



Organic Input List

List of approved fertilizers, soil conditioners and plant protection agents for the KSA

May 2013



INTRODUCTION

This list is elaborated for Saudi organic farmers. Overall goal is to support organic producers to make choice concerning the utilization of fertilizers, soil conditioners and plant protection agents. The list is published by the Department of Organic Agriculture in close collaboration with the GIZ Organic Farming Project. All inputs listed comply with the Saudi National Organic Regulation & Standards for Organic Agriculture. Farmers who wish to be granted the Saudi National Organic Logo should use products indicated in the present list.

The list will be updated and reviewed on a regular basis. For any updates please check the official webpage of the Department of Organic Agriculture.

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INFORMATION FOR FARMERS

The Organic Input List and its up-dated versions are also available online at:

- www.moa.gov.sa/organic/portal
- www.saudi-organic.org.sa
- www.sofa.org.sa

INFORMATION FOR TRADING & IMPORTING COMPANIES

According to the Saudi Organic Regulation & Standards all organic inputs have to be evaluated and approved exclusively by the Department of Organic Agriculture (DOA) before they can be placed on the market. Approved inputs may receive the Saudi National Organic Input Logo. The authorization process for organic inputs follows special guidelines.

Registration application forms are issued by the Department of Organic Agriculture. Completed application forms have to be submitted to the DOA.

- www.moa.gov.sa/organic/portal



Dear Organic Farmers

The following list contains all fertilizers, soil conditioners and plant protection agents, which have been approved by the Department of Organic Agriculture (DOA). The special requirements concerning the use of inputs must be respected. All inputs indicated in the input list have been evaluated. Based on the information submitted, the DOA has determined that each input is allowed for use in certified organic production under the Saudi Organic Regulation & Standards. Information in this list is supplied without warranty concerning their correctness. The DOA cannot be held responsible for the application of inputs.

Inputs that feature the official Saudi National Organic Input Logo are allowed for use on organic farms. The Logo is awarded by the DOA in coordination with the Saudi Organic Farming Association (SOFA).



National Organic Input Logo



National Organic Input Logo (b/w)

The input list is issued and published by the Department of Organic Agriculture. The list is based on the National Organic Regulation, as well as the National Organic Standards. The list is reviewed and up-dated on a regular basis.

The DOA has recognized the organic input list in the existing form. **The list is to be considered as official guideline for all organic farmers producing according to the Saudi Organic Regulation and Standards.**

There are inputs on the Saudi market, which have not yet been approved by the DOA, but are allowed in organic farming. If you plan to use any input (fertilizers, soil conditioners or plant protection agents), please first check the list for appropriate products. For the case you wish to use a product, which is not part of the current Organic Input List, please officially apply for registration at the DOA (see application form in annex 1). Please note that only the DOA can ensure compliance of any new input with the Saudi Organic Regulation and Standards.

Each input applied must be documented by the farm manager. Documents will be checked annually during farm inspection by an independent certification body.

Important amendments on the present Organic Input list are published on www.moa.gov.sa/organic/portal

Riyadh, May 2013

Department of Organic Agriculture

Principles of plant nutrition in organic farming

Organic farming practices should maintain and enhance natural soil fertility. Plants should be nourished primarily through the soil ecosystem. Wastes and by-products of plant and animal origin should be recycled for plant nutrition, while the use of off-farm inputs and non-renewable resources should be minimized. Only when these measures are insufficient, certain fertilizers may be applied.

Principles of plant protection in organic farming

Organic farming practices should be maintained by preventive measures, such as the choice of appropriate species and varieties resistant to pests and diseases, appropriate crop rotations, mechanical methods and the protection of natural enemies of pests. Only when these measures are insufficient, certain plant protection agents may be used. However, the choice of materials, which may be used, is strictly limited and the necessity has to be documented.

Acknowledgement

The Organic Input List has been compiled in the frame of the GIZ/MOA-Organic Farming Project.



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I. List of certified/approved organic inputs (commercial products)

The enlisted inputs are in compliance with the requirements of the National Organic Regulation and Standards and hence are approved for use in organic farming. However, the inclusion of inputs, which are permitted to be used in organic farming, must not be understood as a recommendation for application!

