



**Ministerial resolution number (476) of the year 2007
Concerning by-law of AGCC fertilizers and agricultural soil
conditioners law**

**Chapter one
General definitions and provisions**

Article (1)

In implementation of the provisions herein the following words and expressions shall have the same meaning ascribed thereto in the AGCC Fertilizers and Agricultural Soil conditioners law unless otherwise required for the context.

And the following words and expressions shall have the meaning as ascribed thereto :

State : United Arab Emirates.

Ministry : Ministry of Environment and Water.

Minister : Minister of Environment and Water.

Undersecretary : Undersecretary of the Ministry of Environment and Water.

Competent Department : Agricultural Affairs Sector in the Ministry or any regulatory unit emerging there from.

Competent Authority : The Authority in-charge of the production, manufacturing and trading fertilizers and plant conditioners in each Emirate.

Trading : Offer for sale, sale or storage for sale or transportation by any means of transport.

Article (2)

It is impermissible to import , export , produce , manufacture trade or advertise for promotion of fertilizers and conditioners of agricultural soil when they are not in comply with the provisions herein and after registration and obtaining a license from the competent Department following a coordination with the relevant authorities, provided that such registration shall be renewed every five years.

Article (3)

No Authority may release the imported fertilizers and agricultural soil conditioners without approval from the competent Department.



Article (4)

The employees of the Ministry and the competent authority are entitled to have access to the farms and places of producing , manufacturing , trading and storing fertilizers and agricultural soil conditioners in order to take samples there from and make sure they are in conformity with the specifications and conditions provided for herein and not causing harm to human health and animal or contamination to the agricultural soil, surface water or ground water and environment in general. Upon detection of any kind of violations being provided for in the law or regulations the employee - holding the judicial enforcement capacity - will make a report of the violation and take all the necessary regulatory (legal) actions , or notify one of the employees who holds the judicial enforcement capacity.

Chapter two

Fertilizers and agricultural soil conditioners and their specifications

Article(5)

Types of fertilizers and agricultural soil conditioners :

First : Chemical fertilizers include:

- 1- Simple mineral fertilizers :** Any chemical compounds manufactured or found naturally including one nutritional element which the plant needs for its growth such as : N , P , and K fertilizers and the fertilizers of trace elements .
- 2- mineral compound fertilizers:** Any chemical compounds manufactured or found naturally including one nutritional element for its growth and natural development.

Second: Organic fertilizers

Any wastes of plant , animal or mixture there from containing nutritional elements for the plants and improving the soil fertility condition.

Third : Soil conditioners :

Any materials that reclaim soil , improve its properties and increase its productivity including micro living organisms .



Article(6)

Conditions and specifications of producing , manufacturing , importing or trading with fertilizers and agricultural soil conditioners

First : Mineral fertilizers :

- a) Fertilizers of inorganic essential elements : They are inorganic fertilizers containing essential nutritional elements which include :
- 1) Fertilizers of inorganic essential elements (solid) , which include

1-a) Fertilizers of inorganic simple essential elements : They are inorganic fertilizers containing only one essential element from the following essential elements :

1-a-1) N fertilizers

1-a-1-1) Urea

- Biorite rate shall not exceed 1%
- Minimum total Nitrogen soluble in water shall be 46%
- Obtaining approval of the Ministry of Interior in case of importation , or production and trading.

1-a-1-2) Ammonium Nitrate : The total Nitrogen soluble in water shall not be less than 33% provided that half of such rate will be in the form(NH₄) .

- Obtaining the approval of the Ministry of Interior in case of importation or production and trading.

1-a-1-3) Nitro Urea:

- Obtaining the approval of the Ministry of Interior in case of importation or production and trading.

1-a-1-4) Urea Nitrate :

- Obtaining the approval of the Ministry of Interior in case of importation or production and trading.

1-a-1-5) Ammonia

Minimum Nitrogen rate 82%

- Obtaining the approval of the Ministry of Interior in case of importation or production and trading.

1-a-2) Phosphate fertilizers :

1-a-2-1) Single super phosphate

- Minimum rate of soluble P₂O₅ in water 18%
- Maximum humidity rate 1%
- It shall not be in the solidified , clumped and blocked form and it is preferable to be in the granule form .

1-a-2-2) Tri – super phosphate (TSP) :



- The minimum rate of the soluble Phosphate (P2O5) in water is 42%
 - The maximum rate of humidity is 4%
 - The fertilizer will be in the granule form in such a way that 95% of the granules go through a sieve of a (5) mm mesh – size .
- The fertilizer will not be in the solidified, clumped or blocked form.

