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GOVERNMENT NOTICE

DEPARTMENT OF AGRICULTURAL TECHNICAL SERVICES

No. R. 799

20 May 1977

FERTILIZERS, FARM FEEDS, AGRICULTURAL REMEDIES AND STOCK REMEDIES ACT, 1947 (ACT 36 OF 1947).—REGULATIONS REGARDING FERTILIZERS

The Deputy Minister of Agriculture has, under the powers vested in him by section 23 of the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act 36 of 1947), made the following regulations:

Definitions

1. Words and phrases in these regulations shall have the meaning assigned thereto in the Act, and unless the context otherwise indicates—

(i) "chlorine-free" means a chlorine (Cl) contents of not more than 1,0 per cent; (i)

(ii) "Group 1 fertilizer" means a fertilizer which contains nitrogen, phosphorus or potassium as main plant nutrient, and which is registered as a fertilizer in terms of regulation 12, 13, 14, 15, 16, 17 or 19 (5) (a), as the case may be, and is sold under a name referred to in or approved in terms of the regulation concerned; (iv)

(iii) "Group 2 fertilizer" means a fertilizer which is not classified as a Group 1 fertilizer but which, in the opinion of the registering officer, contains sufficient quantities of plant nutrients, and which is registered as a fertilizer in terms of regulation 18 or 19 (1), (2), (3), (4) or (5) (b), as the case may be, and is sold under a name referred to in or approved in terms of the regulation concerned; (v)

(iv) "macro element" means any of the elements nitrogen (N), phosphorus (P), potassium (K), calcium (Ca), magnesium (Mg), silicon (Si) and sulphur (S); (vi)

(v) "micro element" means any of the elements iron (Fe), zinc (Zn), copper (Cu), molybdenum (Mo), manganese (Mn) and boron (B); (v)

(vi) "per cent" or "percentage" means the percentage by mass of a fertilizer as it is sold; (viii)

(vii) "plant nutrient" means a macro element or micro element which is present in a fertilizer; (ix)

GOEWERMENTSKENNISGEWING

DEPARTEMENT VAN LANDBOU-TEGNIJSE DIENSTE

No. R. 799

20 Mei 1977

WET OP MISSTOWWE, VEEVOEDSEL, LANDBOU-MIDDELS EN VEEMIDDELS, 1947 (WET 36 VAN 1947).—REGULASIES MET BETREKKING TOT MISSTOWWE

Die Adjunk-Minister van Landbou het, kragtens die bevoegdheid hom by artikel 23 van die Wet op Misstowwe, Veevoedsel, Landboumiddels en Veemiddels, 1947, (Wet 36 van 1947), verleen, die volgende regulasies uitgevaardig:

Woordomskrywings

1. Woorde en uitdrukkings in hierdie regulasies het dieselfde betekenis as deur die Wet daaraan toegeken en tensy uit die samehang anders blyk, beteken—

(i) "chloorvry" 'n chloorinhoud (Cl) van hoogstens 1,0 persent; (i)

(ii) "die Wet" die Wet op Misstowwe, Veevoedsel, Landboumiddels en Veemiddels, 1947 (Wet 36 van 1947); (x)

(iii) "geregistreerde naam" die naam waaronder 'n misstof of as 'n Groep 1-misstof of as 'n Groep 2-misstof geregistreer en verkoop word; (viii)

(iv) "Groep 1-misstof" 'n misstof wat stikstof, fosfor of kalium as hoof plantvoedingstof bevat en wat ingevolge regulasie 12, 13, 14, 15, 16, 17 of 19 (5) (a), na gelang van die geval, as 'n misstof geregistreer is en onder 'n naam vermeld in of goedgekeur ingevolge die betrokke regulasie verkoop word; (ii)

(v) "Groep 2-misstof" 'n misstof wat nie as 'n Groep 1-misstof geklassifiseer is nie, maar wat volgens die oordeel van die registrasie-beampte voldoende hoeveelhede plantvoedingstowwe bevat en wat ingevolge regulasie 18 of 19 (1), (2), (3), (4) of (5) (b), na gelang van die geval, as 'n misstof geregistreer en onder 'n naam vermeld in of goedgekeur ingevolge die betrokke regulasie verkoop word; (iii)

(vi) "makro-element" enige van die elemente stikstof (N), fosfor (P), kalium (K), kalsium (Ca), magnesium (Mg), silikon (Si) en swawel (S); (iv)

(vii) "mikro-element" enige van die elemente yster (Fe), sink (Zn), koper (Cu), Molibdeen (Mo), mangaan (Mn) en boor (B); (v)

(viii) "registered name" means the name under which a fertilizer is registered and sold as either a Group 1 fertilizer or a Group 2 fertilizer; (iii)

(ix) "standard sieve" means a wire mesh sieve with apparatuses as indicated in these regulations and which complies to the following specifications:

- (1) Nominal diameter 200 mm;
- (2) effective diameter 185 mm;
- (3) depth 50 mm;
- (4) the type of weave shall be plain in which each wire passes alternatively over and under consecutive wires; and

(5) the wires shall be phosphor bronze, brass or steel with the following diameters:

- (a) 0,80 mm for a 1,7 mm sieve;
- (b) 0,316 mm for a 500 micron sieve;
- (c) 0,160 mm for a 250 micron sieve; and
- (d) 0,100 mm for a 150 micron sieve.

(x) "the Act" means the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act 36 of 1947). (ii)

Application for registration

2. (1) An application for the registration of a fertilizer shall be made to the registering officer by a person who is resident in the Republic or, in the case of a juristic person, who has a registered office in the Republic, and such application shall—

- (a) in the case of a Group 1 fertilizer, be submitted in the form in Schedule A hereto; and
- (b) in the case of a Group 2 fertilizer, be submitted in the form in Schedule B hereto.

(2) Such application shall be accompanied by—

- (a) the registration fee of R20 which has been determined in consultation with the Minister of Finance; and
- (b) three copies of a typed version of the proposed label to be affixed to containers of the fertilizer concerned or of the particulars to be marked on such containers, which shall comply with the requirements referred to in regulation 10.

(3) When considering an application for the registration of a fertilizer, the registering officer may request the applicant concerned to furnish him with—

- (a) the additional information regarding such fertilizer; and
- (b) the samples of such fertilizer,

which he may require to enable him to determine whether such fertilizer is suitable and sufficiently effective for the purpose for which registration is required.

(4) The registering officer shall not register a fertilizer containing any constituent of such nature or in such quantity that it will cause an interaction leading to the partial or complete loss of one or more of the plant nutrients in that fertilizer, or will detrimentally influence the effectiveness of that fertilizer.

(5) The registration of a fertilizer in terms of the regulation repealed by regulation 28, if in force at the commencement of these regulations—

- (a) shall be deemed to be the registration of that fertilizer under these regulations; and

- (b) shall, subject to the prior cancellation thereof under the Act, remain in force under these regulations up to and until 30 June 1980, and the provision of regulation 3 (2) shall *mutatis mutandis* apply to the further registration of such a fertilizer after the said date.

Period of registration

3. (1) The registration of a fertilizer shall, subject to the earlier cancellation thereof under the Act, be valid from the date of registration thereof up to and until 30 June 1980, and a registration which is made after the said

(viii) "persent" of "persentasie" die persentasie volgens massa van 'n misstof soos dit verkoop word; (vi)

(ix) "plantvoedingstof" 'n makro-element of 'n mikro-element wat in 'n misstof aanwesig is; (vii)

(x) "standaardsif" 'n draadmaassif met openinge soos in hierdie regulasies aangedui en wat aan die volgende spesifikasies voldoen:

- (1) Nominale diameter, 200 mm;
- (2) effektiewe diameter, 185 mm;
- (3) diepte, 50 mm;
- (4) die tipe binding sal glad wees waar elke ketting draad om die beurt oor en onder opvolgende drade vleg; en

(5) die drade moet van fosforbrons, geelkoper of staal met die volgende diameter wees:

- (a) 0,80 mm vir 'n 1,7 mm sif;
- (b) 0,316 mm vir 'n 500 micron sif;
- (c) 0,160 mm vir 'n 250 micron sif; en
- (d) 0,100 mm vir 'n 150 micron sif.

Aansoek om registrasie

2. (1) 'n Aansoek om die registrasie van 'n misstof moet by die registrasiebeampte gedoen word deur iemand wat in die Republiek woonagtig is of, in die geval van 'n regspersoon, wat 'n geregistreerde kantoor in die Republiek het, en so 'n aansoek moet—

- (a) in die geval van 'n Groep 1-misstof, in die vorm in Bylae A hierby ingedien word; en
- (b) in die geval van 'n Groep 2-misstof, in die vorm in Bylae B hierby ingedien word.

(2) So 'n aansoek moet vergesel wees van—

- (a) die registrasiegeld van R20 wat in oorleg met die Minister van Finansies bepaal is; en
- (b) drie afskrifte van 'n getikte weergawe van die voorgestelde etiket wat aan houters van die betrokke misstof geheg sal word of van die besonderhede wat op sodanige houters gemerk sal word, wat aan die vereistes in regulasie 10 vermeld, voldoen.

