

Arid GARDEN THE DESERT
NOW YOU CAN **Grow**®



NEW!

HUMIC CONCENTRATES FOR RESTORATION AND IMPROVING SOIL FERTILITY



SOIL CREATOR
AridGrow® PHSC-C
CONCENTRATE 1:20

SOIL ACTIVATOR
AridGrow® LHSA-C
CONCENTRATE 1:100



THE BEST INNOVATIVE PRODUCT OF 2013
by recognition
of the Regional Office for the Near East and North Africa
of the Food and Agriculture Organization of the United Nations



SOIL CREATOR AridGrow® PHSC-C CONCENTRATE 1:20



APPLICATION:

- Before its original application, the Concentrated Powdered Humic SOIL CREATOR AridGrow® PHSC-C should be mixed with a well-sifted (through a project strainer with a cell <10 mm) local soil in a ratio 1:20 (it depends on a type of the soil) with addition of the 100 liters for 1 cubic meter of a mixture ready-to-use liquid IRRIGATION SOLUTION AridGrow®. In result it is created a **READY-TO-USE SOIL MIXTURE AridGrow®**.
- For example: 50 kg of the AridGrow® PHSC-C is necessary to mix with 1 cubic meter of the well-sifted local soil with addition of the 100 liters of the ready-to-use liquid IRRIGATION SOLUTION AridGrow®.
- Put down **SOIL MIXTURE AridGrow®** in the hollow with a fixed tree or a shrub or scatter it on a surface using an ordinary agricultural cultivator and water with **IRRIGATION SOLUTION AridGrow®** as necessary or spread it. All subsequent agrotechnical measures are carried out using standard regulations for cultivation of a grown culture.
- **Consumption** of the Concentrated Powdered Humic SOIL CREATOR AridGrow® PHSC-C is **about 25 kg** for 1 planted tree, 5 shrubs or 25 square meters of an agricultural application (it depends on a type of a plant) **per 10 YEARS**.
- Detailed instructions how to use AridGrow® Products for local soils and various plants will be given after contracting.

PROPERTIES:

- **Creates soil structure** in an environmentally safe manner.
- **Enriches soil** with natural organic ingredients, humus, humic acids, etc.
- **Restore** and maintains long-term soil fertility and its microbiological activity.
- **Losses** of an organic substance due to its mineralization in an ameliorated sandy soil at cultivation row-crop cultures during 5 years take 30-35%, that in 2,5 times less, than at use of any organic fertilizers.
- **Reduces soil salinization** and has high stability to microbiological and oxidizing destruction.
- **Considerably reduces** receipt of heavy metals and radioactive nuclides in plants.
- **Interferes** with a soil crust formation and reduces unproductive moisture losses on physical evaporation and infiltration.
- **Accumulates and keeps moisture** in 20 times more than it weight.
- **Raises plant resistance** to disease, heat and frost damage.
- **Does not contain** pathogenic microflora, seeds of weeds and genetically modified organisms.
- **Has no limitation** on use in soil management and agriculture.

MANUFACTURER'S RECOMMENDATIONS FOR APPLICATION

SOIL CREATOR AridGrow® PHSC-C

TR BY 490421644.005-2020

Powdered humic Soil Conditioner of a long-term effect **SOIL CREATOR AridGrow® PHSC-C** is applied **ONLY ONE TIME** per 5-10 Years for creation, restoration and improving fertility of the desert, arid, exhausted and degraded soils in an environmentally safe manner at the molecular level. It is used as a soil mixture of the product 1:20 (1 kg of concentrate per 20 kg of soil) for population or by spreading on the surface and mixing into a depth of roots of cultivated cultures for agriculture. It acts for a long period of time, accumulating moisture and significantly improving the agro-chemical and water-physical properties of the soils.

Depending on a degree of depletion or degradation of the soils, consumption of the product is increased or reduced. In the desert or arid soils application rates must be increased up to 2 times, but in regularly cultivated, arable soils application rates must be reduced by 2 times. The following table shows average level of consumption of the product for the regularly cultivated moderately fertile soils.

