



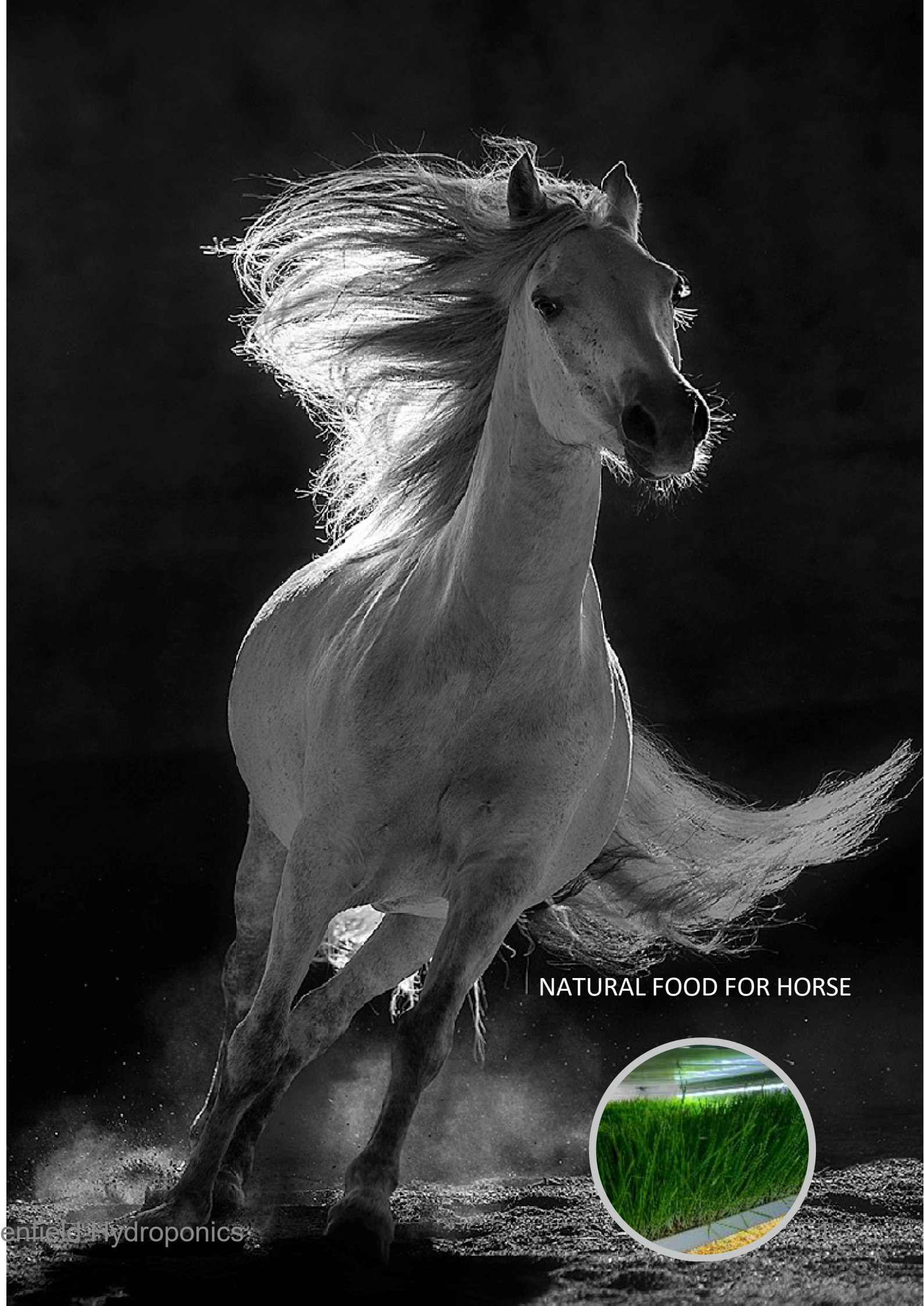
GREENFIELD HYDROPONICS GLOBAL

Turnkey System for creating Urban Organic
Produce Farms

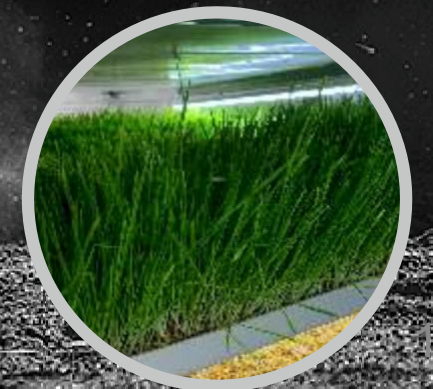


PROFESSIONAL HYDROPONIC HORSE FOODER CABINS

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NATURAL FOOD FOR HORSE



THE ULTIMATE FODDER PLATFORM

Our cultivation systems have the latest technology in cultivation in controlled environments, being very easy to operate by the user, becoming an indispensable tool for healthy and high quality feeding for horses..

Our cultivation systems were built with 3 fundamental principles

DESIGN

Our container cultivation systems are the result of years of research and development in controlled environment cultivation systems. The result of this project is a stylish, functional and easy-to-operate design.