The list is classified according to the type of input:

1. Fertilizers
2. Soil Conditioners
3. Plant Protection Agents

1. Fertilizers

The following list contains all organic fertilizers, which have been authorized by the Department of Organic Agriculture.

Abbreviations used in the chapter Fertilizers:

B	Boron	Mn	Manganese
Ca	Calcium	Mg	Magnesium
CaCo3	Calcium Carbonate	Mo	Molybdenum
Cu	Copper	N	Nitrogen
CuSo4	Copper Sulfate	P	Phosphorus
Fe	Iron	Zn	Zinc
K	Potassium		

1. FERTILIZERS

NO.	PRODUCT	TRADING COMPANY	ACTIVE INGREDIENTS	USAGE INDICATION
1	Acadian	Asdco Development of Agric. Inputs	17% K, 2% P, 45% organic materials	Plant nutrition & compensation with K and P
2	Admiral Guano	Ibn Al Sheikh Agric. Est.	35% Ca, 25% P	Enhancer & Promoter
3	Al Reef Fertilizer	Al Reef Fertilizers Factory	2.3% -2.8% K, 0.75% P, 35%-45% organic matter, 1.5%-1.7% N	Improvement of soil characteristics & plant nutrition
4	Alginit	AssasiaNawa Est.	21 % organic matter, 0.5% Mg, 0.52% K, 0.2% P, 0.43% N, 31% CaCo3	Fertility agent
5	Amino Ca	Al Mahalliah Company Trading & Agriculture Co.Ltd.	Ca-amino acids, Boron	Ca / Boron / Amino Acids
6	Amino Cu	Al Mahalliah Company Trading & Agriculture Co.Ltd.	Cu-amino acids	Cu / S / Amino Acids
7	Amino Fe	Al Mahalliah Company Trading & Agriculture Co.Ltd.	Fe-amino acids	Fe Amino Acids
8	Amino Mn	Al Mahalliah Company Trading & Agriculture Co.Ltd.	Mn-amino acids	Mn Element / Amino Acids
9	Amino Multi Minerals	Al Mahalliah Company Trading & Agriculture Co.Ltd.	0.002% Mo, 0.004% B, 5% amino & organic acids, 0.3% Cu, 0.5% Mg	Compensation of trace elements deficiency
10	Amino Sar 24	Al Sakr Agric. Est.	24% amino acids, 2% N, 20% organic materials	Improvement of soil characteristics & plant nutrition
11	Amino Zinc	Al Mahalliah Company Trading & Agriculture Co.Ltd.	Zinc-amino acids	Zn / Amino Acids
12	Assas Al Mazrah Fertilizer	Al Safi Dairy Co.	46% organic matter, 0.5% - 1.0% Ca, 1.94% K, 203% P, 2.11% N	Improvement of soil characteristics & plant nutrition
13	Bio Force	Saudi United Fertilizer Company	21% amino acids, 69% organic materials	Improvement of soil characteristics & plant nutrition
14	Biotec Kolor	Agricultural Roots Est.	Potassium sulfate 25%	Provision of Potassium
15	Biotec Fe	Agricultural Roots Est.	6% Fe	Provision of Fe