1-H-2-3) Phosphate rock (Raw Phosphate)

- Minimum rate of P2O5 32%
- (It shall be in its complete natural and chemical specifications and content of the specified nutritional elements).

1-b) Fertilizers of inorganic compound macro elements:

They are compositions that contain more than one element of the macro nutritional elements and cover :

1-b-1) Fertilizers of macro elements (NPK) that contain elements of Nitrogen , phosphat and Potash .

1-b-2) Fertilizers of macro elements (NP) that contain elements of Nitrogen and phosphat.

1-b-3) Fertilizers of macro elements (NK) that contain elements of Nitrogen and Potassium K .

1-b-4) Fertilizers of macro elements (PK) that contain elements of phosphor and Potassium K.

(They shall be of homogenous composition , congruency between the rate of elements that compose them and those proclaimed elements and complete solubility in water in case of being soluble fertilizers).

Urea Phosphate :

- Minimum rate of soluble Nitrogen in water is 17%
- Minimum rate of soluble P2O5 in water is 44% .

Di-Ammonium phosphate (DAP) :

- Minimum rate of soluble P2O5 in water is 41% .
- Minimum rate of soluble P2O5 in Citric Acid is 46% .
- Minimum rate of soluble Nitrogen in water is 18% .
- The fertilizer will be in the form of granules ranging between (1-3) mm in size.
- Obtaining the approval of the Ministry of Interior in case of importation or production and trading.

Mono Ammonium Phosphate (MAP) :

- Minimum rate of soluble P2O5 in water 48%
- Minimum rate of soluble Nitrogen in water 11%
- Obtaining the approval of the Ministry of Interior in case of importation or production and trading.



Mono Potassium Phosphate (MKP) :

- Minimum rate of soluble Phosphate (P₂O₅) in water is 52%.
- Minimum rate of soluble Potash(K₂O) in water 34% .

Potassium Nitrate :

- Minimum rate of soluble Nitrogen in water is 13%.
- Minimum rate of soluble Potash(K₂O) in water is 46%.
- Obtaining the approval of the Ministry of Interior in case of importation or production and trading.

1-c) Inorganic fertilizers of macro and secondary elements :

They are fertilizer compositions containing one macro nutritional element and another secondary one, Ammonium Sulphate . They include :

- Minimum rate of total soluble Nitrogen in water is 20% and all of them are in the form of Ammonia .
- Minimum rate of sulfur (S) is 24% .
- Obtaining the approval of the Ministry of Interior in case of importation or production and trading.

1-c-2): Sodium Nitrate

- - Minimum rate of soluble Nitrogen in water is 16%.
- Obtaining the approval of the Ministry of Interior in case of importation or production and trading.

1-c-3) Sodium Nitrite :

- - Minimum rate of soluble Nitrogen in water is 20%.
- Obtaining the approval of the Ministry of Interior in case of importation or production and trading.

1-c-4) Potassium Sulphate :

- Minimum rate of soluble Potash (K₂O) in water is 50%
- Maximum humidity rate 0.5%
- Maximum chlorine rate in the fertilizer 2%.
- Minimum Sulfur (S) rate 17%.
- Obtaining the approval of the Ministry of Interior in case of importation or production and trading.

1-c-5) Potash chloride :

- - Minimum rate of Potash(K₂O) 60%.



- **Maximum humidity rate 1% .**
(It shall be in its complete natural and chemical specifications and content of the specified nutritional elements).

2) **Fertilizers of inorganic essential elements (Liquefied colloid or in a paste form) . They include :**

2-a) **Fertilizers of inorganic simple essential elements :**

They are inorganic fertilizers containing only one essential element and cover :

Nitrogenous , Phosphatic and potassic fertilizers shall be of homogenous composition , ratio between the rate of elements that compose them and those proclaimed elements) .

2-b) **Inorganic fertilizers of compound essential elements :**

- They are inorganic fertilizers containing more than one element of the essential nutritional elements and shall be of homogenous composition , congruency between the rate of elements that compose them and those proclaimed elements) .

b) **Fertilizers of inorganic secondary elements:**

They are inorganic fertilizers containing only one or more element of the secondary nutritional elements and they are :

b-1) **Calcium fertilizers :**

a) **Calcium Nitrate :**

- **Minimum rate of Calcium(CaO) in water 19% .**

- **Minimum rate of soluble Nitrogen in water 15%.**

- **Obtaining the approval of the Ministry of Interior in case of importation or production and trading.**

b) **Calcium Sulphate**

The rate of soluble calcium CaO in water 27-29%.

c) **Calcium Chloride :**

The rate of soluble calcium CaO in water 36%.

