder as 25 houers monsters geneem word, moet een monster uit elke afsonderlike houer ontleed word en die gemiddelde van die ontledings aldus verkry word geag die gemiddelde vir al die houers te wees.

'n Aanneemlike kwaliteit van enkelvoudige misstowwe (superfosfaat, dubbelsuperfosfaat, rufosfaat, super-rumengsel, slakmeel, behandelde fosfaat, kalksteen-ammoniumnitraat, ammoniumsulfaat, ammoniumnitraat, ureum, kaliumchloried, kaliumsulfaat, potas-magnesia, ens.) moet sodanig wees dat die gemiddelde ontleding van die vyf monsters gelyk aan of groter is as 96 persent van die gewaarborgde ontleding.

In die geval van mengse's en saamgestelde misstowwe met twee of meer plantvoedselbestanddele sowel as alle groep 2-misstowwe moet die aanneemlike kwaliteit sodanig wees dat die gemiddelde van die vyf monsters ontleed gelyk aan of groter is as 93 persent van die gewaarborgde ontleding van elke afsonderlike bestanddeel.

(2) *Packings of less than 5 lb. each.*—Where packings of less than 5 lb. are analysed, acceptable quality shall be such that the analysis of a single sample is equal to or greater than 90 per cent of the guaranteed analysis in respect of each and every component in such a fertilizer.

(3) *Unpacked.*—For the purpose of assessing the quality of a heap (unpacked), the average of the analysis obtained for the five samples shall be deemed to be the average of the heap.

Acceptable quality shall be such that the average of the five samples shall be equal to or greater than 93 per cent of the guaranteed analysis of each and every component.

OFFENCES AND PENALTIES.

21. Any person who contravenes, or fails to comply with any provision or requirement of these regulations shall be guilty of an offence and liable on conviction to a fine not exceeding two hundred rand or imprisonment for a period not exceeding six months, or to both such fine and such imprisonment.

22. The regulations promulgated by Government Notice No. 2099, dated the 21st October, 1955, as amended, are repealed as from the 1st January, 1964, when these regulations shall come into force.

FIRST ANNEXURE.

REGISTRATION FEES—FERTILIZERS.

	R
1. For original registration.....	4.00
2. For renewal of an existing registration if application for renewal is lodged—	
(a) on or before 30th June every year.....	0.50
(b) subsequent to the aforesaid date of expiry.....	4.00

SECOND ANNEXURE.

FERTILIZERS, FARM SEEDS AND REMEDIES ACT, 1947. (To be rendered in triplicate.)

FERTILIZERS.

GROUP 1.

PART I.

APPLICATION FOR THE REGISTRATION OF A GROUP 1 FERTILIZER.

1. Name and address of applicant.....
2. Whether applicant is responsible for the importation, manufacture, production or sale of fertilizer.....
3. Name under which fertilizer is to be sold.....
4. Brand of fertilizer.....
5. Analysis—

Nitrogen.....	per cent.
*Phosphorus soluble in water.....	per cent.
Phosphorus soluble in 2 per cent citric acid solution.....	per cent.
Total phosphorus.....	per cent.
Potassium soluble in water.....	per cent.
Potassium soluble in 2 per cent citric acid solution.....	per cent.
Total potassium.....	per cent.
†Lime (Ca).....	per cent.
‡Sesquioxides of iron and aluminium...	per cent.

* To be completed only in the case of superphosphates.

† To be completed only in the case of bonemeal, bonedust, boneflour and natural phosphates.

‡ To be completed only in the case of natural phosphates.

6. Material or materials of which fertilizer is composed and proportions in which they are used (in the case of mixtures only).....

I do hereby apply for registration, in terms of Act No. 36 of 1947, of the fertilizer, particulars of which are given above, and I do hereby certify that these particulars are to the best of my knowledge true and correct.

Signature of Applicant.....
Date.....

NOTE.—Exact percentages as whole numbers and not merely a range of percentages must be inserted.