(3) Wanneer 'n aansoek om die registrasie van 'n misstof oorweeg word, kan die registrasiebeampte die betrokke applikant versoek om hom te voorsien van—

- (a) die bykomende inligting aangaande so 'n misstof; en
- (b) die monsters van so 'n misstof,

wat hy nodig het ten einde hom in staat te stel om te bepaal of so 'n misstof geskik en doeltreffend genoeg is vir die doel waarvoor registrasie verlang word.

(4) Die registrasiebeampte registreer nie 'n misstof wat enige bestanddeel van so 'n aard of in so 'n hoeveelheid bevat dat dit 'n wisselwerking kan veroorsaak wat die gedeeltelik of algehele verlies van een of meer van die plantvoedingstowwe in daardie misstof tot gevolg kan hê nie, of wat die doeltreffendheid van daardie misstof nadelig beïnvloed nie.

(5) Die registrasie van 'n misstof ingevolge die regulasies wat by regulasie 28 herroep word, indien van krag by die inwerkingtrede van hierdie regulasies—

- (a) word geag die registrasie van daardie misstof ingevolge hierdie regulasies te wees; en

- (b) bly, behoudens die vroeëre intrekking daarvan kragtens die Wet, kragtens hierdie regulasies van krag tot en met 30 Junie 1980 en die bepalings van regulasie 3 (2) is *mutatis mutandis* van toepassing op die verdere registrasie van so 'n misstof na vermelde datum.

Tydperk van registrasie

3. (1) Die registrasie van 'n misstof is, behoudens die vroeëre intrekking daarvan kragtens die Wet, geldig vanaf die datum van registrasie daarvan tot en met 30 Junie 1980 en 'n registrasie wat na vermelde datum gemaak word, is

date, shall likewise be valid from the date of such registration up to and until the fourth anniversary of 30 June 1980, or the multiple of such fourth anniversary first following the date of such registration.

(2) If the further registration of a fertilizer is required after the expiry date of the current registration thereof, an application for such further registration shall be submitted in the manner contemplated in regulation 2 at least three months prior to such expiry date.

Transfer and lapsing of registration

4. (1) The registration of a fertilizer shall not in any manner or respect be transferable.

(2) if—

(a) any amendment occurs in the registered brand or name of a fertilizer or in respect of any of the other registered particulars thereof; or

(b) a person in whose favour a fertilizer is registered, transfers his rights in such fertilizer to any other person, a fresh application for the registration of the fertilizer concerned under such amended brand or name or other particulars, or in favour of such other person, shall be submitted in the manner contemplated in regulation 2, and the fact that such fertilizer was registered previously, shall not necessarily imply that it will again be acceptable for registration.

Return of certificate of registration

5. The certificate issued in respect of the registration of a fertilizer shall be returned to the registering officer by the person in whose favour such fertilizer has been registered, within 14 days after—

(a) the date on which the registering officer has notified such person in writing that the registration concerned has been cancelled under section 4 of the Act; or

(b) any amendment or transfer of rights referred to in regulation 4 (2) has occurred.

Appeal to Minister

6. An appeal to the Minister under section 6 of the Act—

(a) shall be contained in writing;

(b) shall be submitted to the Secretary within 56 days after the date on which the registering officer—

(i) has given written notice of his decision; or

(ii) has supplied the reasons for his decision in writing,

whichever date may be the last; and

(c) shall state full particulars of the grounds on which such appeal is based, and such particulars shall as far as possible be substantiated by documentary evidence.

Import of fertilizers

7. (1) No person shall import any fertilizer into the Republic unless such fertilizer is registered in terms of these regulations, complies with the requirements determined in respect thereof and is packed in sealed containers which are labelled and marked with the particulars specified in respect thereof.

(2) Notwithstanding the provisions of subregulation (1) the registering officer may, in his discretion and on such conditions as he may in each case determine, in writing permit the import of any consignment of any fertilizer which does not comply with the requirements referred to in that subregulation.

Rendering of returns

8. (1) Each person in whose favour a fertilizer is registered, shall on or before 1 March of each year, render a written return regarding such fertilizer to the registering officer, in which is indicated—

(a) the name of such person;

(b) the registered name of such fertilizer;

insgelyks geldig vanaf die datum van sodanige registrasie tot en met die vierde jaardag van 30 Junie 1980 of die veelvoud van sodanige vierde jaardag eersvolgende op die datum van sodanige registrasie.

(2) Indien die verdere registrasie van 'n misstof na die vervaldatum van die lopende registrasie daarvan verlang word, moet 'n aansoek vir sodanige verdere registrasie minstens drie maande voor sodanige vervaldatum op die wyse in regulasie 2 vermeld, ingedien word.

Oordrag en verval van registrasie

4. (1) Die registrasie van 'n misstof is nie in enige wyse of opsig oordraagbaar nie.

(2) Indien—

(a) 'n wysiging in die geregisteerde kenmerk of naam van 'n misstof of ten opsigte van enige van die ander geregisteerde besonderhede daarvan plaasvind; of

(b) iemand ten gunste van wie 'n misstof geregisteer is, sy regte in sodanige misstof aan 'n ander persoon oordra,

moet 'n nuwe aansoek om die registrasie van die betrokke misstof onder so 'n gewysigde kenmerk of naam of ander besonderhede, of ten gunste van sodanige ander persoon, op die wyse in regulasie 2 beoog, ingedien word, en die feit dat sodanige misstof voorheen geregisteer was impliseer nie noodwendig dat dit weer vir registrasie aanvaarbaar sal wees nie.

Terugbesorging van sertifikaat van registrasie

5. Die sertifikaat wat uitgereik is ten opsigte van die registrasie van 'n misstof moet deur die persoon ten gunste van wie so 'n misstof geregisteer is, aan die registrasie-beampte terugbesorg word binne 14 dae na—

(a) die datum waarop die registrasie-beampte sodanige persoon skriftelik in kennis gestel het dat die betrokke registrasie kragtens artikel 4 van die Wet ingetrek is; of

(b) 'n wysiging of oordrag van regte in regulasie 4 (2) vermeld, plaasgevind het.

Appel na Minister

6. 'n Appel na die Minister ingevolge artikel 6 van die Wet—

(a) moet skriftelik gedoen word;

(b) moet aan die Sekretaris voorgelê word binne 56 dae na die datum waarop die registrasie-beampte—

(i) skriftelik kennis gegee het van sy beslissing; of

(ii) skriftelik die redes vir sy beslissing verskaf het; watter datum ookal die laaste mag wees; en

(c) moet volledige besonderhede verstrek van die gronde waarop so 'n appel gebaseer is, en sodanige besonderhede moet sover moontlik gestaaf word deur dokumentêre bewyse.

Invoer van misstowwe

7. (1) Niemand mag 'n misstof in die Republiek invoer nie tensy so 'n misstof ingevolge hierdie regulasies geregisteer is, aan die vereistes wat ten opsigte daarvan bepaal is, voldoen en in verseelde houters verpak is wat geëtiketteer of gemerk is met die besonderhede wat ten opsigte daarvan gespesifiseer is.

(2) Ondanks die bepalings van subregulasie (1) kan die registrasie-beampte na goeddunke en op die voorwaardes wat hy in elke geval bepaal, skriftelik die invoer van enige besending van 'n misstof toelaat wat nie aan die vereistes in daardie regulasie vermeld, voldoen nie.

Verstreking van opgawes

8. (1) Elke persoon ten gunste van wie 'n misstof geregisteer is, moet voor of op 1 Maart van elke jaar 'n skriftelike opgawe betreffende sodanige misstof aan die registrasie-beampte verstrek waarin aangedui word—

(a) die naam van so 'n persoon;

(b) die geregisteerde naam van so 'n misstof;

(c) the registration number of such fertilizer;

(d) the actual mass, expressed in metric tonnes, of such fertilizer which was sold during the year which ended on the preceding 31 December; and

(e) in the case of a Group 1 fertilizer, the actual mass, expressed in metric tonnes, of the plant nutrients nitrogen, phosphorus and potassium present in the fertilizer thus sold.

(2) Notwithstanding the provisions of subregulation (1) such person shall, when the registering officer requests so in writing, furnish the further particulars of such fertilizer which the registering officer requires for the efficient carrying out of the objectives and purposes of the Act.

Containers in which fertilizers are sold

9. (1) A fertilizer shall, subject to the provisions of the Weights and Measures Act, 1958 (Act 13 of 1958), only be sold in containers which are sealed in such manner as the nature of such fertilizer and the containers thereof permit, and such containers shall be labelled or marked in accordance with the provisions of regulation 10.

(2) Notwithstanding the provisions of subregulation (1) a fertilizer may be sold otherwise than in containers if—

(a) it corresponds in all respects with the same product which may be sold in a container; and

(b) the requirements of regulation 11 are complied with at such sale.