d. **Calcium Chelates : Minimum rate of Calcium 10% .**

b-2) **Magnesium fertilizers :**

a. **Magnesium Nitrate:**

- **Minimum rate of soluble Magnesium (MgO) in water 15%.**

- **Minimum rate of soluble Nitrogen in water 11%.**

- **Obtaining the approval of the Ministry of Interior in case of importation or production and trading.**

b) **Magnesium Sulphate :**



- Minimum rate of soluble Magnesium (MgO) in water 16%.

c-Magnesium Chloride

- Minimum rate of soluble Magnesium (MgO) in water 25%.

d) Magnesium Chelates :

- Minimum rate of soluble Magnesium (MgO) in water 6%.

b-3) Sulfur fertilizers :

- Sulfur is a secondary nutritional element used as a free element or through the fertilizers that contain naturally this element.

d) Fertilizers of inorganic trace elements :

They are fertilizers containing one or more elements and are either in the solid or liquid form ;

c-1) Fertilizers of trace elements in a chelate form and cover
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a) Fertilizers of simple minor elements

They are fertilizers containing only one element of the trace elements (Iron , Zinc , Copper , Manganese , Boron , molybdenum etc) .

b) Fertilizers of compound minor elements:

They are fertilizers containing more than one trace element. (when imported and in case of fertilizers of trace elements (simple) the minimum rate of the element shall be 5% for each fertilizer separately. But in case of fertilizers of trace elements (Compound) it is required that their minimum content of the elements be 10%).

c-2) Fertilizers of trace elements from sulphate origin which include :

a) Fertilizers of simple trace elements:

They are fertilizers containing only one minor element.

(They will be in their complete natural and chemical specifications and content from the specified nutritional elements) .

b) Fertilizers of compound trace elements:

They are fertilizers containing more than one nutritional element from the minor elements.

d) Fertilizers of indoor plants :

1- Their maximum total content of the nutritional elements is 16% (either simple or compound)

2- They will be homogenous whether liquid or solid , and the rates of the elements composing them conform with the rate of the proclaimed elements provided that the expression (Special for indoor plants) shall be written on the package .

3-In case of solid fertilizers , its required to be of complete solubility in water 100%.



Second : Organic fertilizers :

They are fertilizers made of wastes of plants , and animals or mixture there from . They include :

a) Solid organic fertilizers cover :

1) Normal organic fertilizers(powder/granule) :

They are required to meet the following specifications :

- The fertilizer will be completely decomposed , soft, homogenous , free from blocks and thermally processed.
- It will be not mixed with soil or sand and free from bad smells.
- It will be free from seeds of weeds , viruses , bacteria , fungus , nematodes , harmful insect and animal pests .
- It will be free from toxic heavy elements such as (Arsenic , Cadmium , Chrome , Copper , Cillennium , lead , Mercury , Nickel , Zinc , molpdenm , ... etc) or their content of such elements shall not exceed the allowed limits shown in the following table :

element	Maximum allowed limit(PPM)	Element	Maximum allowed limit(PPM)
Arsenic	15	Lead	120
Cadmium	3	Mercury	1,5
Chrome	100	Nickel	50
Copper	150	Zinc	350
Cillennium	4	molpdenm	18

- The minimum organic matter content in the imported organic fertilizer will be 50% and 40% in the locally processed organic fertilizer.
- The Maximum electric conductivity (EC) degree of the fertilizer will be 10 m.mohs/cm in an extract of 1:5 .
- The maximum Hydrogen number (PH) will be 7.5 in an extract1:5
- The maximum humidity rate will be 25% .
- The maximum ratio of Carbon to Nitrogen (C/N ratio) will be 20:1
- The additives will be made clear on the packaging and in case Urea is added , Biorite maximum rate will 0.5 % of the weight therein.
- Sodium Chloride maximum rate in the organic fertilizer whether imported or locally processed will be 2% and the soluble Sodium maximum rate 0.8% .
- The fertilizer packaging will be 25 Kg. , closed tightly and too strong to withstand trading .



- The type of the fertilizer , trade name , factory name (in case the product is local) and the other product - related information will be made clear on the packaging .
- It will be free from radiation the maximum weight of which will be 300 Becquerel / Kg.

2) Bio Organic fertilizers :

The following specifications are required to be fulfilled :

- The maximum humidity rate will be 30% .
- There will be mentioned in the certificate of analysis the names and concentrations of the microbic additives .
- This is besides fulfilling the other conditions mentioned in paragraph (a) on the ordinary organic fertilizers (In case the micro organisms are loaded on the organic material) .