1. FERTILIZERS

NO.	PRODUCT	TRADING COMPANY	ACTIVE INGREDIENTS	USAGE INDICATION
16	Di X 10	Basics for Agriculture Development and Trade Co., Ltd	72% organic materials, 10% N, 3% P, 3% K	Provision of Nitrogen, Phosphorus and Potassium
17	Epsotop	Asdco Development of Agric. Inputs	49% Mg Sulphate	Plant nutrition & compensation with Mg
18	Feldspar Raw	Mazen Mohamed Saeed Agric.	10% K	Provision of K
19	Guanito	Basics for Agriculture Development and Trade Co., Ltd	55% organic materials, 6% N 15% P, 3% K	Provision of Nitrogen, Phosphorus and Potassium
20	Hortisul	Asdco Development of Agric. Inputs	18% S, 50% K	Plant nutrition & compensation with S & K
21	Potassium Sulphate	Saudi United Fertilizer Company	50% K and 18% Sulfur	Provision of Sulfur and Potassium
22	Huminal	Al Yassin Agric. Company	11.5% free amino acids, 50% organic materials	Improvement of soil characteristics
23	Kelpak	Al Yassin Agric. Company	0.03% cytokinin, 11.4% auxins	Growth promoter for young plants & nurseries
24	Manvert Biosteren	El Emaar International	6% chelated Fe	Remedy for Fe deficiency in plant
25	Manvert Complex	Al Emaar International	Molybdenum traces, 0.1 % B, 0.1% Cu, 1.2% Zn, 1.2% Mn, 1.2% Fe, 3% Mg	Micro nutrients
26	Manvert FolioPlus	Al Emaar International	1.2% N, 7.1% amino acids	Plant nutrition
27	Maxi-Crop Concentrate	Agriculture Machinery & Materials Co.Lid	Concentrated seaweeds extract 24%	To promote root growth & chlorophyll production
28	Multimicro Fluid	Saudi United Fertilizer Company	7.1% S, 4.5% Mg, 0.013% Mo, 0.39% B, 0.66% Cu, 1.45% Zinc	Micro-nutrients
29	Neutral 14-5-5	Al Mahalliah Company Trading & Agriculture Co.Ltd.	1% Mg, 2% S, 4% humic & volvic acids, 14% K, 5% P, 5% N	Improving soil characteristics & provision of macro & micro nutrients
30	Neutral 2-2-9	Al Mahalliah Company Trading & Agriculture Co.Ltd.	1% Mg, 2% S, 4% humic & volvic, 2% K, 2% P, 9% N	Improving soil characteristics & provision of macro & micro nutrients

1. FERTILIZERS

NO.	PRODUCT	TRADING COMPANY	ACTIVE INGREDIENTS	USAGE INDICATION
31	Neutral 7-5-4	Basics for Agriculture Al Mahalliah Company Trading & Agriculture Co.Ltd.	55% organic materials, 6% 1% Mg, 2% S, 4% humic & volvic acids, 45% K, 5% P, 7% N	Improving soil characteristics & provision of macro & micro nutrients
32	Neutral 5-12-4	Al Mahalliah Company Trading & Agriculture Co.Ltd.	1% Mg, 2% S, 4% humic & volvic, 5% K, 12% P, 4% N	Improving soil characteristics & provision of macro & micro nutrients
33	Patron	Al Sakr Agric. Est.	2% Fe, 48% organic materials	Improvement of soil characteristics & plant nutrition
34	Phosphate Raw	Mazen Mohamed Al Saeed Agric.	6% P, 4% K, Mn, Cu	Promoter
35	Probion Beri - V	Advanced OssosAgr. Est.	6% P, 4% K, Mn, Cu	Enhancer & Promoter
36	Probion Set	Advanced OssosAgr. Est.	5.9% K, 3.3% P, 1.4 % N, 6% amino acids	Enhancer & Promoter
37	Probion X Full	Advanced OssosAgr. Est.	2% amino acids, 8 %K	Enhancer & Promoter
38	Protein Organic Fertilizer	Proteina Co.	30% organic matter, 39% K, 0.91% P, 2.07% N	Soil fertility
39	Raw Phosphate	Al Mahalliah Company Trading & Agriculture Co.Ltd.	41% Ca, 24% P	Enhancer & Promoter
40	Redimail	Al Sakr Agric. Est	1% Z, 1% Mn, 10% organic materials	Improvement of soil characteristics & plant nutrition
41	Sergomeal 60	Al Sakr Agric. Est.	5.5% Cu	Plant nutrition
42	Shrunji Bioboost-N Liquid	Al Menef Company	5% macro & micro nutrients, (Azadirachtin), 5% humate, 4 % amino acids	Fertility agent & plant protection agent
43	Shrunji Bioboost-N Solid	Al Menef Company	5% macro & micro nutrients (Azadirachtin), 0.5% humate, 0.4% amino acids	Fertility agent & plant protection
44	Totalser	Al Sakr Agric. Est.	2% B, 30% organic materials	Improvement of soil characteristics & plant nutrition
45	Vit - Org	Advanced OssosAgr. Est.	18% C, 6% K, 3% N	Enhancer & Promoter

1. FERTILIZERS

NO.	PRODUCT	TRADING COMPANY	ACTIVE INGREDIENTS	USAGE INDICATION
46	Wadi Al Nakheel	Al Hofuf Stars Agri. Pesticide Est.	11.05% CaCo ₃ , 2.54% Ca, 0.81% K, 262mg/Kg P, 1.15% N	Improvement of soil characteristics

2. Soil Conditioners

This list includes all soil conditioners, which have been approved by the Department of Organic Agriculture.