Labelling and marking of containers

10. (1) The following particulars regarding a fertilizer shall be indicated on a label affixed to a container of such fertilizer, or be marked on such container, and such particulars shall appear in the sequence stated hereunder, namely:

(a) The brand (if any) under which such fertilizer is registered;

(b) the registered name of such fertilizer;

(c) the registered plant nutrient present in such fertilizer, expressed in the form and manner contemplated in subregulation (2);

(d) the words "Fertilizer Group 1" or "Misstof Groep 1", or the words "Fertilizer Group 2" or "Misstof Groep 2", as the case may be, and which is in accordance with the registration of the fertilizer concerned: Provided that the words "Group" and "Groep" above, may be substituted by the abbreviation "Grp";

(e) the registration number of such fertilizer together with a reference to the Act, expressed as "Reg. No. Act 36/1947" or "Reg. No. Wet 36/1947";

(f) subject to the provisions of the Weights and Measures Act, 1958 (Act 13 of 1958), the mass in the case of a solid and the volume in the case of a liquid, of such fertilizer at the time of packing thereof; and

(g) the name and address of the person in whose favour such fertilizer is registered.

(2) The particulars referred to in subregulation (1) (c) shall be those which, in terms of regulation 12, 13, 14, 15, 16, 17, 18 or 19, as the case may be, are required or approved to be indicated, and—

(a) the registered contents of a plant nutrient in a fertilizer shall be indicated as a percentage, expressed to the first decimal;

(b) such percentage shall be followed by the element symbol for the plant nutrient concerned;

(c) die registrasienommer van so 'n misstof;

(d) die werklike massa, uitgedruk in metrieke tonne, van sodanige misstof wat gedurende die jaar geëindig op die voorafgaande 31 Desember verkoop is; en

(e) in die geval van 'n Groep 1-misstof, die werklike massa, uitgedruk in metrieke tonne, van die plantvoedingstowwe stikstof, fosfor en kalium wat in die misstof aldus verkoop, aanwesig was.

(2) Ondanks die bepalings van subregulasie (1), moet so 'n persoon, wanneer die registrasiebeampte skriftelik so versoek, die verdere besonderhede van so 'n misstof verstrek wat die registrasiebeampte nodig het vir die doeltreffende uitvoer van die doelstellings en oogmerke van die Wet.

Houers waarin misstowwe verkoop word

9. (1) 'n Misstof word behoudens die bepalings van die Wet op Mate en Gewigte, 1958 (Wet 13 van 1958), slegs verkoop in houers wat verseël is op 'n wyse deur die aard van die misstof en die houers daarvan toegelaat, en sodanige houers moet ooreenkomstig die bepalings van regulasie 10 geëtiketteer of gemerk wees.

(2) Ondanks die bepalings van subregulasie (1) kan 'n misstof anders as in houers verkoop word indien—

(a) dit in alle opsigte ooreenstem met dieselfde produk wat in 'n houer verkoop kan word; en

(b) aan die vereistes van regulasie 11 by sodanige verkoop voldoen word.

Etikettering en merk van houers

10. (1) Die volgende besonderhede met betrekking tot 'n misstof moet op 'n etiket wat aan 'n houer van so 'n misstof geheg is, aangedui of op so 'n houer gemerk word, en sodanige besonderhede moet in die volgorde hieronder uiteengesit, verskyn, naamlik—

(a) die kenmerk (indien enige) waaronder so 'n misstof geregistreer is;

(b) die geregistreeerde naam van so 'n misstof;

(c) die geregistreeerde plantvoedingstof wat in so 'n misstof aanwesig is, uitgedruk in die vorm en op die wyse in subregulasie (2) beoog;

(d) die woorde "Misstof Groep 1" of "Fertilizer Group 1" of die woorde "Misstof Groep 2" of "Fertilizer Group 2", na gelang van die geval, en wat in ooreenstemming is met die registrasie van die betrokke misstof: Met dien verstande dat die woorde "Groep" en "Group" hierbo deur die afkorting "Grp" vervang kan word.

(e) die registrasienommer van so 'n misstof tesame met 'n verwysing na die Wet, uitgedruk as "Reg. No. Wet 36/1947" of "Reg. No. Act 36/1947";

(f) behoudens die bepalings van die Wet op Mate en Gewigte, 1958 (Wet 13 van 1958), die massa in die geval van 'n vaste stof en die volume in die geval van 'n vloeistof, van so 'n misstof ten tye van die verpakking daarvan; en

(g) die naam en adres van die persoon ten gunste van wie so 'n misstof geregistreer is.

(2) Die besonderhede in subregulasie (1) (c) vermeld, is dié wat ingevolge regulasie 12, 13, 14, 15, 16, 17, 18 of 19, na gelang van die geval, vereis of goedgekeur is om aangedui te word, en—

(a) die geregistreeerde inhoud van 'n plantvoedingstof in 'n misstof moet as 'n persentasie, uitgedruk tot die eerste desimaal, aangedui word;

(b) so 'n persentasie moet deur die elementsimbool vir die betrokke plantvoedingstof gevolg word;

(c) if more than one plant nutrient is required to be indicated, the particulars referred to in paragraphs (a) and (b) in respect of each such plant nutrient shall be indicated in the sequence required or approved and be separated by hyphens;

(d) if the water soluble contents of a plant nutrient is required to be indicated, the element symbol for that plant nutrient shall be followed by the expression "water soluble" or "wateroplosbaar", or the abbreviation "WS" or "WO" therefor, which shall be indicated in brackets;

(e) if the contents of a plant nutrient which is soluble in a 2 per cent citric acid solution is required to be indicated, the element symbol for that plant nutrient shall be followed by the expression "citric acid soluble" or "sitroensuuroplosbaar", or the abbreviation "CS" or "SO" therefor, which shall be indicated in brackets; and

(f) if the total contents of a plant nutrient is required to be indicated, the element symbol for that plant nutrient shall be followed by the expression "Tot.", which shall be indicated in brackets.

(3) All the particulars referred to in subregulations (1) and (2) shall be indicated on one label which is affixed to one side of a container of the fertilizer concerned, or be marked on one side of such container, and such particulars shall—

(a) in the case of a container containing not less than 50 kg thereof, be in symbols, letters and numbers of not less than 12 mm high, except in the case of a jute container, where such symbols, letters and numbers shall be at least 25 mm high; or

(b) in the case of a container containing less than 50 kg thereof, be in symbols, letters and numbers which are clearly legible.

(4) Directions for use in respect of a fertilizer shall only appear on a label affixed to a container of such fertilizer, or be marked on such container, if—

(a) such fertilizer is registered to be applied by means of spraying;

(b) such fertilizer is in liquid form;

(c) such fertilizer is also registered under the Act, as a farm feed, agricultural remedy or stock remedy;

(d) it is a fertilizer in respect of which the furnishing of directions for use has been authorised in terms of regulation 12 (3), 13 (4), 17 (9) or (10); or

(e) in the case of a fertilizer registered in terms of regulation 19 (5) (b) (i), the registering officer has approved the furnishing of directions for use in respect thereof.

(5) The directions for use referred to in subregulation (4)—

(a) shall be as approved by the registering officer; and

(b) shall not be indicated on a label referred to in subregulation (3), or be marked on the same side of a container as the particulars referred to in that subregulation.

(6) (a) No brands, names, designs, illustrations, indications or particulars—

(i) other than those referred to in subregulations (1), (2) and (4);

(ii) other than those which shall or may appear in terms of any other law; or

(iii) relating to the quality or uses of a fertilizer,

shall be indicated on any label affixed to a container of a fertilizer, or be marked on such container.

(c) indien meer as een plantvoedingstof aangedui moet word, moet die besonderhede in paragrawe (a) en (b) vermeld ten opsigte van elke sodanige plantvoedingstof in die volgorde vereis of goedgekeur, aangedui word, en deur koppeltekens van mekaar geskei word;

(d) indien die wateroplosbare inhoud van 'n plantvoedingstof aangedui moet word, moet die elementsimbool gevolg word deur die uitdrukking "wateroplosbaar" of "water soluble" of die afkorting "WO" of "WS" daarvoor, wat tussen hakies aangedui moet word;

(e) indien die inhoud van die plantvoedingstof wat in 'n 2 persent sitroensuuroplossing oplosbaar is, aangedui moet word, moet die elementsimbool gevolg word deur die uitdrukking "sitroensuuroplosbaar" of "citric acid soluble" of die afkorting "SO" of "CS" daarvoor, wat tussen hakies aangedui moet word; en

(f) indien die totale inhoud van 'n plantvoedingstof aangedui moet word, moet die elementsimbool gevolg word deur die uitdrukking "Tot.", wat tussen hakies aangedui moet word.

(3) Al die besonderhede in subregulasies (1) en (2) vermeld moet op een etiket wat aan eenkant van die houer van die betrokke misstof geheg is, aangedui word of op een kant van so 'n houer gemerk word, en sodanige besonderhede moet—

(a) in die geval van 'n houer wat minstens 50 kg daarvan bevat, in simbole, letters en syfers van minstens 12 mm hoog wees, behalwe in die geval van 'n jutehouer waar sodanige simbole, letters en syfers minstens 25 mm hoog moet wees; of

(b) in die geval van 'n houer wat minder as 50 kg daarvan bevat, in simbole, letters en syfers wees wat duidelik leesbaar is.