FOR ORNAMENTAL PLANTS

Culture	Method of Application	Qty	Application Rates		Application Results
			For Population	For Agriculture	
1. Indoor Plants and Flowers (potted)	Locally put into a pot and mix with a soil	1 Time	50 g per 1 kg	0,5 MT per 1 ha	Stimulates growth and development, accelerates and extends budding and abundant blooming, intensity and brightness of leaves and flowers, increases resistance to disease, wilt, heat and frost, formation of more new shoots, branches, buds, leaves & flowers, raises ornamental qualities
2. Outdoor Plants and Flowers (Roses etc.)	Locally put into the holes, rows or furrows and mix with a soil before planting	1 Time	0,5 kg per 1 m	1 MT per 1 ha	Stimulates growth and development, accelerates and extends budding and abundant blooming, intensity and brightness of leaves and flowers, increases resistance to disease, wilt, heat and frost, formation of more new shoots, branches, buds, leaves & flowers, raises ornamental qualities
3. Turf Grass	Spread on the surface of a soil and mix by cultivator into the depth of roots before planting	1 Time	1 kg per 1 m ²	1 MT per 1 ha	Improves seeds germination, resistance to disease, wilt, heat and frost, stimulates growth and development, raises intensity, brightness and ornamental qualities
4. Wood Trees Deciduous and Coniferous (Indoor & Outdoor)	Locally put into the holes, rows or furrows and mix with a soil before planting	1 Time	1 kg per 1 m	1 MT per 1 ha	Stimulates growth and development, accelerates and extends budding and abundant blooming, intensity and brightness of leaves and flowers, increases resistance to disease, wilt, heat and frost, raises ornamental qualities

FOR AGRICULTURAL USE

Culture	Method of Application	Qty	Application Rates		Application Results
			For Population	For Agriculture	
5. Winter crops rye and wheat, spring barley, oilseed rape, millet, triticale, buckwheat, mustard and etc.	Spread on the surface and mix by cultivator into the depth of roots before planting	1 Time	1 kg per 1 m ²	1 MT per 1 ha	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance, increases crop yielding capacity and reduces time of maturation, improves product quality
6. Rice	Locally put in gauze bags into the stream through which water enters the cell of a rice field	3 Times per 3 month	1 kg per 1 sell of a rice field	100 kg of a rice field	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance, increases crop yielding capacity and reduces time of maturation, improves product quality
7. Legumes: peas, beans, corn, broad beans and etc.	Spread on the surface and mix by cultivator into the depth of roots before planting	1 Time	1 kg per 1 m ²	1 MT per 1 ha	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance, increases crop yielding capacity and reduces time of maturation, improves product quality
8. Fiber Flax	Spread on the surface and mix by cultivator into the depth of roots before planting	1 Time	1 kg per 1 m ²	1 MT per 1 ha	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance, increases crop yielding capacity and reduces time of maturation, improves product quality
9. Perennial herb: clover, alfalfa, tea, cotton, bananas, and etc.	Spread on the surface and mix by cultivator into the depth of roots before planting	1 Time	1 kg per 1 m ²	1 MT per 1 ha	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance, increases crop yielding capacity and reduces time of maturation, improves product quality
10. Greenery: salad, cilantro, parsley, dill, fennel and etc.	Locally put into the holes, rows or furrows and mix with a soil before planting	1 Time	0,5 kg per 1 m	0,5 MT per 1 ha	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance, increases crop yielding capacity and reduces time of maturation, improves product quality
11. Onion, Garlic	Locally put into the holes, rows or furrows and mix with a soil before planting	1 Time	0,5 kg per 1 m	0,5 MT per 1 ha	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance, increases crop yielding capacity and reduces time of maturation, improves product quality
12. Wild strawberry, garden strawberry and etc.	Locally put into the holes, rows or furrows and mix with a soil before planting	1 Time	0,5 kg per 1 m	0,5 MT per 1 ha	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance, increases crop yielding capacity and reduces time of maturation, improves product quality