2. SOIL CONDITIONERS

NO.	PRODUCT	TRADING COMPANY	ACTIVE INGREDIENTS	USAGE INDICATION
1	BioFert 2 Crops	Al Mahalliah Company Trading & Agriculture Co.Ltd.	Bacteria Azotobacter	Fixation of atmospheric N
2	BioFert 1 Legumes	Al Mahalliah Company Trading & Agriculture Co.Ltd.	Bacteria Rhizobium	Fixation of atmospheric N
3	BioPhos	Al Mahalliah Company Trading & Agriculture Co.Ltd.	Bacteria, Bacillus megatherm	P availability in the soil
4	BioPotas	Al Mahalliah Company Trading & Agriculture Co.Ltd.	Bacteria, Streptomyces	K availability in the soil
5	Manvert Mator	Al Emaar International	28% humic & volvic acids	Humic & volvic acids
6	Biowish Crop	International for Environmental Services	Bacteria, Bacillus subtilis + 3% N + 4% P + 6% humic acid	Soil conditioner
7	Humic Power	Al Mahalliah Company Trading & Agriculture Co.Ltd.	Humic & volvic acids, organic N, K, Fe, Zn, Cu	Humic & volvic acids
8	Manvert Terra	Al Emaar International	0.5% Z, 0.5% Mn, 2.2% Fe, 34% humic & volvic acids	Plant nutrition
9	Pearl Hummus	Al Yassin Agric. Company	45% humic acid, 5% folic acid	Improving soil characteristics and plant nutrition
10	Zander Mycorrhiza	Al Yassin Agric. Company	Mycorrhiza, Fungus	Improvement of soil fertility

3. Plant Protection Agents

This list includes all plant protection agents, which have been approved by the Department of Organic Agriculture. Only the enlisted organic agents may be exclusively used in organic farming.

3.PLANT PROTECTION AGENTS

NO.	PRODUCT	TRADING COMPANY	ACTIVE INGREDIENTS	USAGE INDICATION
1	Low Cup 6%	Al Mahalliah Company Trading & Agriculture Co.Ltd.	23.5% Cuso4, equal 6% mineral Cu	Control of fungal diseases
2	Nema Stop	Al Mahalliah Company Trading & Agriculture Co.Ltd.	Garlic-extract	Nematode control
3	Plant Guard	Al Mahalliah Company Trading & AgricultureCo.Ltd.	Fungus, Trichoder ahartzianum	Preventive & remedial against soil diseases, root rot, seedling die & wilting
4	Rhizo M	Al Mahalliah Company Trading & AgricultureCo.Ltd.	Bacteria Bacillus septils	Remedy of bio fungicide
5	Vegrad 0.5	Saudi United Fertilizer Company	0.5% Vision	Fungicide
6	Sophora	Saudi United Fertilizer Company	0.6% Matrine	Acaricide and insecticide

II. List of substances, authorized under the National Regulation and Standards for Organic Agriculture in KSA

The following list contains all on-farm fertilizers (e.g. farm manure), homemade botanical preparations and all fertilizers, soil conditioners and products for plant protection which comply with the specification 1 & 2 of the Saudi Technical Specifications for Good Practices in Organic Production.

