

grano.net[®]
helps you to:

Optimize the
production
quality/food safety

Apply the principles
of good agricultural
practices

Reduce environmental
impact and
management
costs

Make
informed
decisions

grano.net[®]

HORTA S.r.l.

(spin-off of the Università Cattolica del Sacro Cuore, Italy) supports, through grano.net[®], thousands of grain producers all over Italy and in other European Countries, helping them optimize costs and the cultivation of durum and common wheat.

Since 2012-2013 growing season, durum wheat features support Barilla's durum wheat production chains (granoduro.net[®] Barilla Sustainable Farming).

HORT@
— From research to field —

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grano.net[®]

EVERYDAY SIDE BY SIDE
WITH THE CEREAL FARMER

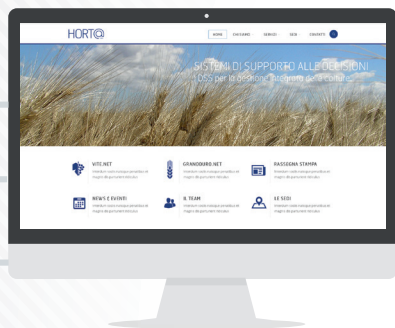
HORT@
— From research to field —

Spin Off di



UNIVERSITÀ
CATTOLICA
del Sacro Cuore

grano.net®: the only platform to improve the quality and quantity of durum and common wheat through an innovative and sustainable approach



grano.net® a

 **web assistance**
service for a sustainable management
of durum and common wheat

This web-based system is available in
real time
by entering your

 **username
and password**

 **24/7**
connection
Available anywhere

grano.net®, based on the agricultural and environmental conditions of each field helps users with:

- > Seed application rate
- > Potassium, phosphorus, nitrogen-based fertilization
- > Mechanical and chemical weeds control
- > Fungal disease infective risk monitoring (mildew, brown and yellow rust, Septoria Complex and Fusarium Head Blight)
- > Updated plant protection products and fertilizers databases
- > Protection level of last fungal treatment

> Seasonal weather data, nowcasting weather updates from local weather stations, and 7-day weather forecast on rain, air temperature, relative humidity and leaf wetness

> Production yield optimization, also based on the final use (e.g. common wheat for several bakery products)

> Mycotoxin monitoring (DON)

> Phenological monitoring

> Crop water balance

***Since 2012, HORTA wheat services are quality certified by CCPB S.r.l.**

