1992 No. 235

AGRICULTURE

The Fertilisers (Sampling and Analysis) (Amendment) Regulations (Northern Ireland) 1992

Made	*21st May 1992*
Coming into operation . .	*10th July 1992*

The Department of Agriculture in exercise of the powers conferred on it by sections 66(1), 74A, 75(1), 76(1), 77, 78(2), (4) and (6), 79(1), (2) and (9), 84 and 86(1), (2), (3) and (9) of the Agriculture Act 1970(**a**) and of every other power enabling it in that behalf, after consultations with such persons or organisations as appear to it to represent the interests concerned, hereby makes the following Regulations:—

Citation, commencement and interpretation

1.—(1) These Regulations may be cited as the Fertilisers (Sampling and Analysis) (Amendment) Regulations (Northern Ireland) 1992 and shall come into operation on 10th July 1992.

(2) The Interpretation Act (Northern Ireland) 1954(**b**) shall apply to these Regulations as it applies to a Measure of the Northern Ireland Assembly.

Amendment of the principal Regulations

2. The Fertilisers (Sampling and Analysis) Regulations (Northern Ireland) 1991(**c**) shall be amended as provided in regulations 3 and 4.

3.—(1) In regulation 2(3) (which relates to the prescribed amount for solid fertiliser in more than one container for the purposes of the definition of sampled portion), for sub-paragraphs (*b*) and (*c*), there shall be substituted the following sub-paragraphs:

"(*b*) if any container holds at least 5 tonnes the prescribed amount shall be 5 tonnes; and

(*c*) if neither sub-paragraph (*a*) nor (*b*) applies, the prescribed amount shall be the contents of the lowest number of containers together holding at least 5 tonnes.".

(2) In regulation 2(7) (which relates to the prescribed amount for fluid fertiliser in more than one container for the purposes of the definition of sampled portion), for sub-paragraphs (*b*) and (*c*) there shall be substituted the following sub-paragraphs:

(**a**) 1970 c. 40; section 74A was inserted by s. 4(1) of, and paragraph 6 of Schedule 4 to the European Communities Act 1972 (c. 68) and there are other amendments not relevant to these Regulations
(**b**) 1954 c. 33 (N.I.)
(**c**) S.R. 1991 No. 540

"(*b*) if any container holds at least 5,000 litres, the prescribed amount shall be 5,000 litres; and

(*c*) if neither sub-paragraph (*a*) nor (*b*) applies, the prescribed amount shall be the contents of the lowest number of containers together holding at least 5,000 litres.".

(3) For regulation 5(2) (application of methods of analysis) there shall be substituted:

"(2) Analytical constituents of materials listed in Groups 1(*a*), 2(*a*) and 3(*a*) of Section A, Groups 1 to 4 of Section B, Groups 1(*a*), 1(*b*) and 2 of Section C, and Section E, of the table in Schedule 1 to the Fertilisers Regulations (Northern Ireland) 1992(**a**), shall be determined by the methods prescribed in Part I of Schedule 2.".

4.—(1) In Part I of Schedule 2 (methods of analysis)—

(*a*) paragraph 1(*b*) shall be omitted;

(*b*) for paragraph 2 there shall be substituted the provisions set out in Schedule 1;

(*c*) in paragraph 3—

(i) items 12*a* and *b*, and 13*a* and *b* shall be omitted; and

(ii) after item 16G (Determination of copper) there shall be added the provisions set out in Schedule 2;

(*d*) the provisions relating to the following methods of analysis shall be omitted—

(i) method 12*a*: Determination of water-soluble magnesium-atomic absorption spectrophotometric method;

(ii) method 12*b*: Determination of water-soluble magnesium-EDTA method;

(iii) method 13*a*: Determination of total magnesium-atomic absorption spectrophotometric method; and

(iv) method 13*b*: Determination of total magnesium-EDTA method;

(*e*) in paragraph 4.3 of method 16C: Determination of the Combustible Ingredients, for the expression "(See Figure 1)" there shall be substituted "(See Figure 9).";

(*f*) after the provisions relating to method 16G: Determination of copper, there shall be added the provisions set out in Schedule 3.

(2) In Part II of Schedule 2—

(*a*) paragraph 1(*b*) shall be omitted;

(*b*) for paragraph 2 there shall be substituted the provisions set out in Schedule 1;

(*c*) in paragraph 3, for item 8 there shall be substituted "8. Determination of zinc";

(**a**) S.R. 1992 No. 187

(*d*) for the provisions relating to method 8: Determination of total magnesium, there shall be substituted the provisions set out in Schedule 4.

(3) At the end of the Appendix to Schedule 2, there shall be inserted the Diagram and key set out in Schedule 5.

(4) In Schedule 3 (form of certificate of analysis)—

(*a*) in the first column for the results of analysis, before the line referring to ''Chlorine (Cl)'', there shall be inserted:

''Calcium Oxide (CaO) Total
Soluble in water .....
Sodium Oxide (Na_2O) Total
Soluble in water .....
Sulphur Trioxide (SO_3) Total
Soluble in water .....'';

(*b*) in the second column for the results of analysis—

(i) the expression ''Magnesium (Mg)'' shall be omitted; and

(ii) below the expression ''Molybdenum (Mo)'' there shall be added ''Zinc (Zn)''.

Sealed with the Official Seal of the Department of Agriculture for Northern Ireland on 21st May 1992.

(L.S.) *I. C. Henderson*
Assistant Secretary

SCHEDULE 1 Regulation 4(1)(*b*) and 4(2)(*b*)

PROVISIONS TO BE INSERTED IN PARTS I AND II OF SCHEDULE 2 TO THE PRINCIPAL REGULATIONS

"2. *Reagents*

Except where otherwise specified in the method of analysis, all reagents shall be of analytical quality. Where trace elements are to be determined, the purity of the reagents used shall be checked by means of a blank test.

2A. *Water*

(*a*) Except where otherwise specified, a reference in this Part of this Schedule to water shall be a reference to demineralized or distilled water.

(*b*) For the determination of any form of nitrogen, water shall be free of all nitrogenous compounds and carbon dioxide.

(*c*) Except where the method of analysis specifies a particular solvent or diluent, all dissolution, dilution, rinsing and washing operations mentioned in the methods of analysis shall be carried out using water.

2B. *Apparatus*

(*a*) Only special instruments and apparatus and specifically required apparatus and equipment are mentioned in the methods of analysis.

(*b*) Apparatus and equipment shall be clean.

(*c*) The accuracy of graduated glassware shall be assured by reference to the appropriate standards."

SCHEDULE 2 Regulation 4(1)(*c*)(ii)

PROVISIONS TO BE INSERTED IN PART I OF SCHEDULE 2 TO THE PRINCIPAL REGULATIONS

"17. Extraction of total calcium, total magnesium, total sodium and total sulphur in the form of sulphates

18. Extraction of total sulphur

19. Extraction of water-soluble calcium, magnesium, sodium and sulphur (in the form of sulphates)

20. Extraction of water-soluble sulphur

21. Extraction and determination of elemental sulphur

22. Manganimetric determination of extracted calcium following precipitation in the form of oxalate

23. Determination of magnesium by atomic absorption spectrophotometry

24. Determination of magnesium by complexometry

25. Determination of sulphates

26. Determination of the sodium extracted"