Fertilizers and Soil Conditioners

NAME	DESCRIPTION COMPOSITIONAL REQUIREMENTS CONDITIONS FOR USE
Compound products or products containing only materials listed here under farmyard manure	<ul style="list-style-type: none"> ■ Product comprising a mixture of animal bedding, animal excrements and plant material ■ Need to be approved by the control body, if necessary ■ Coming from extensive husbandry
Dried farmyard manure and dehydrated poultry manure	<ul style="list-style-type: none"> ■ Need to be approved by the control body, if necessary ■ Coming from extensive husbandry
Composted animal excrements including poultry manure and composted farmyard manure included	<ul style="list-style-type: none"> ■ Need to be approved by the control body, if necessary ■ Referring to animal species ■ Residual intensive farming is forbidden
Liquid animal excrements (slurry, urine etc.)	<ul style="list-style-type: none"> ■ Use after controlled fermentation and/or appropriate dilution ■ Need to be approved by the control body, if necessary ■ Referring to animal species ■ Residual intensive farming is forbidden
Household waste	<p>Product obtained from source separated household waste, which has been submitted to composting or to anaerobic fermentation for biogas production.</p> <ul style="list-style-type: none"> ■ Only vegetable residues and domestic animals ■ The system of collecting garbage must be approved by control body ■ The produced fertilizer should contain not more than the following calculated in mg/kg of dry matter: 0,7 cadmium; 70 copper; 25 nickel; 45 lead; 200 zinc; 0,4 mercury; 70 (total) chromium provided chromium-6 = 0
Peat	<ul style="list-style-type: none"> ■ Free of processed substances. Only of natural origin ■ The use of this substance is limited to horticulture (gardens, the flower production, indoor plants and nurseries) ■ For other uses, must be approved by the control body, when necessary
Dejecta of worms (vermicomposting) and insects Clays (e.g. perlite, vermiculite, etc.)	
Mushroom culture wastes	The used mixture composition of the substrate must be limited to permitted substances of the present list

NAME	DESCRIPTION COMPOSITIONAL REQUIREMENTS CONDITIONS FOR USE
Guano (seabird waste)	Need to be approved by the control body, if necessary
Aerobic or anaerobic fermented mixture of plant material	<ul style="list-style-type: none"> ■ A substance is formed of a mixture of plant materials subjected to aerobic or anaerobic fermentation for biogas production. ■ Need to be approved by the control body, when necessary
Composted or fermented mixture of vegetable matter	Product obtained from mixtures of vegetable matter, which have been submitted to composting or to anaerobic fermentation for biogas production
Products or by-products of animal origin as below: blood meal or dried blood, hoof meal, horn meal, bone meal or de-gelatinized bone meal, fish meal, meat meal, feather, fur, hair, dairy products	<ul style="list-style-type: none"> ■ Need to be approved by the control body, when necessary ■ Maximum concentration in mg/kg of dry matter for Chromium-6 = 0
Products and by-products of plant origin (e.g. oilseed cake meal, cocoa husks, malt culms)	
Seaweeds and seaweed products	<p>As far as directly obtained by:</p> <ul style="list-style-type: none"> (i) Physical processes including dehydration, freezing and grinding (ii) Extraction with water or aqueous acid and/or alkaline solution (iii) Fermentation
Sawdust, wood chips and wood ash	Wood not chemically treated
Composted bark	Wood not chemically treated
Soft ground rock phosphate	Cadmium content less than or equal to 90 mg/kg of P ₂ O ₅
Aluminium-calcium phosphate	Cadmium content less than or equal to 90 mg/kg of P ₂ O ₅
Basic slag	Need to be approved by the control body, when necessary
Crude potassium salt (for instance: Kainit, sylvinit, etc.)	Need to be approved by the control body, when necessary
Potassium sulphate, possibly containing magnesium salt	<ul style="list-style-type: none"> ■ Product obtained from crude potassium salt by a physical extraction process, and contain possibly also magnesium salts ■ Need to be approved by the control body, when necessary
Distillation residues	Ammonium distilled residue is excluded
Calcium carbonate (chalk, marl, ground limestone, Breton ameliorant, maerl, phosphate chalk)	

NAME	DESCRIPTION COMPOSITIONAL REQUIREMENTS CONDITIONS FOR USE
Magnesium and calcium carbonate of natural origin (e.g. magnesium chalk, milled magnesium limestone etc.)	<ul style="list-style-type: none"> ■ Only of natural origin. ■ Need to be approved by the control body, when necessary
Magnesium sulphate (kieserite)	
Calcium chloride solution	<ul style="list-style-type: none"> ■ Foliar treatment of apple trees, after identification of deficit of calcium ■ Need to be approved by the control body
Calcium sulphate (gypsum)	Only of natural origin
Produced lime from sugar production	Need to be approved by the control body, if necessary
Pure sulphur	Need to be approved by the control body
Trace elements	Need to be approved by the control body
Sodium chloride (food salt)	<ul style="list-style-type: none"> ■ Only mined salt ■ Need to be approved by the control body
Stone meal and clays	
Microorganisms such as N fixation bacteria (Rhizobium, Azotobacter and available phosphorus bacteria (Phosphorine) etc.	From non-genetically modified source
Natural plant extractions such as sugar cane flower extraction and garlic etc.	From non-genetically modified source

