

LL002

Increase of total yield
in non-irrigated conditions

B5



plantsforplants®

Potato



WUE



Biostimulation



TRIAL INFORMATION



Plants for Plants Life Project | This project is co-funded by the European Union's LIFE Programme under Grant Agreement LIFE18 ENV/NL/000043.



Project partner in Plants for Plants®.

- CROP: Potato - Fries
- VARIETY: Innovator
- DATE: 2020
- LOCATION: Padhoek, The Netherlands
- EXECUTED BY: Van Iperen B.V.
- APPLICATION: Foliar
- DEMONSTRATION TRIAL: B5



TRIAL SET-UP



| Control | Treated with LLo02 |
|-----------|---|
| Untreated | First application (6L/Ha) - 2 weeks after start of regrowth after ridging |
| Untreated | Second application (6L/Ha) - 15 days later |
| Untreated | Third application (6L/Ha) - 15 days later |

Application:

- Randomized blocks.
- 4 reps of 1.5 linear meter per item.



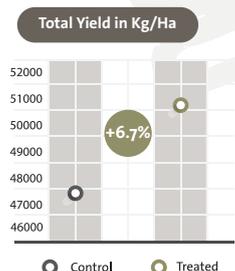
CONCLUSION

In non-irrigated conditions, we saw a 6.7% increase in total yield, and an increase in desired yield calibers, and fewer undesirables. This shows that LLo02 affected plant performance, especially that we were in non-irrigated conditions for both modalities.



RESULTS

INCREASED TOTAL YIELD | +6.7%



INCREASE IN DESIRED CALIBER YIELD

| | Yield (in Kg/Ha) per Category | |
|---------|-------------------------------|------------------------|
| | Desired calibers (> 45 mm) | Undesirables (< 45 mm) |
| Control | 45,761.67 | 2,200 |
| LLO02 | 50,423.33 | 973.33 |