

Hydroponic Growing Systems

Fresh Green Feed
from seed to feed
in 7 days

Agritom



7/24 Fresh Green



Agritom is a growing system which is designed to germinate barley, wheat, oat, cereals such as maize, fodder peas, vetch and forage legume.

Agritom hydroponic growing systems can produce fodder at the same quality and freshness all year round even regardless of extreme climate-related issues like heavy drought or snow.

Agritom hydroponic growing systems can grow fresh fodder in any location throughout seasons.

Agritom hydroponic growing systems can grow fresh fodder without fertilizers. We can consider this as a natural way of producing fodder in a natural way.



ECONOMICAL BENEFITS

- Reduces feed cost.
- Reduces veterinary costs.
- Less labor, easy maintenance compared to the land production.
- Eliminates or reduce stock and transportation costs and its related problems.
- Eliminates the necessity of acting in accordance with the seasonal conditions for the production of fodder.
- Does not require high cost infrastructure such as, irrigation canals, tractors etc.
- Does not affected by seasonal and climatic conditions.
- Short payback period.



During the production process the system does not require any chemical fertilizer.

SYSTEM SPECIFICATONS

- Insulated germination chambers that reduce energy costs.
- Cooling and heating featured special designed air-conditioning units.
- Durable rock system that is designed to work together with Agritom trays.
- Corrosion-resistant rack materials.
- Special designed, ergonomic trays. Design of the tray is patented in the name of our company.
- Agritom digital control unit that is user friendly and operated by AOS software.
- Years of experience on designing and manufacturing hydroponic systems.
- Special light system that supports plant growth.
- Integrated ozone generator system.
- Integrated water filtration system.

BENEFITS AS A FEED

- Might increases milk yield and weight gains.
- Due to its high beta-carotene rate, it strengthens the immune system and increases on fertility and conception rates.
- High digestibility of 90-95% that affects digestive system of the animals positively and helps them to sustain their health.
- Active in natural enzymes, antioxidants, natural sugar and fiber.
- Vitamins, enzymes, antioxidants, biotin, free folic acid levels of the fresh green feeds are higher when compared with grains dry feeds.
- Includes higher Crude Protein comparing to silage and most of the other green feeds.
- Increases the intake and utility of the other feeds that are given together in the diet.
- Fewer health problems.
- Low starch value.
- Sustainability.

Container Type



S	100 Kgs/Day
M	200 Kgs/Day
L	300 Kgs/Day
XL	400 Kgs/Day
XXL-HC 500	500 Kgs/Day

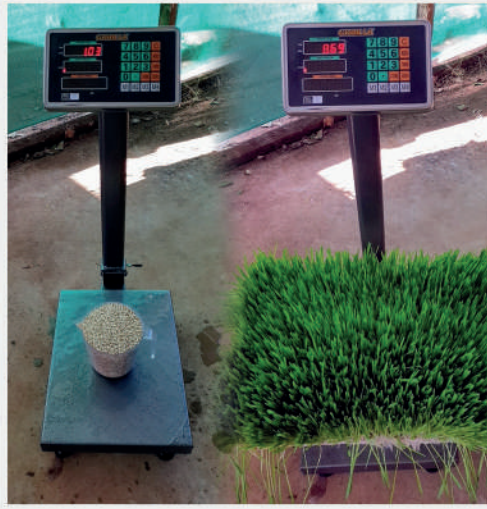
Stable Room Type



AGR-100	100 Kgs/Day
AGR-200	300 Kgs/Day
AGR-300	300 Kgs/Day
AGR-400	400 Kgs/Day
AGR-500	500 Kgs/Day
AGR-1000	1000 Kgs/Day
AGR-1500	1500 Kgs/Day
AGR-2000	2000 Kgs/Day
Custom Design	2-50 Ton/Day

* Agri Makina can change the technical specifications without notice.
 * Production capacities are given as average value for barley seed input.
 * Production capacities will vary mainly according to the amount of used seeds, its germination rate and its quality.





ECONOMICAL BENEFITS

- Lay the washed-cleaned and soaked seeds into the trays.
- Load the trays into the machine.
- Sufficient light energy, constant climate conditions and disinfected irrigation water with enhanced oxygen capacity is provided in time of needs automatically.
- At the end of 7 days you can start feeding your live stock with nature like grown fresh green fodder.
- Wash & clean the empty trays and make them ready for reuse.
- At the end of 7 days the cycle starts and after that you start produce everyday!



RESULT AND OPINIONS ON HORSE FARMS



- Appetite stimulation even at high temperature conditions.
- Reduced stress.
- Reduction in ulcer problems especially seen in race horse.
- Improvement in horse behaviour.
- Increases hoof quality and power.
- Improvements in external appearance of horses like brighter and shiny hair colors.
- Provides an increase in fertility rates.
- Increase performance of racehorses.

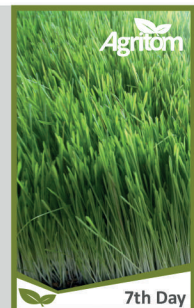
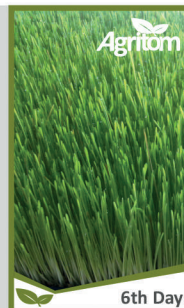
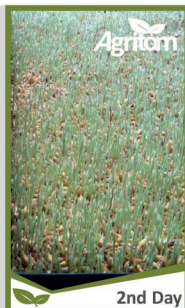
Fresh forage might be used in organic livestock if it will be produced from organic seeds.



Agritom Hydroponic Growing Systems are designed to produce fresh green feed every day of the year

AREAS OF USE

DAIRY & BEEF CATTLE FARMS • SHEEP FARMS • GOAT FARMS
HORSE FARMS • POULTRY FARMS • CAMEL FARMS • GRASSHOPPER FARMS
RABBIT FARMS • ZOOS, WILDLIFE HABITATS and ANIMAL THEME PARKS





Completed
Projctcs

United Arab Emirates . Saudi Arabia . Qatar
Oman . Bahrain . Somalia . Australia . Philipinnes
Austria . France . Greece . Bulgaria . Belarus
Russia . Israel . Armenia . Georgia . Iraq
Kazakhstan . Uzbekistan


7/24 Fresh Green



ISO
9001
QUALITY
ASSURANCE
QA/TR/6164



QA-AC-R-1179/13

Agri Makina Imalat San. ve Tic. A.S.

Yenidogan Mah. 1139 Sk. No: 2/4/Z1 - 35180 Izmir - Turkey

Tel: +90 (850) 441 24 74 / +90 (232) 458 08 62

Fax: +90 (232) 458 08 64

Web: www.agritom.com - Email: info@agrimakina.com