(2) *Verpakkings van minder as 5 lb. elk.*—Waar verpakings van minder as 5 lb. ontleed word, moet die aanneemlike kwaliteit sodanig wees dat die ontleding van 'n enkele monster gelyk aan of meer is as 90 persent van die gewaarborgde ontleding ten opsigte van elke afsonderlike bestanddeel van sodanige misstof.

(3) *Onverpak.*—Vir die doel om die kwaliteit van 'n hoop (onverpak) te beoordeel, word die gemiddelde ontleding van die vyf monsters geag die gemiddelde van die hoop te wees.

'n Aanneemlike kwaliteit moet sodanig wees dat die gemiddelde ontleding van die vyf monsters gelyk aan of groter is as 93 persent van die gewaarborgde ontleding van elke afsonderlike bestanddeel.

MISDRYWE EN STRAFBEPALINGS.

21. Elkeen wat 'n bepaling van hierdie regulasies oortree of in gebreke bly om aan 'n vereiste daarvan te voldoen, is skuldig aan 'n misdryf en is by skuldigbevinding strafbaar met 'n boete van hoogstens tweehonderd rand of met gevangenisstraf vir 'n tydperk van hoogstens ses maande, of met sowel sodanige boete as sodanige gevangenisstraf.

22. Die regulasies afgekondig by Goewermmentskennisgewing No. 2099 van 21 Oktober 1955, soos gewysig word met ingang van 1 Januarie 1964 herroep wanneer hierdie regulasies van krag sal word.

EERSTE BYLAE.

REGISTRASIEGELDE—MISSTOWWE.

	R
1. Vir oorspronklike registrasie.....	4.00
2. Vir hernuwing van 'n bestaande registrasie, indien aansoek om hernuwing ingedien word—	
(a) Voor of op 30 Junie elke jaar.....	0.50
(b) Na genoemde vervaldatum.....	4.00

TWEEDE BYLAE.

WET OP MISSTOWWE, VEEVOEDSEL EN MIDDELS, 1947 (Moet in triplo ingedien word.)

MISSTOWWE.

GROEP 1.

DEEL I.

AANSOEK OM DIE REGISTRASIE VAN 'N GROEP 1-MISSTOF

1. Naam en adres van applikant.....
2. Of applikant verantwoordelik is vir die invoer, vervaardiging, produksie of verkoop van die misstof.....
3. Naam waaronder misstof verkoop gaan word.....
4. Handelsmerk van misstof.....
5. Ontleding—

Stikstof.....	persent.
*Fosfor oplosbaar in water.....	persent.
Fosfor oplosbaar in 'n tweepersent-sitroensuuroplossing.....	persent.
Totale fosfor.....	persent.
Kalium oplosbaar in water.....	persent.
Kalium oplosbaar in 'n tweepersent-sitroensuuroplossing.....	persent.
†Kalk (Ca).....	persent.
‡Seskwioksied van yster en aluminium...	persent.

* Moet slegs in die geval van superfosfate ingevul word.

† Moet slegs in die geval van beenmeel, beenstof, fynbeenmeel en natuurlike fosfate ingevul word.

‡ Moet slegs in die geval van natuurlike fosfate ingevul word.

6. Stof of stowwe waaruit misstof saamgestel is en verhouding waarin hulle gebruik word (slegs in die geval van mengsels).....

Hierby doen ek aansoek om die registrasie, ooreenkomstig Wet No. 36 van 1947, van die misstof waarvan besonderhede hierbo aangegee is, en sertifiseer ek dat die besonderhede na my beste wete waar en juis is.

Datum.....
Handtekening van applikant.....

OPMERKING.—Presiese persentasies as heel getalle en nie net persentasiebestekke nie moet ingevul word.

PART II.
(For official use only.)

CERTIFICATE OF REGISTRATION.

I do hereby certify that the fertilizer referred to in Part I has been registered as a _____ group I fertilizer.
The registration expires on _____ and is subject to the following conditions _____

Date _____ Registering Officer.

THIRD ANNEXURE.

FERTILIZERS, FARM FEEDS AND REMEDIES ACT, 1947.
(To be rendered in triplicate.)