3) The fertilizers of which Humic Acid or Vulvic or both are the main components :

- The minimum rate of the acids mentioned together or individually will be 60%.

4) Seaweed fertilizers , Fish fertilizers , Blood and Bone fertilizers and any other similar types:

Specifications	Seaweeds	Dried blood fertilizer	Bone powder fertilizer	Fertilizer of abattoir wastes	Fish waste fertilizer
Maximum humidity	12%	12%	12%	12%	12%
Maximum total Nitrogen	-	8%	1.5%	5.5%	5%
Minimum total phosphore	-	-	27%	0.5%	12%
Minimum organic material	50%	70%	2%	55%	30%

5-Fertilizers of cities wastes and sewage sludge :

It impermissible to import fertilizers of cities wastes and sewage sludge or any organic fertilizers containing any of the mentioned wastes , and paragraph (5) concerns only plants designed for treating cities wastes and sewage sludge and belongs to municipalities in the country .

They are required to satisfy the following specifications :

- Their content of the toxic heavy elements such as (Arsenic , Cadmium , Chrome , Copper , Cillennium , lead , Mercury , Nickel , Zinc ,



molpdenm , ... etc) shall not exceed the allowed limits mentioned in the following table :

element	Maximum allowed limit(PPM)	Element	Maximum allowed limit(PPM)
Arsenic	20	Lead	200
Cadmium	20	Mercury	10
Chrome	200	Nickel	200
Copper	100	Zinc	200
Cillennium	50	molpdenm	20

It is not allowed to apply the decomposed fertilizers resulting from the sewage sludge to the soils in which its content of one or more of the heavy elements exceeds the allowed limits appearing in the following table :

element	Maximum allowed limit(PPM)	Element	Maximum allowed limit(PPM)
Arsenic	4	Lead	30
Cadmium	2	Mercury	1
Chrome	100	Nickel	50
Copper	100	Zinc	150
Cillennium	5	molpdenm	3

- It is not allowed to disseminate or mix the decomposed organic fertilizer resulting from the sewage sludge with soil on cultivating fresh eating crops .
- They will be free from radiation or the weight of which shall no exceed 300 Becquerel / Kg.
- The product will be brown to black in colour and 95% of it will go through a sieve , the diameter of its mesh is (12) mm .
- Free from bad smells .
- Free from weed seeds or parts of viable plants .
- Minimum organic material content will be 50%(weight/weight)
- Maximum Carbon to Nitrogen ratio will be 25:1
- Maximum Hydrogen number will be (PH) 7.5



- Showing the origin of the nutrient elements in the product (organic or mineral) .
- The maximum humidity content of the product will be 25% (weight/weight).
- The maximum electric conductivity of the saturated paste of the product will be 10 mm/cm .
- The maximum content of the product from the colon microbes group (coliform) will be (10) cells , pathogenic colon microbes (1) cell , Salmonella bacteria (1) cell , scares eggs (1) egg in one gram of the dried material , this is besides detecting other pathogen , if any exists.

It is preferable not to use sewage sludge fertilizers in the agricultural fields with regard to all the crops , fruit trees , parks and public and private gardens).

b) Liquid organic fertilizers :

1- Fertilizers in which the organic material is the essential constituent :

- The minimum organic material rate will be 50% of the wet weight (w/w).

2- Fertilizers in which Humic Acid or Vulvic or both are the essential constituents :

- The minimum rate of the acids mentioned together or individually will be 25% of the wet weight (w/w) .

3- Fertilizers containing organic material + NPK + organic acids (Humic Acid or Vulvic) + trace elements ...etc:

- Their minimum content of the above mentioned constituents will be 50% of the wet weight (w/w) .

4) Seaweed fertilizers , Fish fertilizers Blood and Bone fertilizers and any other similar types :

- Their minimum content of the organic material and the nutrient elements will be 25% of the wet weight(w/w) .

Third : Soil conditioners :

They are processed or natural materials added to soil to improve its physical , chemical and biological properties . They include :

a) Organic conditioners(solid/liquid) :

They are required to fulfill the following specifications :

- 1- They will be completely decomposed and free from natural soil and bad smells .
- 2- The minimum organic material rate will be 90% of the dry weight and cover (Peat, peatmos , coco pit and the agri-processed soil.....etc) .
- 3- The maximum Hydrogen number(PH) will be 7 in an extract of (1:5) .
- 4- The maximum electric conductivity (EC) will be 10 mm/cm in an extract of (1:5) .