Culture	Method of Application	Qty	Application Rates		Application Results
			For Population	For Agriculture	
13. Potatoes	Locally put into the holes, rows or furrows and mix with a soil before planting	1 Time	1 kg per 1 m	0,5 MT per 1 ha	Stimulates growth and development, raises disease resistance, increases size and mass of tubers, yielding capacity, reduces time of maturation, improves product quality
14. Carrot, beetroot, sugar beet and etc.	Locally put into the holes, rows or furrows and mix with a soil before planting	1 Time	1 kg per 1 m	0,5 MT per 1 ha	Stimulates growth and development, raises disease resistance, increases size and mass of root crops, yielding capacity, reduces time of maturation, improves product quality
15. Melons: watermelon, cantaloupe, pumpkin and etc.	Locally put into the holes, rows or furrows and mix with a soil before planting	1 Time	1 kg per 1 m	0,5 MT per 1 ha	Stimulates growth and development, raises disease resistance, increases size and mass of melon crops, yielding capacity, reduces time of maturation, improves product quality
16. Cabbages	Locally put into the holes, rows or furrows and mix with a soil before planting	1 Time	1 kg per 1 m	0,5 MT per 1 ha	Stimulates growth and development, raises disease resistance, increases size and mass of cabbage heads, yielding capacity, reduces time of maturation, improves product quality
17. Solanaceae: eggplant, pepper, nightshade, chili and etc.	Locally put into the holes, rows or furrows and mix with a soil before planting	1 Time	1 kg per 1 m	0,5 MT per 1 ha	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance, increases size and mass of solanaceae crops, yielding capacity, reduces time of maturation, improves product quality
18. Tomatoes (indoor & outdoor)	Locally put into the holes, rows or furrows and mix with a soil before planting	1 Time	1 kg per 1 m	0,5 MT per 1 ha	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance, increases size and mass of tomatoes, yielding capacity, reduces time of maturation, improves product quality
19. Cucumbers (indoor & outdoor)	Locally put into the holes, rows or furrows and mix with a soil before planting	1 Time	1 kg per 1 m	0,5 MT per 1 ha	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance, increases size and mass of cucumbers, yielding capacity, reduces time of maturation, improves product quality
20. Currant, raspberries, blueberries, gooseberries, grapes and etc.	Locally put into holes, rows or furrows and mix with a soil before planting	1 Time	1 kg per 1 hole	0,5 MT per 1 ha	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance, increases size and mass of berries crops, yielding capacity, reduces time of maturation, improves product quality

Culture	Method of Application	Qty	Application Rates		Application Results
			For Population	For Agriculture	
21. Tea, cotton, bananas, tobacco and etc.	Locally put into the holes, rows or furrows and mix with a soil before planting	1 Time	2,5 kg per 1 m	0,5 MT per 1 ha	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance, increases size and mass of berries crops, yielding capacity, reduces time of maturation, improves product quality
22. Seedlings of Apple, Pear, Plum, Cherry, Citrus, Olives, Dates and etc.	Locally put into the holes, rows or furrows and mix with a soil before planting	1 Time	2,5 kg per 1 seedling	0,5 MT per 1 ha	Stimulates survival, growth and development, raises numbers of wealthy sprouting and disease resistance, increases size and mass of berries crops, yielding capacity, reduces time of maturation, improves product quality
23. Adult Apple, Pear, Plum, Cherry and etc.	Locally put into the soil around the root system	1 Time	25 kg per 1 tree	1 MT per 1 ha	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance, increases size and mass of berries crops, yielding capacity, reduces time of maturation, improves product quality
24. Adult Citrus, Olives, Date palms and etc. exotic	Locally put into the soil around the root system	1 Time	25 kg per 1 tree	1 MT per 1 ha	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance, increases size and mass of berries crops, yielding capacity, reduces time of maturation, improves product quality



SOIL ACTIVATOR AridGrow® LHSA-C CONCENTRATE 1:100

PROPERTIES:

- **Activates** agrophysical and agrochemical processes in the soils in an environmentally safe manner.
- **Powerful soil enhancer.** Improves soil fertility and its microbiological activity.
- **Promotes** hormonal and antioxidant activity, plants nutrient uptake.
- **Stimulates** root and plant growth, accelerates seed germination.
- **Increases mass** of plants and fruits, improves decorative properties of floral cultures.
- **Reduces soil salinization** and migratory mobility of contaminants in the ionic form and their movement to ground waters and a zone of moisture evaporation.
- **Actively forms** water-soluble connections with ions of polyvalent metals and radioactive nuclides that completely stop their migration from soils to plants.
- **Reduces** dependence on chemical applications and fertilizer requirements.
- **Raises plant resistance** to disease, heat and frost damage.
- **Does not contain** pathogenic microflora, seeds of weeds and genetically modified organisms.
- **Has no limitation** on use in soil management and agriculture.