GROUP 2 FERTILIZERS.

PART I.

APPLICATION FOR THE REGISTRATION OF A GROUP 2 FERTILIZER.

1. Name and address of applicant.
2. Whether applicant is responsible for importation, manufacture, production or sale of fertilizer.
3. Name under which fertilizer is to be sold.
4. Brand (if any) of fertilizer.
5. What is the nature and chemical composition of fertilizer.
6. What directions for use are given and what claims are made in connection with fertilizer.
7. State weight per cubic yard.

I do hereby apply for the registration in terms of Act No. 36 of 1947, of the fertilizer, particulars of which are given above, and I do hereby certify that these particulars are to the best of my knowledge true and correct.

Date _____ Signature of Applicant.

PART II.
(For official use only.)

CERTIFICATE OF REGISTRATION.

I do hereby certify that the fertilizer referred to in Part I has been registered as a group 2 fertilizer.
The registration expires on _____ and is subject to the following conditions _____

Date _____ Registering Officer.

FOURTH ANNEXURE.

CERTIFICATE OF INSPECTOR OR OFFICER TAKING SAMPLE OF FERTILIZER.

(In terms of section fifteen (2) of Fertilizers, Farm Feeds and Remedies Act, 1947).

I do hereby certify that the accompanying is a sample of _____ taken by me on _____ at _____ (specify full address) from stock in charge of _____ in the presence of _____ (state name and address of witness).

The following further particulars are given in connection with the sample:—

1. Name and brand of article.
2. Marks or number on sample.
3. Information given on container from which sample was taken.
4. Approximate quantity represented by sample.
5. Name and address of seller.
6. Condition of container from which sample was taken (i.e. whether opened or damaged).
7. Other particulars.

Signature of Witness. _____ Inspector or Officer.

Place _____
Date _____

NOTE.—A copy of this certificate shall be handed or forwarded to the owner or seller of the article or to his agent. A third copy shall be retained by the inspector or officer.

DEEL II.
(Slegs vir amptelike gebruik.)

REGISTRASIESERTIFIKAAT.

Hierby sertifiseer ek dat die misstof genoem in Deel I as 'n groep 1-misstof geregistreer is.
Die registrasie verval op _____ en is onderworpe aan die volgende voorwaardes _____

Datum _____ Registrasiebeampte.

DERDE BYLAE.

WET OP MISSTOWWE, VEEVOEDSEL EN MIDDELS, 1947.
(Moet in triplo ingedien word.)

GROEP 2. MISSTOWWE.

DEEL I.

AANSOEK OM DIE REGISTRASIE VAN 'N GROEP 2-MISSTOF.

1. Naam en adres van applikant.
2. Of applikant verantwoordelik is vir die invoer, vervaardiging, produksie of verkoop van die misstof.
3. Naam waaronder misstof verkoop gaan word.
4. Handelsmerk (indien daar is) van misstof.
5. Wat is aard en chemiese samestelling van misstof.
6. Watter gebruiksaanwysings word gegee en watter aansprake word in verband met misstof.
7. Meld gewig per kubieke jaart.

Hierby doen ek aansoek om die registrasie, ooreenkomstig Wet No. 36 van 1947, van die misstof waarvan besonderhede hierbo aan-gegee is, en sertifiseer ek dat die besonderhede na my beste wete waar en juis is.

Datum _____ Handtekening van applikant.

DEEL II.
(Slegs vir amptelike gebruik.)

REGISTRASIESERTIFIKAAT.

Hierby sertifiseer ek dat die misstof genoem in Deel I, as 'n groep 2-misstof geregistreer is.
Die registrasie verval op _____ en is onderworpe aan die volgende voorwaardes _____

Datum _____ Registrasiebeampte.

VIERDE BYLAE.

SERTIFIKAAT VAN INSPEKTEUR OF BEAMPTE WAT MONSTER VAN MISSTOF NEEM.

[Ooreenkomstig artikel vyftien (2) van die Wet op Misstowwe, Veevoedsel en Middels, 1947.]