- 5- The maximum humidity rate will be 65% with regard to the agricultural soil and 45% in case of peat ,peatmos , coco pit and the biological conditioner.....etc).
- 6- The maximum Sodium Chloride rate will be 1% and soluble Sodium 0.5% .
- 7- The maximum Carbon to Nitrogen (C/N) ratio will be 35/1 .
- 8- They will be free from diseases , agricultural and animal pests and harmful nematodes .
- 9- In case of bacterial vaccines , it is required to mention the species of bacteria and strains and concentrations thereof in gr/cm³ of the product , this applies to the other useful living organisms other than bacteria.

b) Inorganic conditioners(solid/liquid):

To be accompanied with the analysis certificate , technical bulletin , chemical symbol , active material and its rate (if any) and the type of soil it suits and covers:

1- Agricultural Gypsum:

- The minimum calcium sulphate will be 80% and the maximum Sodium Chloride rate 3% .

2- Agricultural Sulfur :

- Minimum Sulfur rate will be 85% .
 - o Obtaining the approval of the Ministry of Interior in case of importation or production and trading.

3- Polymer (Hydrogel) :

-The water saturation capacity will be made clear (WHC) .

4- Sand :

May be used to improve the clay soil properties.

- The maximum salinity rate will be 4 mm/cm and the Calcium Carbonate 10% .

4- Pentonite (or any type of other clay metals)

It may be applied to the sandy and gypsum soil to improve its properties .

- The maximum Sodium Chloride rate in it will be 2%.

5- Chemical acids(such as Sulfuric acid , Phosphoric Acid , Nitric Acidetc.) .

They may be used to improve and reclaim saline , alkaline and calcareous soils ; more over ,part of them are used as a source of phosphor and Nitrogen.

- o - Obtaining the approval of the Ministry of Interior in case of importation or production and trading.

- Clay soil:

It is used to improve sandy and gypsum soils .



- The maximum salinity (EC) will be 4 mm/cm (for an extract of saturated paste) and the maximum Calcium Carbonate 10% .
(It is not allowed to import natural soil into the country).

8) Agricultural Perlite :

The minimum water saturation capacity of it is required to be 300% .

Article (7)

Without prejudice of the conditions stated in article (6) , (second paragraph) , the solid organic fertilizers shall satisfy the special conditions of each type according to the following :

- 1- Fertilizers of cow , sheep and equines farms waste and a mixture there from :

Components	First degree	Second degree	Third degree
Maximum humidity	20%	20%	20%
Minimum organic material	50%	40%	30%
Maximum total Nitrogen	0.7%	0.5%	0.3%
Maximum Sodium Chloride	1%	1.5%	2%
Maximum Hydrogen number in an extract 1:5(fertilizer: water)	7.5	7.5	7.5

Components	First degree	Second degree	Third degree
Maximum humidity	20%	20%	20%
Minimum organic material	60%	50%	40%
Minimum total Nitrogen	1.5%	1%	0.5%
Minimum total phosphor	6%	5.5%	5%
Maximum Hydrogen number in an extract 1:5(fertilizer: water)	7.5	7.5	7.5

Article (8)

Conditions of using fertilizers imported by approval of the Ministry of Interior .



- 1- Using single fertilizers imported by approval of the Ministry of Interior as raw materials for the preparation of compound fertilizers in the chemical fertilizer plants or as complementary fertilizers.
- 2- The importer shall notify the Ministry of the importation - authorized quantities actually coming into the company , institute or plant .
- 3- The country's fertilizers plants committee will inspect the materials supplied to the company, institute and plant and the nature of storing thereof.
- 4- Informing the Ministry of the parties having been given the processed compound fertilizers of single fertilizers or the single fertilizers themselves and their quantities , whether these parties are local or foreign .

- 5- Keeping a record showing the quantities of the single fertilizers used for the preparation of compound fertilizers and the marketed quantities of single fertilizers and their trade movement and informing periodically the Ministry of their data.

Article (9)

Fertilizers packaging and soil conditioners are required to fulfill the following specifications and conditions :

- 1) The simple and compound chemical fertilizers will be made from poly propylene with liner from poly ethylene or one slice of reinforced poly ethylene and processed to be anti- ultra violet (UV) impact.

The following data will be stucked on the packaging :

- Name of product and origin
- Trade name and its trade mark
- Nature of fertilizer or chemical compound
- Percentage of fertilizer components
- Packaging net weight
- Product validity period and batch number
- Small sticker showing methodology of utilization of liquid fertilizers and trace elements.



All the data on the packaging shall be written in Arabic language and in clear and non-erasable writing.