(4) Gebruiksaanwysings ten opsigte van 'n misstof mag slegs op 'n etiket wat aan die houer van so 'n misstof geheg is, verskyn of op so 'n houer gemerk word, indien—

(a) so 'n misstof geregistreer is om deur bespuiting toegedien te word;

(b) so 'n misstof in vloeibare vorm is;

(c) so 'n misstof ook kragtens die Wet as 'n veevoedsel, landboumiddel of veemiddel geregistreer is;

(d) dit 'n misstof is ten opsigte waarvan die verstreking van gebruiksaanwysings ingevolge regulasie 12 (3), 13 (4), 17 (9) of (10) gemagtig is; of

(e) in die geval van 'n misstof wat ingevolge regulasie 19 (5) (b) (i) geregistreer is, die registrateur die verstreking van gebruiksaanwysings ten opsigte daarvan goedgekeur het.

(5) Die gebruiksaanwysings in subregulasie (4) vermeld—

(a) moet wees soos deur die registrasiebeampte goedgekeur; en

(b) mag nie op 'n etiket in subregulasie (3) vermeld, aangedui word nie, of op dieselfde kant as die besonderhede in daardie subregulasie vermeld op 'n houer gemerk word nie.

(6) (a) Geen kenmerke, name, ontwerpe, illustrasies, aanduidings of besonderhede—

(i) anders as dié in subregulasies (1), (2) en (4) vermeld;

(ii) anders as die wat ingevolge 'n ander wetsbepaling moet of kan verskyn; of

(iii) wat met die kwaliteit of gebruike van 'n misstof verband hou,

mag op enige etiket wat aan 'n houer van 'n misstof geheg is, aangedui of op so 'n houer gemerk word nie.

(b) The provisions of paragraph (a) shall not apply with reference to particulars, approved by the registering officer, regarding the name of an agricultural remedy which is compatible with the fertilizer contained in such container, and of such compatibility.

Supplying of invoices

11. If a fertilizer is sold otherwise than in containers, an invoice setting forth the following particulars shall be supplied to the purchaser of that fertilizer, namely—

- (a) the name and address of the seller thereof;
- (b) the name and address of the purchaser concerned;
- (c) the date of such sale;
- (d) the brand (if any) under which that fertilizer is registered;
- (e) the registered name of that fertilizer;
- (f) the registered plant nutrients present in that fertilizer, expressed in the form and manner contemplated in regulation 10 (2);
- (g) whether it is a Group 1 fertilizer or a Group 2 fertilizer;
- (h) the registration number of that fertilizer;
- (i) the further particulars of that fertilizer which, in terms of regulation 12, 13, 14, 15, 16, 17, 18 or 19, are required or approved to be indicated on a label affixed to a container of such fertilizer, or be marked on such container; and
- (j) the nett mass or volume, as the case may be, of the fertilizer which is thus sold.

Requirements for nitrogenous fertilizers

12. (1) A fertilizer containing nitrogen as main plant nutrient shall only be registered and sold under a name indicated in column 1 of Table 1 hereto, if—

- (a) the nitrogen contents thereof is as specified in column 2 of the said Table opposite each such name; and
- (b) it complies with the further requirements specified in column 3 of the said Table opposite each such name.

(2) The particulars specified in column 4 of Table 1 hereto opposite the name of a fertilizer shall, in terms of regulation 10 (1) (c), be indicated in respect of that fertilizer.

(3) If the fertilizer limestone ammonium nitrate indicated in column 1 of Table 1 hereto, is sold in containers containing 25 kg or less thereof, directions for use in respect of that fertilizer may, subject to the provisions of regulations 10 (4) and (5), be furnished on such containers.

Requirements for phosphatic fertilizers

13. (1) A fertilizer containing phosphorus as main plant nutrient shall only be registered and sold under a name indicated in column 1 of Table 2 hereto if—

- (a) the phosphorus contents thereof is as respectively specified in columns 2, 3 and 4 of the said Table opposite each such name; and
- (b) it complies with the further requirements specified in column 5 of the said Table opposite each such name.

(2) The particulars specified in column 6 of Table 2 hereto opposite the name of a fertilizer, shall in terms of regulation 10 (1) (c), be indicated in respect of that fertilizer.

(3) In the case of—

(a) treated phosphate, the expression “granulated” or “powder” shall be indicated immediately following the name “treated phosphate” to indicate the form in which it is sold; and

(b) raw phosphate, the name of the place of origin thereof, as approved by the registering officer, shall be indicated immediately preceding and forming part of the name “raw phosphate”.

(b) Die bepalings van paragraaf (a) is nie van toepassing nie met betrekking tot besonderhede, deur die registrasiebeampte goedgekeur, betreffende die naam van 'n landboumiddel wat met die misstof wat in so 'n houer bevat is, verenigbaar is en van sodanige verenigbaarheid.

Verskaffing van fakture

11. Indien 'n misstof anders as in houters verkoop word, moet 'n faktuur met die volgende besonderhede aan die koper van daardie misstof voorsien word, naamlik—

- (a) die naam en adres van die verkoper daarvan;
- (b) die naam en adres van die betrokke koper;
- (c) die datum van sodanige verkoop;
- (d) die kenmerk (indien enige) waaronder daardie misstof geregistreer is;
- (e) die geregistreerde naam van daardie misstof;
- (f) die geregistreerde plantvoedingstowwe wat in daardie misstof aanwesig is, uitgedruk in die vorm en op die wyse in regulasie 10 (2) beoog;
- (g) of dit 'n Groep 1-misstof of 'n Groep 2-misstof is;
- (h) die registrasienommer van daardie misstof;
- (i) die verdere besonderhede van daardie misstof wat ingevolge regulasie 12, 13, 14, 15, 16, 17, 18 of 19 vereis word of goedgekeur is om aangedui te word op 'n etiket wat aan 'n houer van so 'n misstof geheg word, of op so 'n houer gemerk te word; en
- (j) die netto massa of volume, na gelang van die geval, van die misstof wat aldus verkoop is.

Vereistes vir stikstofmisstowwe

12. (1) 'n Misstof wat stikstof as hoof plantvoedingstof bevat, word slegs onder 'n naam in kolom 1 van Tabel 1 hierby aangedui, geregistreer en verkoop indien—

- (a) die stikstofinhoud daarvan is soos in kolom 2 van vermelde Tabel teenoor elke sodanige naam gespesifiseer; en
- (b) dit aan die verdere vereistes in kolom 3 van vermelde Tabel teenoor elke sodanige naam gespesifiseer, voldoen.

(2) Die besonderhede in kolom 4 van Tabel 1 hierby teenoor die naam van 'n misstof gespesifiseer, moet ingevolge regulasie 10 (1) (c) ten opsigte van daardie misstof aangedui word.

(3) Indien die misstof kalksteenammoniumnitraat, aangedui in kolom 1 van Tabel 1 hierby, in houters wat hoogstens 25 kg daarvan bevat, verkoop word, mag gebruiksaanwysings ten opsigte van daardie misstof, behoudens die bepalings van regulasies 10 (4) en (5) op sodanige houters verstrek word.

Vereistes vir fosfaatmisstowwe

13. (1) 'n Misstof wat fosfor as hoof plantvoedingstof bevat, word slegs onder 'n naam in kolom 1 van Tabel 2 hierby aangedui, geregistreer en verkoop indien—

- (a) die fosforinhoud daarvan is soos onderskeidelik in kolomme 2, 3 en 4 van vermelde Tabel teenoor elke sodanige naam gespesifiseer; en
- (b) dit aan die verdere vereistes in kolom 5 van vermelde Tabel teenoor elke sodanige naam gespesifiseer, voldoen.

(2) Die besonderhede in kolom 6 van Tabel 2 hierby teenoor die naam van 'n misstof gespesifiseer, moet ingevolge regulasie 10 (1) (c) ten opsigte van daardie misstof aangedui word.

(3) In die geval van—

(a) behandelde fosfaat moet die uitdrukking “korrel” of “poeier” onmiddellik na die naam “behandelde fosfaat” aangedui word om die vorm waarin dit verkoop word, aan te dui; en

(b) rufosfaat, moet die naam van die plek van oorsprong daarvan, soos deur die registrasiebeampte goedgekeur, onmiddellik voor en as deel van die naam “rufosfaat” aangedui word.

(4) If the fertilizer superphosphate (super) indicated in column 1 of Table 2 hereto, is sold in containers containing 25 kg or less thereof, directions for use in respect of that fertilizer may, subject to the provisions of regulations 10 (4) and (5), be furnished on such containers.

Requirements for potassic fertilizers

14. (1) A fertilizer containing potassium as main plant nutrient shall only be registered and sold under a name indicated in column 1 of Table 3 hereto if—

(a) the potassium contents thereof is as specified in column 2 of the said Table opposite each such name; and

(b) it complies with the further requirements specified in column 3 of the said Table opposite each such name.

(2) The particulars specified in column 4 of Table 3 hereto opposite the name of a fertilizer shall, in terms of regulation 10 (1) (c), be indicated in respect of that fertilizer.

Requirements for chemical compound fertilizers

15. (1) A fertilizer which has been compounded chemically and which contains more than one of the plant nutrients nitrogen, phosphorus and potassium shall only be registered and sold under a name indicated in column 1 of Table 4 hereto if the nitrogen contents, phosphorus contents soluble in a 2 per cent citric acid solution and water-soluble potassium contents thereof are as respectively specified in columns 2, 3 and 4 of the said Table opposite each such name.