Hierby sertifiseer ek dat die bygaande 'n monster is van _____ wat ek geneem het op _____ te _____ (gee-volle adres) van voorrade onder toesig van _____ in die teenwoordigheid van _____ (gee naam en adres van getuie).

Die volgende verdere besonderhede word in verband met die monster gegee:—

1. Naam en handelsmerk van artikel.
2. Merke of nommer aan monster.
3. Inligting gegee op houer waaruit monster geneem is.
4. Benaderde hoeveelheid deur monster verteenwoordig.
5. Naam en adres van verkoper.
6. Toestand van houer waaruit monster geneem is (d.i. of dit oop of beskadig was).
7. Ander besonderhede.

Handtekening van getuie. _____ Inspekteur of beampte.

Plek _____
Datum _____

OPMERKING.—'n Afskrif van hierdie sertifikaat moet aan die eienaar of verkoper van die artikel of sy agent oorhandig of gestuur word. Derde afskrif word deur die inspekteur of beampte gehou.

FIFTH ANNEXURE.

CERTIFICATE OF RESULT OF ANALYSIS OR TEST OF
SAMPLE OF FERTILIZER BY ANALYST.

[In terms of section fifteen (3) of Fertilizers, Farm Foods and Remedies Act, 1947.]

I (full name) _____ of _____ a duly appointed analyst, in terms of section fourteen of the Fertilizers, Farm Foods and Remedies Act, 1947, do hereby make oath and state:—

- (1) that on _____ I received a sample of* _____ from† _____ for analysis and/or test;
- (2) that the sample was labelled, sealed and marked‡ _____
- (3) that I have analysed and/or tested the said sample, and as result of the analysis and/or test I find it to be constituted as follows:—
- | | |
|---|-----------|
| Nitrogen..... | per cent. |
| Phosphorus— | |
| (a) soluble in water..... | per cent. |
| (b) soluble in a 2 per cent citric acid solution..... | per cent. |
| (c) total..... | per cent. |
| Potassium— | |
| (a) soluble in water..... | per cent. |
| (b) soluble in a 2 per cent citric acid..... | per cent. |
| (c) total..... | per cent. |
| Sesquioxides or iron and aluminium..... | per cent. |
| Lime (Ca)..... | per cent. |

Fineness.....

OBSERVATIONS.....

Signature of Analyst.

* State name of article as specified on label.

† Insert name of person supplying the sample, and state whether "by hand", "by post" or "by rail".

‡ Insert distinguishing mark or number of sample.

Sworn to before me at _____ day of _____

this _____ day of _____

The deponent acknowledges that he understands the contents of this document.

Justice of the Peace or Commissioner of Oaths.

SIXTH ANNEXURE.

(To be rendered in triplicate.)

The Registering Officer of Fertilizers,
Department of Agriculture,
Private Bag 116,
Pretoria.

Dear Sir,

APPLICATION FOR RENEWAL OF REGISTRATION OF
FERTILIZERS: ACT No. 36 of 1947.

Application is hereby made for the renewal of registration of the under-mentioned fertilizers for the period 1st July, 19____, to the 30th June, 19____.

Registration Number.	Name of Fertilizer.	Brand.	Fee.
			R
	Total.....	R	

VYFDE BYLAE.

SERTIFIKAAT VAN RESULTAAT VAN ONTLEDING OF
TOETS VAN MONSTER VAN MISSTOF DEUR ONTLEDER.

[Ooreenkomstig artikel vyftien (3) van die Wet op Misstowwe, Veevoedsel en Middels, 1947.]