- 2) **The packaging will be tightly closed**
- 3) **The packaging will be in case of foliage fertilizers non-rusting and non corrosive under action of the materials composing the fertilizer , opaque to light and have written on them (special for indoor plants) .**
- 4) **The weight of the packaging will be as following :**
 - a- **50 Kg for Urea fertilizer, Ammonium Sulphate , Potassium and granule compound fertilizers.**
 - b- **From 20 – 25 Kg/ for kinds of liquid fertilizers and fertilizers of trace elements .**
 - c- **One Kg/ L for packaging of foliage fertilizers and some fertilizers of trace elements.**
 - d- **A small sticker will be put on the packaging showing methodology of utilization.**

Chapter three

Licensing procedures conditions of producing and processing fertilizers and soil conditioners :

Article (10)

It is impermissible to produce or process fertilizers and soil conditioners unless after obtaining a license thereto from the competent department and after coordination with the relevant authorities.

Article (11)

To grant license for producing or manufacturing fertilizers and soil conditioners, it is required to submit the following documents :

- 1- **Form application made for such purpose**



- 2- Approved geometrical design of the plant or production place
- 3- Photocopy of an approval by the relevant authorities for producing or processing fertilizers and soil conditioners

Article (12)

The factory administration shall allocate a record to enter the quality, quantities and date of processing of the product , trade movement and names of buyers and keep it for a five – year – period as from the date of closing thereof . It shall also present the record to the employees of the competent authority upon request.

Chapter four Specifications of fertilizers packaging and soil conditioners

Packaging of simple and compound fertilizers and packaging of soil conditioners shall meet the following specifications :

First : Packaging of simple and compound fertilizers :

- 1- They will be made from polypropylene with a lining of poly ethylene , treated against Ultra Violet rays and closed tightly.
- 2- The packaging weight of the simple Nitrogenous , phosphate and Potassium fertilizers will be 50 Kg.

The packaging weight of the compound Nitrogenous , phosphate and Potassium fertilizers will be from 20 to 50 Kg.

- 3- In case of trace element fertilizers , the packaging will be non – corrosive , opaque and 1 Kg. or 1 liter in weight.
- 4- They will be closed tightly.

Second : Soil conditioner packaging :

- 1- The weight of the soil conditioner packaging (Living micro organisms) will be less than or equal to 1000 gr.
- 2- It will be made from poly propylene .
- 3- It will be closed tightly.

Article (14)

There shall be written on packaging of chemical fertilizers and soil conditioners the following data in Arabic and English :

- 1- Name of manufacturer
- 2- Name of the product



- 3- The trade name and its trade mark.
- 4- Constituents proportion
- 5- Quantity by weight or volume
- 6- Date of production and filling
- 7- Expiry date
- 8- Method of use

Chapter Five Import and export of fertilizers and soil conditioners

Article (15)

Whoever desires to import or export of fertilizers and soil conditioners shall apply to the competent authority an application to obtain an license of import or export showing the following data :

- 1- Name and address of the producing company
- 2- Name of the import or export company
- 3- The general name and the trade name
- 4- Product constituents ratios
- 5- Methodology of use , rates and intervals of applications to the different crops
- 6- Ability of the product to mixing and blending with other compounds used in cultivation
- 7- Production Date and expiry date
- 8- Quantity by weight or volume.
- 9- Entry point

Article (16)

The applicant shall attach with the application (5) five samples (One kilogram or one Liter of each sample) closed and sealed with the producing or importing company's stamp and approval will be granted to the types which are in comply with the conditions and specifications stipulated in the second chapter herein provided that the approval will apply for a period of (6 months) with effect as from the date of obtaining thereof.

Article (17)

The application for obtaining the import license of fertilizers and soil conditioners will be submitted (15) Fifteen days prior to freighting the consignment from the country of origin.



Article (18)

The importer shall submit the following documents for the plant quarantine before the consignment arrival:

- 1- Phytosanitary certificate from the competent authorities in the country of origin showing that the consignment is free from seeds of weeds ,harmful grasses , bacterium , viruses , Nematodes and harmful pests of plants and animals and free from city waste fertilizers and sewage sludge .
- 2- Laboratory analysis certificate from an accredited laboratory showing the constituents of the consignment intended for release , radiation rate if the need may arise and also the toxic heavy elements.

Article (19)

The license of import or export will be deemed null after one (month) of the issuing date once the licensee didn't initiate any procedure during the license validity period.

Article (20)

The importing and exporting companies shall abide by the protective , industrial , storing and environmental conditions observed in the country.

Chapter six

Trade conditions of fertilizers and soil conditioners

Article (21)

The following conditions are required to grant a license to engage in trading fertilizers and soil conditioners :

- 1- Submitting to the competent department an application attached with the approval of the related authorities , photocopy of the property title deed or valid tenant contract.
- 2- Allocating an independent trading section in the shop of trading plant production inputs.
- 3- The stores of fertilizers and soil conditioners will be shaded ,well aerated and equipped with the required safety devices.