(2) Notwithstanding the provisions of subregulation (1), it shall be permissible to register and sell a fertilizer referred to in that subregulation with zinc added thereto if the added zinc contents of such fertilizer is as specified in column 5 of Table 4 hereto opposite the name of such fertilizer.

(3) The particulars specified in column 6 of Table 4 hereto opposite the name of a fertilizer shall, in terms of regulation 10 (1) (c), be indicated in respect of that fertilizer.

Requirements for natural compound fertilizers

16. (1) A fertilizer which has been compounded naturally and which contains more than one of the plant nutrients nitrogen, phosphorus and potassium shall only be registered and sold under a name indicated in column 1 of Table 5 hereto if—

(a) the nitrogen contents thereof is as specified in column 2 of the said Table opposite each such name;

(b) the sum of the nitrogen contents, total phosphorus contents and total potassium contents, is as specified in column 3 of the said Table opposite each such name; and

(c) it complies with the further requirements specified in column 4 of the said Table opposite each such name.

(2) The particulars specified in column 5 of Table 5 hereto shall, in terms of regulation 10 (1) (c), be indicated in respect of a fertilizer referred to in subregulation (1).

(3) In this regulation the expressions "total phosphorus" and "total potassium" shall refer to such quantities of the said elements as will dissolve in equal quantities of concentrated hydrochloric acid (S.G. 1,16) and concentrated nitric acid (S.G. 1,34) and according to such method as the registering officer may approve.

(4) Indien die misstof superfosfaat (super), aangedui in kolom 1 van Tabel 2 hierby, in houers wat hoogstens 25 kg daarvan bevat, verkoop word, mag gebruiksaanwysings ten opsigte van daardie misstof, behoudens die bepalings van regulasies 10 (4) en (5), op sodanige houers aangedui word.

Vereistes vir kaliummistowwe

14. (1) 'n Misstof wat kalium as hoof plantvoedingstof bevat, word slegs onder 'n naam in kolom 1 van Tabel 3 hierby aangedui, geregistreer en verkoop indien—

(a) die kaliuminhoud daarvan is soos in kolom 2 van vermelde Tabel teenoor elke sodanige naam gespesifiseer; en

(b) dit aan die verdere vereistes in kolom 3 van vermelde Tabel teenoor elke sodanige naam gespesifiseer, voldoen.

(2) Die besonderhede in kolom 4 van Tabel 3 hierby teenoor die naam van 'n misstof gespesifiseer, moet ingevolge regulasie 10 (1) (c) ten opsigte van daardie misstof aangedui word.

Vereistes vir chemiese saamgestelde misstofowwe

15. (1) 'n Misstof wat chemies saamgestel is en meer as een van die plantvoedingstowwe stikstof, fosfor en kalium bevat, word slegs onder 'n naam in kolom 1 van Tabel 4 hierby aangedui, geregistreer en verkoop indien die stikstofinhoud, fosforinhoud oplosbaar in 'n 2 persent sitroensuuroplossing en wateroplosbare kaliuminhoud daarvan is soos onderskeidelik in kolomme 2, 3 en 4 van vermelde Tabel teenoor elke sodanige naam gespesifiseer.

(2) Ondanks die bepalings van subregulasie (1) is dit toelaatbaar om 'n misstof in daardie subregulasie vermeld, aldus te registreer en te verkoop met sink daarby gevoeg, indien die bygevoegde sinkinhoud van so 'n misstof is soos in kolom 5 van Tabel 4 hierby teenoor die naam van so 'n misstof gespesifiseer.

(3) Die besonderhede in kolom 6 van Tabel 4 hierby teenoor die naam van 'n misstof gespesifiseer, moet ingevolge regulasie 10 (1) (c) ten opsigte van daardie misstof aangedui word.

Vereistes vir natuurlike saamgestelde misstofowwe

16. (1) 'n Misstof wat natuurlik saamgestel is en meer as een van die plantvoedingstowwe stikstof, fosfor en kalium bevat, word slegs onder 'n naam in kolom 1 van Tabel 5 hierby aangedui, geregistreer en verkoop indien—

(a) die stikstofinhoud daarvan is soos in kolom 2 van vermelde Tabel teenoor elke sodanige naam gespesifiseer;

(b) die som van die stikstofinhoud, totale fosforinhoud en totale kaliuminhoud is soos in kolom 3 van vermelde Tabel teenoor elke sodanige naam gespesifiseer; en

(c) dit aan die verdere vereistes in kolom 4 van vermelde Tabel teenoor elke sodanige naam gespesifiseer, voldoen.

(2) Die besonderhede in kolom 5 van Tabel 5 hierby gespesifiseer, moet ingevolge regulasie 10 (1) (c) ten opsigte van 'n misstof in subregulasie (1) vermeld, aangedui word.

(3) In hierdie regulasie het die uitdrukkings "totale fosfor" en "totale kalium" betrekking op sodanige hoeveelhede van vermelde elemente wat oplosbaar is in gelyke hoeveelhede gekonsentreerde soutsuur (S.G. 1,16) en gekonsentreerde salpetersuur (S.G. 1,34) en volgens so 'n metode as wat die registrasiebeampte goedkeur.

(4) A fertilizer referred to in subregulation (1) which contains substances of animal origin or marine products, shall not be registered and sold unless such substances or products have been sterilized—

(a) by exposing it in suitable digester to saturated steam under a pressure of not less than 275 kPa, which is maintained for a period of not less than two hours;

(b) in the case of marine products, by keeping it for 20 minutes at a temperature of not less than 100 °C; or

(c) by any other method which has been approved by the registering officer in writing and which renders it free from *bacillus anthracis* and organisms of the gas-gangrene type.

Requirements for artificially mixed fertilizers

17. (1) A fertilizer which is manufactured by mixing various constituents and which contains more than one of the plant nutrients nitrogen, phosphorus and potassium shall only be registered and sold under a name indicated in column 1 of Table 6 hereto if—

(a) the ratio in which the plant nutrients nitrogen, phosphorus and potassium are present in such a fertilizer, is as specified in the said column 1;

(b) the sum of the nitrogen contents, and the phosphorus contents soluble in a 2 per cent citric acid solution and potassium contents likewise soluble, is as specified in column 2 of the said Table opposite each such name;

(c) it complies with the further requirements specified in column 3 of the said Table opposite each such name;

(d) in the case where ammonium nitrate is one of the constituents thereof, that fertilizer shall comply with the requirements of the Explosives Act, 1956 (Act 26 of 1956), and the regulations thereunder; and

(e) the constituents thereof shall not, after the manufacture of that fertilizer, segregate.

(2) Notwithstanding the provisions of subregulation (1) it shall be permissible to register and sell a fertilizer referred to in that subregulation with zinc added thereto if the added zinc contents of such fertilizer is as specified in column 3 of Table 6 hereto opposite the name of such fertilizer.

(3) If the sum referred to in paragraph (b) of subregulation (1) of a fertilizer referred to in that subregulation, is exceeded, such higher sum shall only be considered for registration if it is above the sum referred to in that paragraph in a unit of 3 or more: Provided that two or more such fertilizers shall at no stage be registered under the same name unless such sums thereof differ with at least 3 from each other.

(4) Notwithstanding the provisions of paragraph (b) of subregulation (1), the sum referred to in that paragraph, may be reduced by not more than three if a fertilizer referred to in that subregulation is sold in liquid form.

(5) A fertilizer which is manufactured by mixing various constituents and which does not comply with the requirements specified in subregulation (1), may only be registered and sold as a special fertilizer in which case the sum of the nitrogen contents, phosphorus contents soluble in a 2 per cent citric acid solution and potassium contents likewise soluble, in such fertilizer shall be more than 38 per cent, and not more than 3 micro elements may be added to such concentrated fertilizer.

(6) A fertilizer which is manufactured by mixing various constituents and which is suitable for water, sand and gravel culture, shall only be registered and sold for that purpose if it contains all the macro elements and micro-elements approved by the registering officer in the quantities and proportions which he thus approved.

(4) 'n Misstof in subregulasie (1) vermeld wat stowwe van dierlike oorsprong of seeprodukte bevat, word nie geregistreer en verkoop nie tensy sodanige stowwe of produkte gesteriliseer is—

(a) deur dit in 'n geskikte verteerder aan versadigde stoom onder 'n druk van minstens 275 kPa, volgehou vir 'n tydperk van minstens twee uur, bloot te stel;

(b) in die geval van seeprodukte, deur dit vir 20 minute teen 'n temperatuur van minstens 100 °C te hou; of

(c) deur enige ander metode wat skriftelik deur die registrasiebeampte goedgekeur is en wat dit vry maak van *bacillus anthracis* en organismes van die gasgangreentepe.