APPLICATION:

- **Before its original application**, the Concentrated Liquid Humic SOIL ACTIVATOR AridGrow® LHSA-C **should be diluted** with the local freshened irrigating water **in a ratio 1:100**, therefore it is created a highly nourishing and **READY-TO USE IRRIGATION SOLUTION AridGrow®**.
- **For example:** One liter of the AridGrow® LHSA-C is necessary to dilute with 100 liters of the local freshened irrigating water.
- You need the further watering **THREE TIMES PER EVERY 14 DAYS ONLY** by **IRRIGATION SOLUTION AridGrow®** for an extra feeding. In addition, You can use a drip irrigation system or spray.
- **Consumption** of the Concentrated Liquid Humic SOIL ACTIVATOR AridGrow® LHSA-C is **about 5 liters** for 1 planted tree, 2 shrubs or 5 square meters of the gardening territory **per 1 YEAR**.
- Detailed instructions how to use AridGrow® Products for local soils and various plants will be given after contracting.

MANUFACTURER'S RECOMMENDATIONS FOR APPLICATION

SOIL ACTIVATOR AridGrow® LHSA-C

TR BY 490421644.005-2020

Liquid humic Soil Conditioner of a long-term effect **SOIL ACTIVATOR AridGrow® LHSA-C** is **applied ONLY THREE TIMES** per Year or One Harvest Season for activation of the soil recovery processes and improving fertility of the desert, arid, exhausted and degraded soils in an environmentally safe manner at the molecular level.

It is used as a water solution of the product 1:100 (1 liter of concentrate per 100 liters of water) for irrigation, watering or spraying as for population, so for agriculture. It acts for a long period of time significantly improving the agro-chemical and water-physical properties of the soils.

Depending on a degree of depletion or degradation of the soils, consumption of the product is increased or reduced. In the desert or arid soils application rates must be increased up to 2 times, but in regularly cultivated, arable soils application rates must be reduced by 2 times. The following table shows average level of consumption of the product for the regularly cultivated moderately fertile soils.

FOR ORNAMENTAL PLANTS

Culture	Method of Application	Qty	Application Rates		Application Results
			For Population	For Agriculture	
1. Indoor Plants and Flowers (potted)	1. Watering in a phase of active growth every 14 days	3 Times	10 ml per 1,0 l of water per 10 plants	3 l per 300 l of water per 1 ha	Stimulates growth and development, accelerates and extends budding and abundant blooming, intensity and brightness of leaves and flowers
	2. Spraying* at the first signs of disease or decay	1 Time	5 ml per 0,5 l of water per 10 plants	2 l per 200 l of water per 1 ha	Increases resistance to disease and wilt, raises ornamental qualities and formation of more new shoots, branches, buds, leaves & flowers
2. Outdoor Plants and Flowers (Roses etc.)	1. Watering in the wake of kidneys, phase of active growth and buds every 14 days	3 Times	20 ml per 2,0 l of water per 10 plants	3 l per 300 l of water per 1 ha	Stimulates growth and development, accelerates and extends budding and abundant blooming, intensity and brightness of leaves and flowers
	2. Spraying* at the first signs of disease or decay	1 Time	10 ml per 1,0 l of water per 10 plants	2 l per 200 l of water per 1 ha	Increases resistance to disease, wilt, heat and frost, raises formation of more new shoots, branches, buds, leaves & flowers and ornamental qualities
3. Turf Grass	1. Soaking the seeds before planting for 24 hours	1 Time	50 ml per 5,0 l of water per 10 kg of seeds	0,5 l per 50 l of water per 1 MT of seeds	Improves seeds germination, stimulates growth and development, disease resistance
	2. Watering in the early spring every 14 days	3 Times	0,5 l per 50 l of water per 100 m ²	3 l per 300 l of water per 1 ha	Improves ornamental qualities and brightness, increases resistance to disease and wilt
4. Wood Trees Deciduous and Coniferous (Indoor & Outdoor)	Watering in a root zone immediately after replanting and then every 14 days	3 Times	1,0 l per 100 l of water per 10 nursery transplants	10 l per 1 t of water per 50 nursery transplants	Stimulates growth and development, accelerates and extends budding and abundant blooming, intensity and brightness of leaves and flowers, increases resistance to disease wilt, heat and frost