Ek (volle naam) _____ van _____ 'n behoorlik aangestelde ontleder, ooreenkomstig artikel veertien van die Wet op Misstowwe, Veevoedsel en Middels, 1947, verklaar hierby onder eed:—

- (1) dat ek op _____ 'n monster van* _____ van† _____ vir ontleding en/of toets ontvang het;
- (2) dat die monster geëtiketteer, verseël en gemerk was‡ _____
- (3) dat ek die monster ontleed en/of getoets het en as gevolg van die ontleding en/of toets gevind het dat dit soos volg saamgestel is:—
- | | |
|---|----------|
| Stikstof..... | persent. |
| Fosfor— | |
| (a) oplosbaar in water..... | persent. |
| (b) oplosbaar in 'n tweepersent-sitroensuuroplossing..... | persent. |
| (c) totaal..... | persent. |
| Kalsium— | |
| (a) oplosbaar in water..... | persent. |
| (b) oplosbaar in 'n tweepersent-sitroensuuroplossing..... | persent. |
| (c) totaal..... | persent. |
| Seskwioksied van yster en aluminium..... | persent. |
| Kalk (Ca)..... | persent. |
| Fynheid..... | |

OPMERKINGS.....

Handtekening van Ontleder.

* Vul in naam van artikel soos op etiket aangedui.

† Vul in naam van persoon wat monster verskaf het, en meld of dit „per hand”, „per pos” of „per spoor” geskied het.

‡ Vul in onderskeidingsmerk of die nommer van die monster.

Beëdig voor my te _____ op hede die _____ dag van _____

Die deponent verklaar dat hy die inhoud van hierdie dokument begryp.

Vrederegter of Kommissaris van Ede.

SESDE BYLAE.

(Moet in triplo ingedien word.)

Die Registrasiebeampte van Misstowwe,
Departement van Landbou,
Privaatsak 116,
Pretoria.

Waarde heer,

AANSOEK OM HERNUWING VAN REGISTRASIE
VAN MISSTOWWE.—WET No. 36 van 1947.

Hierby word aansoek gedoen om die hernuwing van registrasie van ondergenoemde misstowwe vir die tydperk 1 Julie 19____ tot 30 Junie 19____.

Registrasie-nummer.	Naam van misstof.	Handelsmerk.	Gelde.
			R
	TOTAAL.....	R	

I, the undersigned, duly authorized representative of the applicant for renewal of registration, certify herewith that the compositions of the above-mentioned fertilizers remain unchanged and that the labels as approved by the Registering Officers shall be the same.

Yours faithfully,

Signature.

Name and address of applicant—

Dear Sir(s),

The fertilizers mentioned above are registered for the year ending

Yours faithfully,

Registering Officer of Fertilizers.

Date

Ek, die ondergetekende, die behoorlik gemagtigde verteenwoordiger van die applikant om hernuwing van registrasie, sertifiseer hierby dat die samestellings van die misstowwe hierbo genoem onveranderd bly en dat die etikette soos goedgekeur deur die Registrasiebeampte daarmee sal ooreenstem.

Die uwe,

Handtekening.

Naam en adres van applikant—

Geagte heer/here,

Die misstowwe hierbo genoem, is geregistreer vir die jaar eindigende

Die uwe,

Registrasiebeampte van Misstowwe.

Datum

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TELEGRAPH TARIFFS

INLAND TELEGRAMS — (South Africa, Basutoland, Swaziland and South West Africa):—

Ordinary:—	
For first 14 words or less.....	20c
For each additional word.....	2c

INTERTERRITORIAL TELEGRAMS—

Ordinary to—	
Federation of Rhodesia and Nyasaland:—	
For first 12 words or less.....	36c
For each additional word.....	3c
Mozambique:—	
For first 12 words or less.....	30c
For each additional word.....	2½c

TELEGRAAFTARIEWE

BINNELANDSE TELEGRAMME.—(Suid-Afrika, Basoetoland, Swaziland en Suidwes-Afrika):—

Gewone:—	
Vir eerste 14 woorde of minder.....	20c
Vir elke bykomende woord.....	2c

INTERTERRITORIALE TELEGRAMME:—

Gewone na:—	
Federasie van Rhodesië en Njassaland.—	
Vir eerste 12 woorde of minder.....	36c
Vir elke bykomende woord.....	3c
Mosambiek.—	
Vir eerste 12 woorde of minder.....	30c
Vir elke bykomende woord.....	2½c



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