

Welcome to the future of beet harvesting!



4e
for growers

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Agrifac 2003!

Agrifac Hexa 12 row - 33 ton bunker
Agrifac Logibeet transporter



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IIRB Seminar

“Technical improvements by manufacturers of beet harvesters to cope with future needs”

Agrifac Machinery B.V.

Peter Millenaar
General Director

p.millenaar@agrifac.com

13th October 2010
PPO WUR - Beet Europe - Lelystad




Mission Agrifac Machinery B.V.

- Agrifac wants to be the **no. 1** supplier (quality wise) in the field of self propelled
 - Sprayers
 - Sugar Beet Harvesters
 - Potato Harvesters







**EFFICIENCY AT AGRIFAC
MEANS MORE WORK IN
LESS TIME**

4e
for growers

efficiency
economy
ergonomy
ecology



**DUE TO THEIR WELL
THOUGHT OUT DESIGN,
AGRIFAC MACHINES ARE
THE MOST ECONOMICAL
ONES IN THEIR CLASS**

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efficiency
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Present close to the markets

- **TECH-TALK at the Agrifac stand tomorrow**

-  Dutch
-  English
-  French
-  German
-  Polish
-  Russian
-  Spanish



efficiency
economics
programmability
recovery

agrifac



6 challenges for future sugar beet harvesting

- **Beet friendly**
 - Complete roots
 - Good topping
- **Clean beets**
- **Soil friendly**
- **Increased capacity**

Six points are very important for future sugar beet harvesting:

- good quality of topping/defoliating (all leaves and petioles removed and no beet losses by overtopping);
- good separation of soil and beet during lifting/uprooting;
- beet friendly removing adhering soil, resulting in clean beet with low damages that can be stored during a long period;
- minimal root tip losses in all stages of the harvest: lifting, cleaning, transport in the harvester, and unloading;
- more capacity to harvest the ever increasing yields in the same time;
- soil friendly field traffic. Prevention of subsoil compaction is important due to high total loads of tanker harvesters and the transport to the clamp.

The Organizing Committee of Beet Europe 2010



efficiency
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recovery

Source: BeetEurope demo guide

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Challenges?

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Challenges

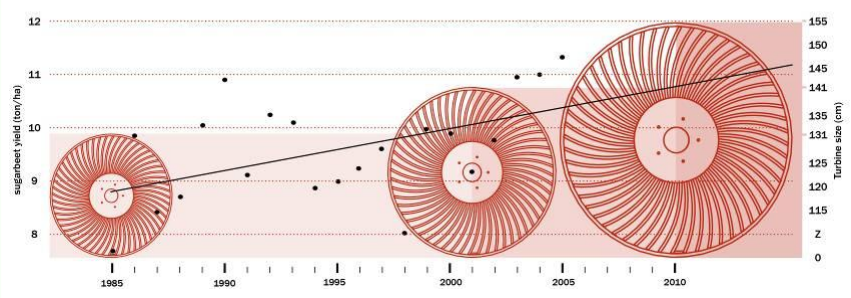
- Dry and wet
 - Machine & driver make the difference
- Macro economic developments
 - Wealth
 - Climate change
 - More extreme

4e efficiency economic productivity resources

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Capacity

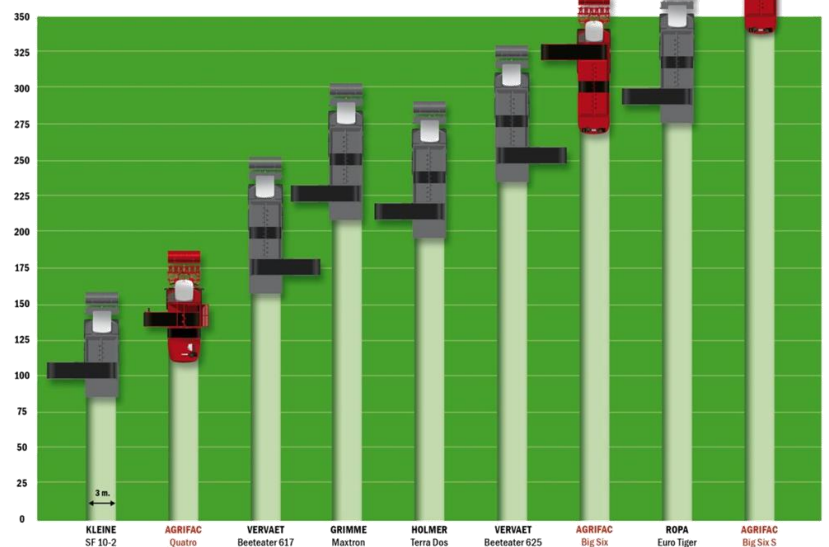
DEVELOPMENT OF AGRIFAC TURBINES AND TOTAL SUGAR BEET YIELD



Source: www.bietenstatistiek.nl

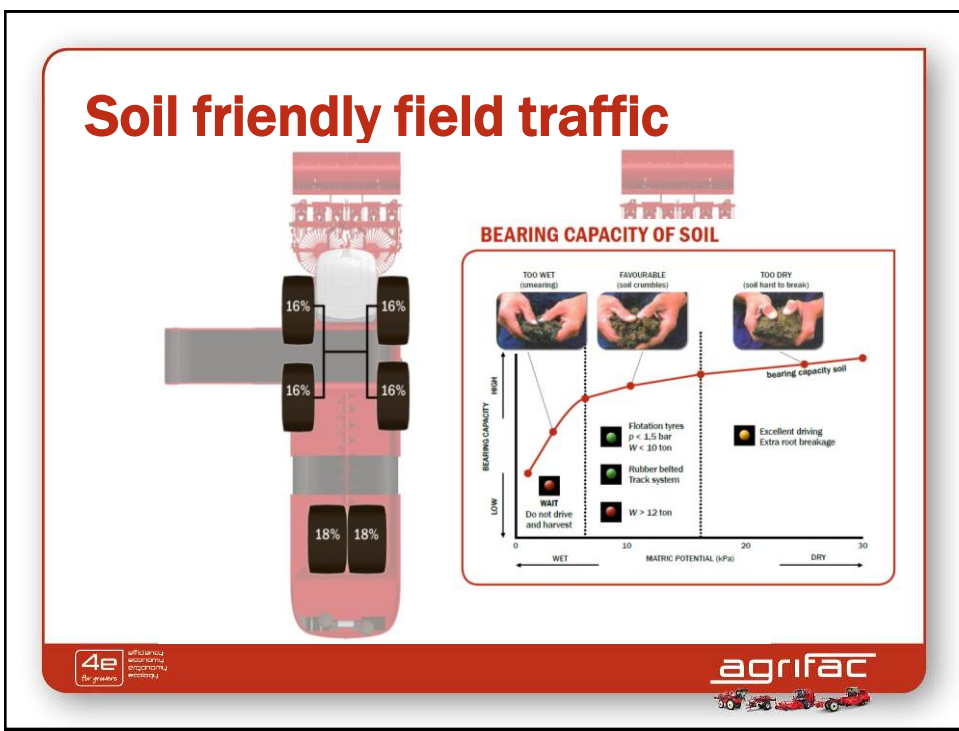


HARVESTING TRAVEL DISTANCE



45 cm row width, 100 ton yield





See you at the Agrifac stand

-  Dutch
-  English
-  French
-  German
-  Polish
-  Russian
-  Spanish



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www.agrifac.com & p.millenaar@agrifac.com

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