FOR AGRICULTURAL USE

Culture	Method of Application	Qty	Application Rates		Application Results
			For Population	For Agriculture	
5. Winter crops rye and wheat, spring barley, oilseed rape, millet, triticale, buckwheat, mustard and etc.	1. Seed treatment, together with protectants	1 Time	50 ml per 5 l of water per 10 kg of seeds	0,5 l per 50 l of water per 1 MT of seeds	Improves seeds germination, stimulates growth and development, raises numbers of wealthy sprouting and disease resistance
	2. Spraying* in the phase of tillering and tubing every 14 days	3 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Increases crop yielding capacity and reduces time of maturation, improves product quality
6. Legumes: peas, beans, corn, broad beans and etc.	1. Seed treatment, together with protectants	1 Time	50 ml per 5 l of water per 10 kg of seeds	0,5 l per 50 l of water per 1 MT of seeds	Improves seeds germination, stimulates growth and development, raises numbers of wealthy sprouting and disease resistance
	2. Spraying* in the phase of tillering and tubing every 14 days	3 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Increases crop yielding capacity and reduces time of maturation, improves product quality
7. Fiber Flax	1. Spraying* in the phase of "fir tree"	1 Time	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Improves seeds germination, stimulates growth and development, raises numbers of wealthy sprouting and disease resistance
	2. Spraying* in the phase of budding	2 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Increases crop yielding capacity and reduces time of maturation, improves product quality
8. Perennial herb: clover, alfalfa, tea, cotton, bananas, and etc.	Spraying in early spring every 14 days and after each harvesting	3 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Increases productivity, crop yielding capacity and reduces time of maturation, improves product quality
9. Greenery: salad, cilantro, parsley, dill, fennel and etc.	Spraying* in the phase of growing season every 14 days	3 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Increases productivity, crop yielding capacity and reduces time of maturation, improves product quality
10. Onion, Garlic	1. Soaking the seeds before planting for 24 hours	1 Time	50 ml per 5 l of water per 10 kg	5 l per 500 l of water per 1 MT of seeds	Improves seeds germination, stimulates growth and development, raises numbers of wealthy sprouting and disease resistance
	2. Spraying* in the phase of active growth every 14 days	3 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Increases productivity, crop yielding capacity and reduces time of maturation, improves product quality
11. Wild strawberry, garden strawberry and etc.	Watering in 2 weeks after planting and then every 14 days after each harvesting	3 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Stimulates growth and development, increases productivity, crop yielding capacity and reduces time of maturation, resistance to disease and wilt, heat and frost, improves product quality

Culture	Method of Application	Qty	Application Rates		Application Results
			For Population	For Agriculture	
12. Potatoes	1. Soaking the tubers before planting	1 Time	100 ml per 10 l of water per 100 kg of tubers	1 l per 100 l of water per 1 MT of tubers	Stimulates growth and development of tubers, raises numbers of wealthy sprouting and disease resistance
	2. Spraying* when full sprouting and in a phase of budding	3 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Increases size and mass of tubers, yielding capacity, reduces time of maturation, improves product quality
13. Carrot, beetroot, sugar beet and etc.	1. Soaking the seeds before planting for 24 hours	1 Time	50 ml per 5 l of water per 10 kg of seeds	0,5 l per 50 l of water per 1 MT of seeds	Stimulates growth and development of seeds, raises numbers of wealthy sprouting and disease resistance
	2. Spraying* of vegetating plants in a phase of full sprouting	3 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Increases size and mass of root crops, yielding capacity, reduces time of maturation, improves product quality
14. Melons: watermelon, cantaloupe, pumpkin and etc.	1. Soaking the seeds before planting for 24 hours	1 Time	50 ml per 5 l of water per 10 kg of seeds	0,5 l per 50 l of water per 1 MT of seeds	Improves seeds germination, stimulates growth and development, raises numbers of wealthy sprouting and disease resistance
	2. Spraying* of vegetating plants in a phase of full sprouting	3 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Increases size and mass of melon crops, yielding capacity, reduces time of maturation, improves product quality
15. Cabbages	1. Soaking the roots of seedlings into a "mash" of 1% solution & clay	1 Time	100 ml per 10 l of «mash»	1 l per 100 l of «mash»	Improves growth and development of seedlings, raises numbers of wealthy sprouting and disease resistance
	2. Spraying* Seedlings in the phase of 2-3 leaves and 1 week before planting	2 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Stimulates rooting and survival rates
	3. Spraying* after planting and in a phase of cabbage head forming every 14 days	3 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Increases size and mass of cabbage heads, yielding capacity, reduces time of maturation, improves product quality
16. Solanaceae: eggplant, pepper, nightshade, chili and etc.	1. Soaking the seeds before planting for 24 hours	1 Time	50 ml per 5 l of water per 10 kg of seeds	0,5 l per 50 l of water per 1 MT of seeds	Improves seeds germination, stimulates growth and development, raises numbers of wealthy sprouting and disease resistance
	2. Spraying* of vegetating plants in a phase of full sprouting	3 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Increases size and mass of solanaceae crops, yielding capacity, reduces time of maturation, improves product quality