Pesticides – plant protection products

A. Substances of crop or animal origin

NAME	DESCRIPTION COMPOSITIONAL REQUIREMENTS CONDITIONS FOR USE
Azadirachtin extracted from Neem tree	Insecticide
Beeswax	Agent to cover pruning wounds
Gelatine	Insecticide
Hydrolysed proteins	Attractant, only in authorized applications in combination with other appropriate products of this list
Lecithin	Fungicide
Plant distilled oils (e.g. mint oil, pine oil, caraway oil)	Insecticide, acaricide, fungicide and sprout inhibitor
Pyrethrins extracted from Chrysanthemum cinerariaefolium	Insecticide

NAME	DESCRIPTION COMPOSITIONAL REQUIREMENTS CONDITIONS FOR USE
Quassia extracted from <i>Quassia amara</i>	Insecticide, repellent
Rotenone extracted from <i>Derris</i> spp. And <i>Lonchocarpus</i> spp and <i>Terphrosia</i> spp	Insecticide
Matrine substance extracted from <i>Sophora flavescens</i>	Insecticide, acaricide
Preparations of <i>Ryania speciosa</i>	Need to be approved by the control body, when necessary
Propolis (Ukbur)	Need to be approved by the control body, when necessary
Need to be approved by the control body, when necessary	Without chemical treatment
Casein	
Natural acids such as (Vinegar)	Need to be approved by the control body, when necessary
Fermented products from <i>Aspergillus</i>	
Preparations from Shitake fungus	
Extractions of <i>Chlorella</i>	
Preparations from natural plants except tobacco	Need to be approved by the control body, when necessary
Tobacco tea (except net nicotine)	Need to be approved by the control body, when necessary

B. Micro-organisms used for biological pest and disease control

NAME	DESCRIPTION COMPOSITIONAL REQUIREMENTS CONDITIONS FOR USE
Micro-organisms (bacteria, viruses and fungi): e.g. <i>Bacillus thuringiensis</i> , <i>Granulosis</i> virus, <i>Trichoderma</i> spp	Only products not genetically modified

C. Substances to be used in traps and/or dispensers

NAME	DESCRIPTION COMPOSITIONAL REQUIREMENTS CONDITIONS FOR USE
Diammonium phosphate	Attractant, only in traps necessary
Pheromones	Attractant; sexual behavior disrupter; only in traps and dispensers
Pyrethroids (only deltamethrin or lambda cyhalothrin) manure and composted	<ul style="list-style-type: none"> ■ Insecticide ■ Only in traps with specific attractants
farmyard manure included	<ul style="list-style-type: none"> ■ Only against <i>Batroceraoleae</i> and <i>Ceratitis capitata</i> wied and cucurbit fly need to be approved by the controls body, when necessary

D. Preparations to be surface-spread between cultivated plants

NAME	DESCRIPTION COMPOSITIONAL REQUIREMENTS CONDITIONS FOR USE
Ferric phosphate iron (III) orthophosphate	Molluscicide

E. Other substances from traditional use in organic farming

NAME	DESCRIPTION COMPOSITIONAL REQUIREMENTS CONDITIONS FOR USE
Copper in the form of copper hydroxide, copper oxychloride, (tribasic) copper oxidee, copper dioxide and Bordeaux paste	<ul style="list-style-type: none"> ■ Fungicide ■ Used quantity less than or equal 6 kg/ha/year
Ethylene	<ul style="list-style-type: none"> ■ Degreening bananas, kiwis, kakis ■ Flower induction of pineapple ■ Strategy to avoid the injury of fruit fly ■ Sprout inhibition during storage of potatoes and onion
Carbon dioxide and Nitrogen	Need to be approved by the control body, if necessary
Fatty acid potassium salt (soft soap)	Insecticide
Potassium alum sulphate (Kalinite)	Prevention of ripening of bananas
Lime sulphur (calcium polysulphide)	Fungicide, insecticide, acaricide