Vereistes vir kunsmatige gemengde misstowwe

17. (1) 'n Misstof wat vervaardig is deur verskillende bestanddele te vermeng en wat meer as een van die plantvoedingstowwe stikstof, fosfor en kalium bevat, word slegs onder 'n naam in kolom 1 van Tabel 6 hierby aangedui, geregistreer en verkoop indien—

(a) die verhouding waarin die plantvoedingstowwe stikstof, fosfor en kalium in so 'n misstof aanwesig is, is soos in vermelde kolom 1 gespesifiseer;

(b) die som van die stikstofinhoud, fosforinhoud oplosbaar in 'n 2 persent sitroensuuroplossing en kaliuminhoud wat insgelyks oplosbaar is, is soos in kolom 2 van vermelde Tabel teenoor elke sodanige naam gespesifiseer;

(c) dit aan die verdere vereistes in kolom 3 van vermelde Tabel teenoor elke sodanige naam gespesifiseer, voldoen;

(d) in die geval waar ammoniumnitraat een van die bestanddele daarvan is, daardie misstof aan die vereistes van die Wet op Ontploffbare Stowwe, 1956 (Wet 26 van 1956), en die regulasies daarkragtens voldoen; en

(e) die bestanddele daarvan nie na vervaardiging van daardie misstof sal segregeer nie.

(2) Ondanks die bepalings van subregulasie (1) is dit toelaatbaar om 'n misstof in daardie subregulasie vermeld, aldus te registreer en te verkoop met sink daarby gevoeg, indien die bygevoegde sinkinhoud van so 'n misstof is soos in kolom 3 van Tabel 6 hierby teenoor die naam van so 'n misstof gespesifiseer.

(3) Indien die som in paragraaf (b) van subregulasie (1) vermeld van 'n misstof in daardie subregulasie vermeld, oorskry word, sal sodanige hoër som slegs vir registrasie oorweeg word indien dit in 'n eenheid van 3 of meer bo die som in daardie paragraaf vermeld, is: Met dien verstande dat twee of meer sodanige misstowwe op geen stadium onder dieselfde naam geregistreer sal word nie, tensy sodanige somme daarvan met minstens 3 van mekaar verskil.

(4) Ondanks die bepalings van paragraaf (b) van subregulasie (1) kan die som in daardie paragraaf vermeld, met hoogstens drie verminder word indien 'n misstof in daardie subregulasie vermeld, in vloeistofvorm verkoop word.

(5) 'n Misstof wat vervaardig is deur verskillende bestanddele te vermeng en wat nie aan die vereistes in subregulasie (1) gespesifiseer, voldoen nie, kan slegs as 'n spesiale misstof geregistreer en verkoop word, in welke geval die som van die stikstofinhoud, fosforinhoud oplosbaar in 'n 2 persent sitroensuuroplossing en kaliuminhoud wat insgelyks oplosbaar is, in so 'n misstof meer as 38 persent moet wees, en hoogstens 3 mikro-elemente mag by so 'n gekonsentreerde misstof gevoeg word.

(6) 'n Misstof wat vervaardig is deur verskillende bestanddele te vermeng en wat geskik is vir water-, sand- en gruis-kultuur word slegs vir daardie doeleindes geregistreer en verkoop indien dit al die makro-elemente en mikro-elemente bevat wat die registrasiebeampte goedkeur in die hoeveelhede en verhoudings wat hy aldus goedkeur.

(7) The particulars specified in column 4 of Table 6 hereto opposite the name of a fertilizer shall, in terms of regulation 10 (1) (c), be indicated in respect of that fertilizer.

(8) The particulars specified in column 5 of Table 6 hereto opposite the name of a fertilizer and which is registered in respect thereof, shall be indicated in brackets on a label affixed to a container of such fertilizer, or be marked on such container as part of and immediately following such name, in the sequence thus specified, and shall each be indicated in brackets.

(9) (a) The name to be used for, and the particulars to be indicated in terms of regulation 10 (1) in respect of a fertilizer referred to in subregulation (5) and (6) shall be approved by the registering officer.

(b) Directions for use may, subject to the provision of regulations 10 (4) and (5) be furnished in respect of a fertilizer referred to in paragraph (a).

(10) If the fertilizers 2:3:2, 2:3:4, 3:2:1 and 4:1:0 indicated in column 1 of Table 6 hereto, are sold in containers containing 25 kg or less thereof, directions for use in respect of those fertilizers may, subject to the provisions of regulations 10 (4) and (5), be furnished on such containers.

Requirements for agricultural lime

18. (1) Agricultural lime shall only be registered and sold as a fertilizer under a name indicated in column 1 of Table 7 hereto if—

(a) the sum of the calcium carbonate and magnesium carbonate contents thereof, is as specified in column 2 of the said Table opposite each such name;

(b) the magnesium carbonate contents thereof is as specified in column 3 of the said Table opposite each such name; and

(c) the fineness thereof is as specified in column 4 of the said Table opposite each such name.

(2) The particulars to be indicated in terms of regulation 10 (1) in respect of agricultural lime referred to in subregulation (1) shall be approved by the registering officer.

Requirements for other fertilizers

19. (1) A fertilizer consisting of the manure of bats, shall only be registered and sold under a name indicated in column 1 of Table 8 hereto if—

(a) the nitrogen contents and phosphorus contents, soluble in a 2 per cent citric acid solution thereof are respectively as indicated in columns 2 and 3 of the said Table, opposite each such name; and

(b) the sum of the nitrogen contents and phosphorus contents soluble in a 2 per cent citric acid solution thereof is as indicated in column 4 of the said Table opposite each such name.

(2) Compost shall only be registered and sold as a fertilizer if—

(a) the composition thereof is such that it contains—

- (i) not more than 40 per cent moisture;
- (ii) not more than 20 per cent inorganic material; and
- (iii) at least 40 per cent decomposed organic material;

(b) such compost is free from—

- (i) undecomposed organic material; and
- (ii) seeds, weeds, parasites, stones, pieces of glass and unrotten or any other material which is undesirable as a constituent of compost; and

(c) such compost is so fine that all of it will pass through a 12,00 mm standard sieve.

(7) Die besonderhede in kolom 4 van Tabel 6 hierby teenoor die naam van 'n misstof gespesifiseer, moet ingevolge regulasie 10 (1) (c) ten opsigte van daardie misstof aangedui word.

(8) Die besonderhede in kolom 5 van Tabel 6 hierby teenoor die naam van 'n misstof gespesifiseer en wat ten opsigte daarvan geregistreer is, moet op 'n etiket wat aan 'n houer van so 'n misstof geheg is, aangedui of op so 'n houer gemerk word as deel van en onmiddellik na so 'n naam in die volgorde aldus gespesifiseer, en moet elk tussen hakies aangedui word.

(9) (a) Die naam wat gebruik moet word vir, en die besonderhede wat ingevolge regulasie 10 (1) aangedui moet word ten opsigte van 'n misstof in subregulasie (5) en (6) vermeld, moet deur die registrasiebeampte goedgekeur word.

(b) Gebruiksaanwysings mag, behoudens die bepalings van regulasies 10 (4) en (5), ten opsigte van misstowwe vermeld in paragraaf (a) verstrekk word.

(10) Indien die misstowwe 2:3:2, 2:3:4, 3:2:1 en 4:1:0 aangedui in kolom 1 van Tabel 6 hierby, in houters wat hoogstens 25 kg daarvan bevat, verkoop word, mag gebruiksaanwysings ten opsigte van daardie misstowwe behoudens die bepalings van regulasies 10 (4) en (5), op sodanige houters verstrekk word.

Vereistes vir landboukalk

18. (1) Landboukalk word slegs as 'n misstof onder 'n naam aangedui in kolom 1 van Tabel 7 hierby geregistreer en verkoop indien—

(a) die som van die kalsium- en magnesiumkarbonaatinhoud daarvan is soos in kolom 2 van vermelde Tabel teenoor elke sodanige naam gespesifiseer;

(b) die magnesiumkarbonaatinhoud daarvan is soos in kolom 3 van vermelde Tabel teenoor elke sodanige naam gespesifiseer; en

(c) die fynheid daarvan is soos in kolom 4 van vermelde Tabel teenoor elke sodanige naam gespesifiseer.

(2) Die besonderhede wat ingevolge regulasie 10 (1) ten opsigte van landboukalk in subregulasie (1) vermeld, aangedui moet word, moet deur die registrasiebeampte goedgekeur word.

Vereistes vir ander misstowwe

19. (1) 'n Misstof wat bestaan uit die mis van vlermuise word slegs onder 'n naam in kolom 1 van Tabel 8 hierby aangedui, geregistreer en verkoop indien—

(a) die stikstofinhoud en fosforinhoud oplosbaar in 'n 2-persent-sitroensuuroplossing daarvan is soos onderskeidelik in kolomme 2 en 3 van vermelde tabel teenoor elke sodanige naam aangedui; en

(b) die som van die stikstofinhoud en fosforinhoud oplosbaar in 'n 2-persent-sitroensuuroplossing daarvan is soos in kolom 4 van vermelde tabel teenoor elke sodanige naam aangedui.

(2) Kompos word slegs as 'n misstof geregistreer en verkoop indien—

(a) die samestelling daarvan sodanig is dat dit—

- (i) hoogstens 40 persent vog bevat;
- (ii) hoogstens 20 persent anorganiese materiaal bevat; en
- (iii) minstens 40 persent verrotte organiese materiaal bevat;

(b) sodanige kompos vry is van—

- (i) onverrotte organiese materiaal;
- (ii) saad, onkruid, parasiete, klippe, glasstukke en onverrotte of enige ander materiaal wat ongewens as 'n bestanddeel van kompos is; en

(c) sodanige kompos so fyn is dat alles daarvan deur 'n 12,00-mm-standaardsif sal gaan.