Culture	Method of Application	Qty	Application Rates		Application Results
			For Population	For Agriculture	
17. Tomatoes (indoor & outdoor)	1. Soaking the seeds before planting for 24 hours	1 Time	50 ml per 5 l of water per 10 kg of seeds	5 l per 500 l of water per 1 MT of seeds	Improves seeds germination, raises numbers of wealthy sprouting and disease resistance
	2. Watering seedlings in 3-4 days after pricking, and in 7 days before transplanting into the soil	2 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Stimulates growth and development, raises numbers of wealthy sprouting and disease resistance
	3. Watering in a root zone in 7 days after replanting, in a phase of budding, blooming and then every 14 days before harvesting	3 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Increases size and mass of fruits, yielding capacity, reduces time of maturation, improves product quality
18. Cucumbers (indoor & outdoor)	1. Soaking the seeds before planting for 24 hours	1 Time	50 ml per 5 l of water per 10 kg of seeds	0,5 l per 50 l of water per 1 MT of seeds	Improves seeds germination, raises numbers of wealthy sprouting and disease resistance
	2. Watering in a root zone in a phase of 1-2 & 3-4 real leaves and every 14 days before harvesting	3 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Stimulates growth and development, increases size and mass of fruits, yielding capacity, reduces time of maturation, improves product quality
	3. Spraying at the first signs of disease or decay every 14 days	2 Times	50 ml per 5 l of water per 10 m ²	5 l per 500 l of water per 1 ha	Increases resistance to disease and wilt, improves product quality
19. Currant, raspberries, blueberries, gooseberries, grapes and etc.	Watering in a phase of bud burst and active growth every 14 days	3 Times	1 l per 100 l of water per 10 bushes	5 l per 500 l of water per 100 bushes	Stimulates growth and development, increases resistance to disease, wilt, heat & frost, increases size and mass of berries, yielding capacity, reduces time of maturation, improves product quality
20. Apple, pear, plum, cherries, citrus fruits, olives, date palms and etc. (adult fruit trees)	Watering in a root zone immediately after replanting and then every 14 days	3 Times	1 l per 100 l of water per 10 nursery transplants	10 l per 1 t of water per 100 trees	Stimulates growth and development, increases resistance to disease, wilt, heat & frost, increases size and mass of fruits, yielding capacity, reduces time of maturation, improves product quality

***ATTENTION:** WHEN SPRAYING AVOID DIRECT CONTACT OF THE PRODUCT WITH FLOWERS OR DO NOT SPRAY INTO THE BLOOMING FLOWERS!



Dear Friends !

We are very glad to present You an innovative novelty - Desert Gardening Technology AridGrow® and its Products !

AridGrow® Products are Powdered & Liquid Soil Conditioners of a Long-Term Effect and highly concentrated **Natural Products**, processed from Peat by special **AridGrow® Technology** with the purpose of modifying its physical and chemical properties and qualities for consumer demands and designed to restore depleted and degraded soils, disturbed by human activities and increase their fertility, best for desertification areas by reducing unproductive losses of soil moisture by evaporation and seepage and excellent for environmentally pure and safe crop production. Powerful soil enhancers. Improves soil fertility and its microbiological activity. Universal means for activation of the agrophysical and agrochemical processes in the soils and extirpation with their salinization. Good way for domestication and gardening of the arid and exhausted territories. Highly effective to both soils and plants.

AridGrow® Products can be used in **Organic Farming** for any indoor & outdoor decorative plants & flowers, for greening construction, road fences, sport fields & golf courses, for fruits & vegetables gardening, crops cultivation and etc.

SOIL CREATOR
AridGrow® PHSC-C
CONCENTRATE 1:20



SOIL ACTIVATOR
AridGrow® LHSA-C
CONCENTRATE 1:100



AridGrow® Products are developed by the **Institute for Nature Management of the National Academy of Sciences of Belarus** with scientific-technical support of the UK scientific-research company «**AridGrow Laboratories Ltd.**» and passed successful comprehensive tests during 15 years in the Middle East. Recommended to use by the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus and the Regional Office for the Near East and North Africa of the Food and Agriculture Organization of the United Nations.

Certified in the European Union for Organic Farming.

Made in Belarus by Belarus-UK joint venture «**AridGrow Production Ltd.**» under the license and control of the UK scientific-research company «**AridGrow Laboratories Ltd.**».

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