AUTOMATIZATION

The system is basically a “smart farm”, that is, it works under the principles of CEA (Controlled Environment Agriculture). This allows the user to control the system locally or remotely from a mobile phone or computer.

PERFORMANCE

Our cabins are prepared to operate in any climate and geography, without changing the planned yields in grain sowing. The user will have 365 perfect days where he will obtain forage shoots with high nutritional value, without pesticides or agrotoxins.





GDG SERIES

Hydroponic fodder production systems in controlled environments

•No assembly required.

All cabin units are 100% turnkey and delivered ready to use.

100% autonomous.

The client is not required to provide a building, electrical or climate control systems, only a level platform and electrical and water connections.

Scalable.

It can be sized to meet the needs of any operation, from 60 kilograms per day to 800 kilograms (depending on the grain to be germinated) per day of fodder production.

Incorporates our industry-leading germination technology, labor reductions, and mold- and mildew-free fodder production capabilities.

Meets our climate control standards to ensure optimal growing conditions.



GDE 60
Growings Europa
Hydroponic Fodder

GDG 60

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Smart Cabin GDG 60
60 kilograms of fresh fodder all year round

Tech drawings



Feeding sprouts to horses

8

Horses



- Fresh shoots grown in a Growings system offer nutritional advantages for horses.
- Horses are grazing animals.
- Adding fresh grass to horses helps improve their health and performance.Improved performance in racehorses Improved coat and overall appearance.
- Lower feed billsLess incidence of colic and intestinal ulcers.
- Lower veterinary costs more friendly and calm animals Faster recovery after exertion.



Specification	
Electricity consumption per day	10 Kw/h
Water consumption per day	30 liters
Dimensions	L x W x H : 10,24" x 3,7" x 7,87 (mtrs)
Air renewal	60 m3 / 6 hours
Air conditioning system	9000 BTU
Automated control by PLC (AI)	GGs 100

GDE 100

GDE 100

Growing Europe
Hydroponics

GDE 100



GDG 100

Smart Cabin GDE 100
100/120 kilograms of fresh fodder all year round



12 Horses



Tech drawings



Specification	
Electricity consumption per day	30 Kw/h
Water consumption per day	50 liters
Dimensions	L x W x H : 10,24" x 7,3" x 7,87 "
Air renewal	90 m3 / 6 hours
Air conditioning system	9000 BTU
Automated control by PLC (AI)	GGs 100

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GDG 200

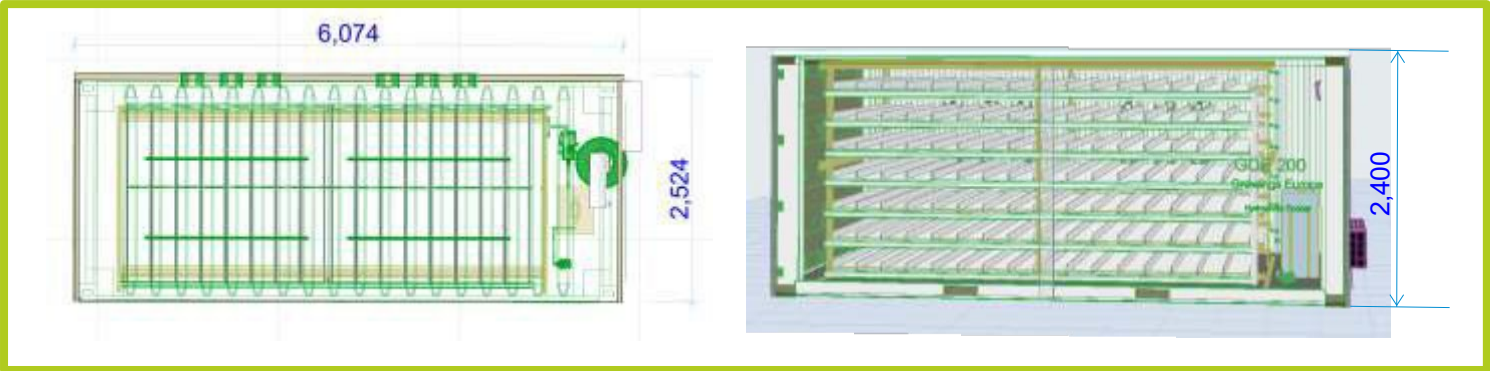
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Smart Cabin GDG 200
200/220 kilograms of fresh fodder all year round

Tech drawings



Specification	
Electricity consumption per day	60 Kw/h
Water consumption per day	100 liters
Dimensions	L x W x H : 19,24" x 7,3" x 7,87 "
Air renewal	140 m3 / 6 hours
Air conditioning system	9000 BTU
Automated control by PLC (AI)	GGs 100



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Horses



Higher nutrient content:

Hydroponic fodder is grown in a controlled environment, where it is provided with the exact amount of nutrients it needs to grow optimally. This results in fodder with a higher content of protein, vitamins, minerals and digestive enzymes, which translates into better health and productivity of yours horses.