(3) Agricultural gypsum shall only be registered and sold as a fertilizer if—

(a) the calcium sulphate contents, in the form $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$, thereof, is at least 65,0 per cent;

(b) the sodium contents thereof is not more than 1,0 per cent; and

(c) it is so fine that at least 30,0 per cent thereof will pass through a 250 micrometre standard sieve, and all of it through a 1,70 mm standard sieve.

(4) Calcium silicate shall only be registered and sold as a fertilizer if—

(a) the sum of the calculated calcium carbonate (CaCO_3) and magnesium carbonate (MgCO_3) contents thereof, is at least 70,0 per cent;

(b) the calculated silica (SiO_2) contents thereof is at least 30,0 per cent; and

(c) it is so fine that at least 30,0 per cent thereof will pass through a 250 micrometre standard sieve and all of it will pass through a 1,70 mm standard sieve.

(5) The registering officer may, in respect of a fertilizer not specified elsewhere in these regulations, register such fertilizer—

(a) as a Group 1 fertilizer if the nitrogen, phosphorus or potassium contents thereof are sufficient to render it suitable for the registration and sale thereof as a Group 1 fertilizer; or

(b) as a Group 2 fertilizer if—

(i) it contains a micro element or a mixture of not more than 3 micro elements, and the sum of the micro element contents thereof is at least 5,0 per cent in the case of a solid and 2,5 per cent in the case of a liquid; or

(ii) it is an inferior substance or mixture of such substances which is unsuitable to be registered otherwise as a fertilizer in terms of these regulations, but is useful to be registered and sold as a Group 2 fertilizer: Provided that a calcium or magnesium fertilizer shall not be thus registered unless the sum of the calculated calcium and magnesium contents thereof is at least 70,0 per cent and the fineness thereof is as specified in subregulation (4) (c).

(6) The registering officer shall, notwithstanding the provisions of regulation 10—

(a) approve the registered name to be used for a fertilizer referred to in subregulation (5); and

(b) approve the particulars in respect of a fertilizer referred to in this regulation to be indicated in terms of that regulation.

(7) A mixture consisting of a substance which is or may be registered as a Group 1 fertilizer, and any other substance may, except where expressly authorised in terms of these regulations, not be registered and sold as a Group 1 fertilizer or a Group 2 fertilizer.

Sampling of fertilizers

20. (1) (a) A fertilizer which is sold in containers each containing 2,5 kg or more of such fertilizer, shall be sampled—

(i) by selecting 25 containers thereof at random;

(ii) by grouping such containers at random in lots of 5 containers each; and

(iii) by dividing the fertilizer in each such container separately in order to obtain a manageable quantity thereof with a view to the making up of a composite sample of each lot.

(3) Landbougslegs word slegs as 'n misstof geregistreer en verkoop indien—

(a) die kalsiumsulfatainhoud, in die vorm $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$, daarvan minstens 65,0 persent is;

(b) die natriuminhoud daarvan hoogstens 1,0 persent is; en

(c) dit so fyn is dat minstens 30,0 persent daarvan deur 'n 250-mikrometer-standaardsif, en alles daarvan deur 'n 1,70-mm-standaardsif sal gaan.

(4) Kalsiumsilikaat word slegs as 'n misstof geregistreer en verkoop indien—

(a) die som van die berekende kalsiumkarbonaat (CaCO_3)- en magnesiumkarbonaat (MgCO_3)-inhoud daarvan minstens 70,0 persent is;

(b) die berekende silika (SiO_2)-inhoud daarvan minstens 30,0 persent is; en

(c) dit so fyn is dat minstens 30,0 persent daarvan deur 'n 250-mikrometer-standaardsif en alles daarvan deur 'n 1,70-mm-standaardsif sal gaan.

(5) Die registrasiebeampte kan ten opsigte van 'n misstof wat nie elders in hierdie regulasies gespesifiseer is nie, so 'n misstof—

(a) as 'n Groep 1-misstof registreer indien die stikstof-, fosfor- of kalium-inhoud daarvan voldoende is om dit geskik te maak vir die registrasie en verkoop daarvan as 'n Groep 1-misstof; of

(b) as 'n Groep 2-misstof registreer indien—

(i) dit 'n mikro-element of 'n mengsel van hoogstens drie mikro-elemente bevat en die som van die mikro-elementinhoud daarvan minstens 5,0 persent in die geval van 'n vaste stof of 2,5 persent in die geval van 'n vloeistof is; of

(ii) dit 'n minderwaardige stof of 'n mengsel van sodanige stowwe is wat ongeskik is om andersins as 'n misstof ingevolge hierdie regulasies geregistreer te word, maar bruikbaar is om as 'n Groep 2-misstof geregistreer en verkoop te word: Met dien verstande dat 'n kalsium of magnesiummisstof nie aldus geregistreer sal word nie tensy die som van die berekende kalsium- en magnesiumkarbonaatinhoud daarvan minstens 70,0 persent is en die fynheid daarvan is soos in subregulasie (4) (c) gespesifiseer.

(6) Die registrasiebeampte moet, ondanks die bepalinge van regulasie 10—

(a) die geregistreerde naam wat gebruik word vir 'n misstof in subregulasie (5) vermeld, goedkeur; en

(b) die besonderhede ten opsigte van 'n misstof in hierdie regulasie vermeld, wat ingevolge daardie regulasie aangedui moet word, goedkeur.

(7) 'n Mengsel wat bestaan uit 'n stof wat as 'n Groep 1-misstof geregistreer is of kan word, en enige ander stof, word, behalwe waar uitdruklik ingevolge hierdie regulasies gemagtig, nie as 'n Groep 1-misstof of 'n Groep 2-misstof geregistreer en verkoop nie.

Monsterneming van misstowwe

20. (1) (a) 'n Misstof wat in houe wat elk 2,5 kg of meer van so 'n misstof bevat, verkoop word, word bemonster—

(i) deur willekeurig 25 houe daarvan te kies;

(ii) deur sodanige houe willekeurig in lotte van 5 houe elk te groepeer; en

(iii) deur die misstof in elke sodanige houer afsonderlik te verdeel ten einde 'n hanteerbare hoeveelheid daarvan te verkry met die oog op die opmaak van 'n saamgestelde monster van elke lot.

(b) The division of the fertilizer in a container in order to obtain a manageable quantity thereof, shall be done either mechanically or by hand.

(c) If a fertilizer is divided mechanically, such division shall be done—

(i) by emptying the contents of such container in the hopper of a suitable sample splitter;

(ii) by thereafter opening the gate of such hopper to release the fertilizer therein on the splitting device in such manner that an even flow of the fertilizer is maintained and splitting from the splitting device is avoided; and

(iii) by placing the fertilizer which has passed through the spout of the sample splitter, which should be approximately one-sixteenth of the mass of the fertilizer which was emptied in the hopper, in a suitable clean container.

(d) If a fertilizer is divided by hand, such division shall be done—

(i) by emptying the contents of such container on a suitable clean smooth surface;

(ii) by thereafter mixing the fertilizer on such surface thoroughly; and

(iii) by placing a manageable quantity of the fertilizer thus mixed, which is collected with a scooping utensil from various locations on that surface in a suitable clean container.

(e) The fertilizer thus obtained from the containers of each separate lot, shall thereafter be put together in a suitable clean container and be thoroughly mixed, and the quantity of fertilizer thus mixed shall thereafter—

(i) if that quantity was obtained by mechanical division, be further divided in the manner referred to in paragraph (c); or

(ii) if that quantity was obtained by division by hand, be further divided in the manner referred to in paragraph (d),

and the quantity of fertilizer obtained after such further division and which shall have a mass of approximately 3 kg, is the composite sample referred to in paragraph (a) (iii), of such lot.

(f) Separate composite samples shall be obtained of each lot referred to in paragraph (a) (ii).

(g) Each composite sample shall be divided into three parts with a conical divider, each of which shall forthwith be fastened up and sealed and suitably labelled or marked in such manner as its nature may permit.

(h) If less than 25 containers of a fertilizer referred to in paragraph (a) are available for sampling, a separate sample shall be taken from each container of such fertilizer, and the provisions of paragraphs (b) and (g) shall *mutatis mutandis* apply to the taking of such samples.

(2) (a) A fertilizer which is sold otherwise than in containers, shall be sampled—

(i) by taking at random from different locations on the heap of such fertilizer or the bulk container thereof, suitable quantities thereof;

(ii) by thereafter grouping the respective quantities of fertilizer thus taken, at random in five lots;

(iii) by thereafter mixing the fertilizer in each separate lot thoroughly on a suitable clean smooth surface; and

(iv) by placing a mass of approximately 3 kg of the fertilizers in each separate lot thus mixed, and which is collected with a scooping utensil from various locations on that surface, in a suitable clean container.

(b) The quantity of fertilizer referred to in paragraph (a) (iv), is the composite sample of each lot of the fertilizer which is sampled, and such composite sample shall further be dealt with as provided for in subregulation (1) (g).

