













### Vineyard condition

Type : Syrah

Date: 05/10/2016

Yields: 60-70 T/Ha

- Good sanitary conditions (even if the harvest period is later than other years in this area)
- Leaves began to dry and to begin yellow (we can imagine a lot of petiole)









# **Machines settings**

Working speed: 2,5 km/h (not important for the test)

• Shakers: 488 cp/min

Belts: 150 tr/min

Bottom fans : 2300 tr/min

EASYclean fingers: 596 cp/min

EASYclean chain: 251 tr/min

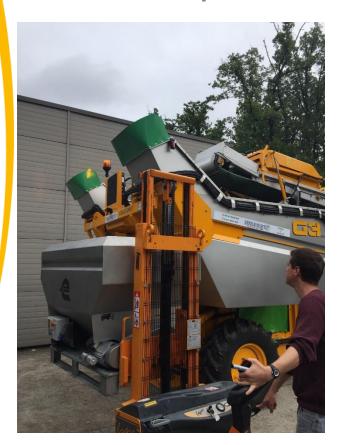








# Harvest sample



#### With EASYclean

# Without EASYclean









### 1% grape loses at EASYclean

- A tray was put on EASYclean exit.
- This tray collected all material extracted from EASYclean :
  - Leaves
  - Stalks
  - Petiole
  - Other MOG
  - Grapes
- EASYclean produce only 1% grape loses
- 1% is calculated on the total (juices+onto bins grapes+loses).







#### Juices level

- Juices quantity were compared.
- After 10 minutes harvest storage in little stainless steel bins (see below):

• Without EASyclean: 10,59%

• With EASYclean : 12,11%

• EASYclean produce only 1,5% more juice than standard machine.



Without EASYclean

With EASYclean





## **Manual sorting**

 All sample were sorted manually to ocmpare the EASYclean efficiency.

99,8% cleaning quality onto bins with EASYclean