- 4- The shop intended for trading fertilizers and soil conditioners will meet the conditions of commercial and industrial shops observed in the country.

Article (22)

The licensee for trading fertilizers and soil conditioners shall keep a record for entering the trading movement and the name and address of the buyer provided that the shop shall keep the record for a five – year - period as from the date of closing thereof.

Article (23)

Preserving and storing fertilizers and soil conditioners will be in the original packagings which will not be opened , fragmented or refilled.

Article (24)

It is impermissible to assign the license for a third party unless by approval of the competent authority.

Article (25)

Whoever engaged in trading fertilizers and soil conditioners is required to be a specialist or have a good experience in the field of fertilizers and soil conditioners.

Chapter seven

Conditions and procedures of advertising fertilizers and soil conditioners

Article (26)

Whoever desires to advertise any fertilizers and soil conditioners shall submit an application to the competent department to obtain a license thereat attached with a technical bulletin containing the following :

- 1- Name of producer and place of production
- 2- Trade name and trade mark



- 3- Constituents percentage
- 4- Net weight of the package
- 5- Product registration certificate

In case of living micro organisms , , the following data shall be made available :

- 1- There will be written the scientific name along with the strain and public name and its relation with the other strains.
- 2- Degree and form existed in nature
- 3- Method of storage , validity period and how vital it is .
- 4- Nature and specifications of the carrying material.
- 5- Morphological specifications

The date shall be written clearly in the two languages , Arabic and English.

Chapter eight

Conditions and procedures of examining and analyzing fertilizers and soil conditioners

Article (27)

- 1- The competent authority shall take samples from fertilizers and soil conditioners on importation and arrival of the importer to the inlets of the country and on entering farms and places of storage , production , processing and trading to be sure of the natural properties ,the percentage rates of the elements constituting thereof and their congruency with the data listed in the certificate of registration as well as with the Conditions and specifications of fertilizers and soil conditioners specified hereby.
- 2- In case of failing to measure some of the elements or compounds in the product in the laboratories of the country , it is required in such case a certificate of analysis from a neutral and internationally approved laboratory in the country of origin or any other country and certified from the country's embassy in that country or from the embassy of any of the GCC countries in the event an embassy of the country doesn't exist in that country.



Article (28)

The samples of test will be taken from each type of the fertilizers and soil conditioners according to the following :

- 1- Liquefiable fertilizers : To take a sample , a metallic probe , 60 cm. will be used by opening one end of the packaging.
- 2- Non – liquefiable fertilizers : A probe is used to take a sample by inserting it into four sides at the maximum ; and samples are taken in the following rates:

Number of packagings	Proportion taken from the total number
Not exceeding 5	Samples are taken from all of them
From 6-20	A sample is taken at 40% from them provided that the minimum number of sampled packagings is 6 .
From 21-200	A sample is taken at 20% from them provided that the minimum number of sampled packagings is 8 .
201-400	A sample is taken at 10% from them provided that the minimum number of sampled packagings is 10 .
From 401-600	A sample is taken at 5% from them provided that the minimum number of sampled packagings is 15 .
From 601-800	A sample is taken at 4 % from them provided that the minimum number of sampled packagings is 25 .
From 801- and more	A sample is taken at 3% from them provided that the minimum number of sampled packagings is 40 .

Second : Organic fertilizers and soil conditioners :

- 1- Bagged organic fertilizers and soil conditioners

Number of bags	Rate taken from the total number
Per thousand bag	One bag will be taken

- 2- Organic fertilizers and soil conditioners in bulk

(Parts are taken (a half kilo) from the total weight of the consignment according to the following :

Weight	Proportion taken from the total weight
Not exceeding one ton	25 parts
Not exceeding one ton –two tones	30 parts
Not exceeding two tones-5 tones	35 parts
Not exceeding 5 tones – 10 tones	40 parts



Not exceeding 10 tones – 25 tones	45 parts
Not exceeding 25 tones – 50 tones	50 parts
Not exceeding 50 tones – 100 tones	60 parts
Not exceeding 100 tones - and more	Two parts are taken from each (10) tones or a fraction there from

3- Liquid organic fertilizers and soil conditioners

The sample will be taken in litter as following :

Weight	Proportion taken from the total weight
Maximum 100 L	10%
More than 100 to 200	7%
More than 200 to 400	5%
More than 400 to 600	4%
More than 600 to 1000	3%
More than 1000	2% on condition to be not less than 35 samples