(b) Die verdeling van die misstof in 'n houer ten einde 'n hanteerbare hoeveelheid daarvan te verkry, moet of meganies of met die hand gedoen word.

(c) Indien 'n misstof meganies verdeel word, moet sodanige verdeling geskied—

(i) deur die inhoud van so 'n houer in die bak van 'n geskikte monsterverdeler uit te gooi;

(ii) deur die sluis van so 'n bak daarna oop te maak om die misstof daarin op die verdelingstoestel los te laat op so 'n wyse dat 'n gelykmatige vloeï van die misstof volgehou en vermorsing vanaf die verdeler vermy word; en

(iii) deur die misstof wat deur die geut van die monsterverdeler gegaan het, wat ongeveer een-sestiende van die massa van die misstof moet wees wat in die bak uitgegooi was, in 'n geskikte skoon houer te plaas.

(d) Indien 'n misstof met die hand verdeel word, moet die verdeling geskied—

(i) deur die inhoud van so 'n houer op 'n geskikte skoon gladde oppervlakte uit te gooi;

(ii) deur die misstof op daardie oppervlakte daarna deeglik te meng;

(iii) deur 'n hanteerbare hoeveelheid van die misstof aldus gemeng, wat met 'n skepding op verskeie plekke op daardie oppervlakte versamel is, in 'n geskikte skoon houer te plaas.

(e) Die misstof wat aldus van die houters in elke afsonderlike lot verkry is, moet daarna in 'n geskikte skoon houer saamgevoeg en deeglik gemeng word en die hoeveelheid misstof aldus gemeng moet daarna—

(i) indien daardie hoeveelheid deur meganiese verdeling verkry is, verder op die wyse vermeld in paragraaf (c) verdeel word; of

(ii) indien daardie hoeveelheid deur verdeling met die hand verkry is, verder op die wyse vermeld in paragraaf (d) verdeel word;

en die hoeveelheid misstof wat na sodanige verdere verdeling verkry is en wat 'n massa van ongeveer 3 kg moet hê, is die saamgestelde monster vermeld in paragraaf (a) (iii) van so 'n lot.

(f) Afsonderlike saamgestelde monsters moet van elke lot vermeld in paragraaf (a) (ii) verkry word.

(g) Elke saamgestelde monster moet met 'n koniese verdeler in drie dele verdeel word, elk waarvan dadelik op sodanige wyse as wat die aard daarvan toelaat, verpak, verseël en behoorlik geëtiketteer of gemerk moet word.

(h) Indien minder as 25 houters van 'n misstof vermeld in paragraaf (a) vir monsterneming beskikbaar is, moet 'n afsonderlike monster uit elke houer van so 'n misstof geneem word, en die bepalings van paragrawe (b) en (g) is *mutatis mutandis* van toepassing op die neem van sulke monsters.

(2) (a) 'n Misstof wat anders as in houters verkoop word, word bemonster deur—

(i) willekeurig op verskillende plekke op die hoop van so 'n misstof of uit die grootmaathouer daarvan, geskikte hoeveelhede daarvan te neem;

(ii) die onderskeie hoeveelhede misstof aldus geneem, daarna willekeurig in vyf lotte te groepeer;

(iii) die misstof in elke afsonderlike lot daarna deeglik op 'n skoon gladde oppervlakte te meng; en

(iv) 'n massa van ongeveer 3 kg van die misstof in elke afsonderlike lot aldus gemeng, en wat met 'n skepding op verskeie plekke op daardie oppervlakte versamel is, in 'n geskikte skoon houer te plaas.

(b) Die hoeveelheid misstof vermeld in paragraaf (a) (iv) is die saamgestelde monster van elke lot van die misstof wat bemonster is, en met so 'n saamgestelde monster word verder gehandel soos in subregulasie (1) (g) voorsien.

(3) (a) A fertilizer which is sold in containers each containing less than 2,5 kg of such fertilizer, shall be sampled—

(i) by selecting at random one or more containers thereof;

(ii) by thereafter emptying the contents of such containers on a suitable clean smooth surface;

(iii) by thereafter mixing the fertilizer on such surface thoroughly; and

(iv) by thereafter placing a quantity of the fertilizer thus mixed and, which is collected with a scooping utensil from various locations on that surface, in a suitable clean container.

(b) The quantity of fertilizer referred to in paragraph (a) (iv), is the composite sample of the fertilizer which is sampled, and such composite shall further be dealt with as provided for in subregulation (1) (g): Provided that the mass of each part of such composite sample shall be sufficient for an examination or analysis thereof.

(4) Notwithstanding the provisions of subregulations (1) and (3), at least three sealed containers in which a fertilizer is sold, may also be taken as the composite sample of such fertilizer, and the containers comprising the sample, shall without opening, be divided at random into the three parts of that sample.

(5) (a) A fertilizer which is sold in liquid form shall be sampled—

(i) by taking unopened containers thereof in the manner contemplated in subregulation (4); or

(ii) if taken from a bulk container, by taking a representative composite sample in a manner which is deemed suitable.

(b) The volume of each part of a composite sample of a fertilizer which is sold in liquid form, shall be approximately 1 litre.

(6) A certificate in terms of section 15 (2) of the Act regarding a sample taken, shall be in the form in Schedule C hereto.

(7) The third part of a sample of a fertilizer which is to be retained in terms of section 15 (2) of the Act, shall be thus retained for 12 months after the part of such sample which has been transmitted to an analyst, has been analysed and tested.

Expression of results of analysis

21. (1) The moisture contents of a sample of a fertilizer as determined at the time of analysis and testing thereof, shall be deemed to be the same as the moisture contents of that sample when it was taken, and the results of such analysis and test shall be expressed on the basis of such moisture contents.

(2) A certificate in terms of section 15 (3) of the Act regarding the result of the analysis and test of a sample taken from a fertilizer, shall be in the form in Schedule D hereto.

(3) The result of the analysis and test of samples of a fertilizer which was obtained in terms of regulation 20 (1) or (2), shall for each such sample be recorded on a separate certificate, and the average of the results thus recorded shall be deemed to be the properties of each such sample.

(3) (a) 'n Misstof wat in houers wat elk minder as 2,5 kg van so 'n misstof bevat, verkoop word, word bemonster—

(i) deur willekeurig een of meer houers daarvan te kies;

(ii) deur die inhoud van sulke houers daarna op 'n geskikte skoon gladde oppervlakte uit te gooi;

(iii) deur die misstof op daardie oppervlakte daarna deeglik te meng; en

(iv) deur daarna 'n hoeveelheid van die misstof aldus vermeng, en wat met 'n skeping op verskeie plekke op so 'n oppervlakte versamel is, in 'n geskikte skoon houer te plaas.

(b) Die hoeveelheid misstof vermeld in paragraaf (a) (iv) is die saamgestelde monster van die misstof wat bemonster is, en met so 'n saamgestelde monster word verder gehandel soos in subregulasie (1) (g) voorsien: Met dien verstande dat die massa van elke deel van so 'n saamgestelde monster voldoende moet wees vir 'n ondersoek of ontleding daarvan.

(4) Ondanks die bepalinge van subregulasies (1) en (3) kan minstens drie verseëde houers waarin 'n misstof verkoop word, ook as die saamgestelde monster van so 'n misstof geneem word en die houers waaruit die monster bestaan, moet, sonder om oopgemaak te word, willekeurig in die drie dele van daardie monster verdeel word.

(5) (a) 'n Misstof wat in vloeibare vorm verkoop word, word bemonster deur—

(i) onoepgemaakte houers daarvan op die wyse beoog in subregulasie (4) te neem; of

(ii) indien uit 'n grootmaathouer geneem, 'n verteenwoordigende saamgestelde monster daarvan op 'n wyse wat geskik geag word, te neem.

(b) Die volume van elke deel van die saamgestelde monster van 'n misstof wat in vloeibare vorm verkoop word, moet ongeveer 1 liter wees.

(6) 'n Sertifikaat ingevolge artikel 15 (2) van die Wet met betrekking tot 'n monster wat geneem is, moet in die vorm in Bylae C hierby wees.

(7) Die derde deel van 'n monster van 'n misstof wat ingevolge artikel 15 (2) van die Wet bewaar word, moet aldus bewaar word vir 12 maande nadat die deel van so 'n monster wat aan 'n ontleder gestuur is, ontleed of getoets is.

Uitdrukking van ontledingsresultate

21. (1) Die voggehalte van 'n monster van 'n misstof soos tydens die ontleding en toets daarvan bepaal, word geag dieselfde te wees as die voggehalte van daardie monster toe dit geneem was, en die resultate van sodanige ontleding en toets word op die basis van sodanige voggehalte uitgedruk.

(2) 'n Sertifikaat ingevolge artikel 15 (3) van die Wet met betrekking tot die resultaat van die ontleding en toets van 'n monster wat van 'n misstof geneem is, moet in die vorm in Bylae D hierby wees.

(3) Die resultaat van die ontleding en toets van monsters van 'n misstof wat ingevolge regulasie 20 (1) of (2) verkry is, moet vir elke sodanige monster op 'n afsonderlike sertifikaat aangeteken word, en die gemiddelde van die resultate aldus aangeteken, word geag die eienskappe van elke sodanige monster te wees.