

BASIC INFORMATION

TARGET	Effect on yield and quality
CROP	Potato
RATE	2,5 l/ha / 5 l/ha + 2 l/ha
LOCATION	Kollumerwaard & PPO Vredepeel • The Netherlands
TRIAL DATE	2016
RESEARCHER(S)	Cebeco/Agrifirm



TRANSFORMER REDUCES WATERLOGGING, RUNOFF AND LEACHING

FIGURE 1

Effect on marketable yield

KOLLUMERWAARD, THE NETHERLANDS • 2016

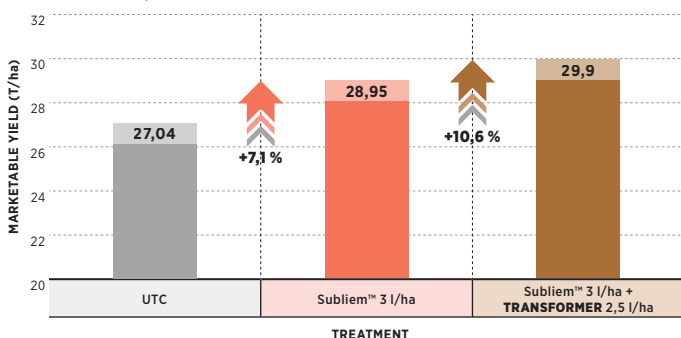
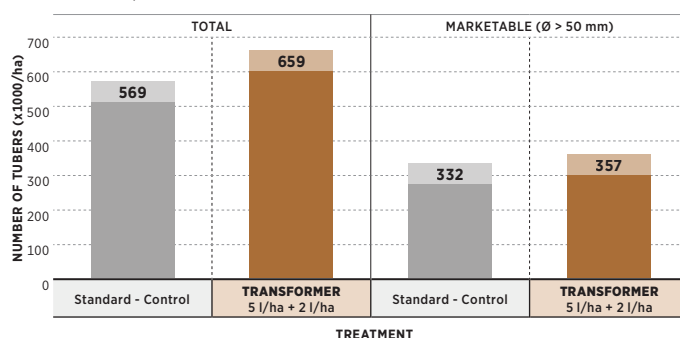


FIGURE 2

Effect on tuber production

Fontane variety

PPO VREDEPEEL, THE NETHERLANDS • 2016



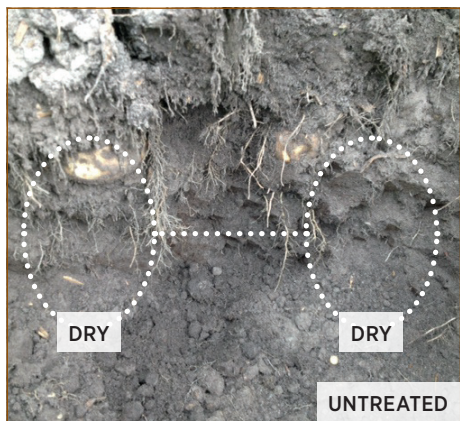
CONCLUSIONS

A set of trials were done in The Netherlands by Agrifirm, in 2016. The results of some of them are shown in the figures above. The use of **TRANSFORMER** has multiple positive effects on the production of potatoes.

TRANSFORMER can be applied together with soil-applied fungicides for in-furrow treatments, returning significant improvements in the control of fungus diseases like *Rhizoctonia solani* as well as higher marketable yield (Miller Research, 2014). Figure 1 shows the results obtained in a similar trial carried out by Agrifirm using the soil fungicide Subliem™ (Pencycuron + Fluoxastrobin) as standalone treatment and in combination with **TRANSFORMER**. The evaluation of the marketable yield gave 7,1 % more metric tons in the treatment with Subliem™ (3l/ha) but the addition of **TRANSFORMER** (2,5 l/ha) to the fungicide, increased yield by 3,5 percentage points.

Figure 2 shows the result of another trial done by Agrifirm. The trial compares a standard treatment with and without **TRANSFORMER**. The plots where **TRANSFORMER** was applied, produced on average 25000 more tubers per hectare than the plots treated only with the standard program.

The application of **TRANSFORMER** confers multiple positive aspects to the production of many crops and potatoes in particular, confirmed after several trials.



The images on the left show that when compared with an untreated plot, adding **TRANSFORMER**:

- improves lateral water distribution in soil.
- penetrates dense and hydrophobic pockets in soil.
- therefore increases the availability of nutrients to the plant.

PHOTOS COURTESY OF: AGRIFIRM

All brand names and trademarks are the property of their respective owners and are used hereonly for description.