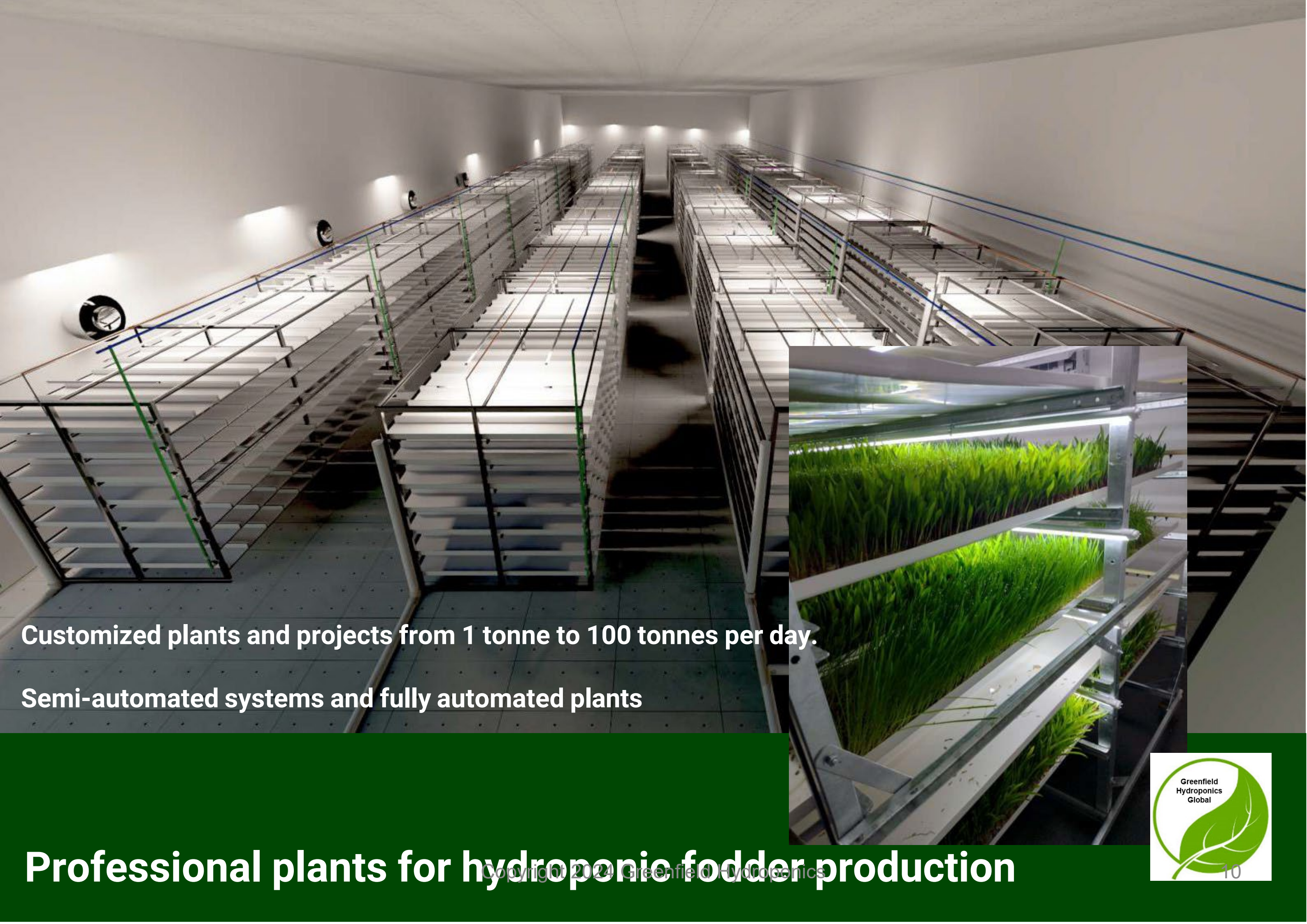
Greater digestibility:

Hydroponic fodder is easier to digest than traditional fodder due to its lower lignin content. This means that animals can better absorb the nutrients from the fodder, resulting in improved growth and development.

Higher water content:

Hydroponic forage has a higher water content than traditional forages, which is important for horses health, especially in hot, dry climates.





Customized plants and projects from 1 tonne to 100 tonnes per day.

Semi-automated systems and fully automated plants



Professional plants for hydroponic fodder production



EQUIPMENT							
All calculations are based on Barley			Production Lbs	Horses that feeds	Cultivat Time (days)	Working Hours	Laborers
	GDG 60		132	8	7	1	1
	GDG100		220	12 - 14	7	1	1
	GDG200		440	24 - 26	7	2	1
	PLANT 1 METRIC TON		2200	130 - 135	7	4	1
	PLANT 2 METRIC TON		4400	260 - 270	7	6	1
	PLANT 3 METRIC TON		6600	520 - 530	7	6	2



PROFESSIONAL HYDROPONIC FOODER CABINS

International publications

"All specialized publications recommend the use of hydroponic green fodder; it is seen as the only viable alternative in the face of the extremely high costs of traditional horse feed. Health is not a minor concern, as an animal fed with hydroponic forage significantly improves its performance and recovery after exercise."

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