Article (29)

Taken samples will be treated as following :

- 1- The samples will be mixed well until becoming homogenous from which four samples ranging between (200-300) grams of each sample are taken and on each sample a card is put showing the name and composition of the material , the date of sampling , the quantity it represents , name and signature of sample-taker and the concerned person or whoever represents him ; and it will be kept safely.
- 2- One sample will be kept with the plant quarantine and another with the concerned person and two samples will be sent to the specialized laboratories of the Ministry for analysis within (24) hours to analyze one of them in order to clear out the natural properties and percentage rates of the constituents by using the international standard methods and match them with the declared ones . the other sample will be kept in the laboratory to refer to it on having the proponent discrediting the laboratory results .

Article (30)

The competent department is entitled – if the need may arise – to experiment any new fertilizer or soil conditioner for a period it deems suitable before registration.



Chapter nine

Conditions and procedures of reanalysis in case of objection to the results

Article (21)

The concerned person is entitled to complain in writing to the competent department about the result of analysis demanding reanalysis during (15) days of his knowledge of the first result ; otherwise , he will lose his right of grievance . Attached with grievance must be the certificate of analysis and the sample kept with him.

Article (32)

The competent authority will form a committee for reanalysis , and the complainant is entitled to attend the reanalysis process.

Article (33)

The committee will examine the sample kept with the Ministry's laboratory and the one with the complainant and prove that in a formal record.

Article (34)

The analysis will be repeated in the same way followed in the first analysis of the sample presented by the complainant and if the results are congruent , the result will be deemed final and if they are different , an analysis will be made on the sample kept with the Ministry's laboratory and the result will be final.

Article (35)

- 1- The result will be accepted in the limit $\pm 5\%$ of what proclaimed in case of the chemical fertilizers.
- 2- The result will be accepted in the limit $\pm 10\%$ of what proclaimed in case of the organic fertilizers , soil conditioners and putting soil .

Chapter ten

Record and registration

Article (36)

The competent department will prepare a special record to enter the individuals , the concerned institutes which produce , process , import and export fertilizers and soil conditioners , universities and research centres exempted from the provisions of the law of fertilizers and soil conditioners.



Chapter eleven Contraventions and disposing them Article (37)

The following practices are considered in violation of the provisions hereby.

- 1- Import or export of fertilizers and soil conditioners not in compliance with the conditions and specifications specified herein or without obtaining a license from the competent authority.
- 2- Advertising , producing , processing or trading fertilizers and soil conditioners without obtaining a license from the competent Department.
- 3- Changing , scratching , mutilating , or destructing the data on the packaging.
- 4- Opening the packaging for the purpose of refilling it without approval of the competent Department.

- 5- Advertising any fertilizers or soil conditioners in a misleading way.
- 6- Trading , producing or processing banned or expired fertilizers and soil conditioners .
- 7- Trading , producing or processing fertilizers and soil conditioners not in compliance with the conditions and specifications stipulated hereby.

Article (38)

In case of the contraventions stated in article (37) , the competent department is entitled to take the following :



- 1- The importer shall re-export the consignment within one week as from rejection thereof and if he fails to do so , the competent authority will dispose it on the expense of the importer and will take the necessary legal procedures stated in paragraph (1) .
- 2- Warning the breach in the first time , and once the violation is repeated twice consecutively , the necessary legal procedures stated in paragraph (2) will be taken.
- 3- Confiscating the fertilizers and soil conditioners along with a warning in the first time . And if the violation is repeated , the necessary legal procedures will be taken including closure of the establishment [paragraphs (3) (4) (5) (6) (7)] .

Chapter twelve

Fees

Article (39)

The due fees for applying the provisions of the AGCC law (system) of fertilizers and soil conditioners and its by-law will be determined by a ministerial decision according to a proposal of the competent department in the Ministry and in coordination with the concerned authorities.

Chapter thirteen

General provisions

Article (40)

Whoever affected by the provisions herein is entitled to complain by an official application to the Minister.

Article (40)

The Minister has the right to amend hereby as he sees it necessary for the public interest subject to the standards and requirements which the related international organizations have set.

Article (42)



Whoever violates the provisions of this resolution will expose himself to the punishments stated in the federal law number(39) of the year 1992 on producing ,importing and trading fertilizers and soil conditioners , and the federal law number (3) of the year 1987 by issuing the punishments law and the laws amending thereto.

Article (43)

This resolution will be enforced as from the date of its issuance and cancels all the previous decisions that are inconsistent with or contradicting it , and published in the official gazette.

**Dr. / Mohammed Saeed AlKindi
Minister of Environment and water**

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