NAME	DESCRIPTION COMPOSITIONAL REQUIREMENTS CONDITIONS FOR USE
Mineral oils	Insecticide, fungicide only in fruit trees, vines, olive trees and tropical crops (e.g. bananas)
Paraffin oil	Insecticide, acaricide
Quartz sand	Repellent
Sulphur	Fungicide, acaricide, repellent
Potassium permanganate	- Fungicide, bactericide - Only in fruit trees, olive trees, vines and vegetables
Calcium hydroxide	Fungicide
Potassium bicarbonate	Fungicide
Porgundi liquid	To be approved by the control body, if necessary
Copper salts	To be approved by the control body, if necessary
Mineral powders (stone powders and silicate)	
Diatomic soil	To be approved by the control body, if necessary
Silicate and Bentonite	
Sodium silicate	
Sodium bicarbonate	
Homeopathic and Ayurvedic preparations	
Herbal and biodynamic preparations	
Male sterile insects	To be approved by the control body, if necessary

ANNEX I.

COMPANY ADDRESSES

TRADING COMPANY	ADDRESS	TEL FAX	E-MAIL WEBPAGE
Advanced Ossos Agr. Est.	Kharj	T:(011) 5418072 F:(011) 5418072	sanaagri@yahoo.com
Agricultural Roots Est.	Riyadh	T: (011) 4116014 F: (011) 2865928	zasco1@yahoo.com
Al Emaar International	Riyadh	T: (011) 4191481 F: (011) 4191481	d.assam@arasco.com
Al Hofuf Stars Agri. Pesticide Est.	Riyadh	T: (011) 4620931 F: (011) 4642136	ibrahim-alfawzan@alhofufstars.com
Al Mahalliah Company Trading & Agriculture Co. Ltd.	Riyadh	T: (011) 4380940 F: (011) 2132603	altelas@hotmail.com
Al Manef Company	Riyadh	T: (011) 4106454 F: (011) 8127746	agri@almonaif.com
Al Reef Fertilizers Factory co.	Kharj	T: (011) 4466222 F: (011) 4469959	alreef@al-tuwaijri.com
Al Safi Dairy Co.	Kharj	T: (011) 5471111 F: (011) 5474090	ahhkhan@alfaisaliah.com
Al Sakr Agric. Est.	Kharj	T: (011) 5501844 F: (011) 5501844	Falcon.agri@gmail.com
Al Sheik Agricultural	Qassim	T: 063813900 F: 063817800	alsheikh-agri@hotmail.com
Al Yaseen Agricultural Company	Al Ahsa	T: (03) 5815588 F: (03) 5815895	Khaled.lela@ayaseenagri.com
Asdco Development of Agric. Input	Jeddah	T: (011) 4762606 F: (011) 4762125	main@asdco.com.sa
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Machines and Agric. Materials	Khobr	T: 920011133 F: 026520576	ammc.sa@agrimato-me.com
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Proteina Co.	Riyadh	T: (011) 4384947 F: (011) 4384226	www.proteina.com.sa
Saudi United Fertilizer Company	Riyadh	T: (011) 4781304 F: (011) 4777184	al-asmida@awalnet.net.sa



FOR USE OF OFF-FARM INPUTS

Please give clear and full information:

Applicant	Name of Farm: _____ Name of Farm Manager: _____ Postal Address: _____ Tel Mobile: _____ Fax: _____ E-Mail: _____
Name of Input	Type: <input type="checkbox"/> Fertilzers <input type="checkbox"/> Fungizide <input type="checkbox"/> Insecticide <input type="checkbox"/> Other
Manufacturer and/or distributor of input	Name of Manufacturer: _____ Contact Person: _____ Postal Address: _____ Tel Mobile: _____ Fax: _____ E-Mail: _____ Webpage: _____
Reason of input application	1. Please explain in detail why you would like to use this input: 2. Where do you plan to use this input (place, plot No.): 3. For which crops do you use this input:

Place, Date

Signature Applicant

IMPRINT

PUBLISHER:

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