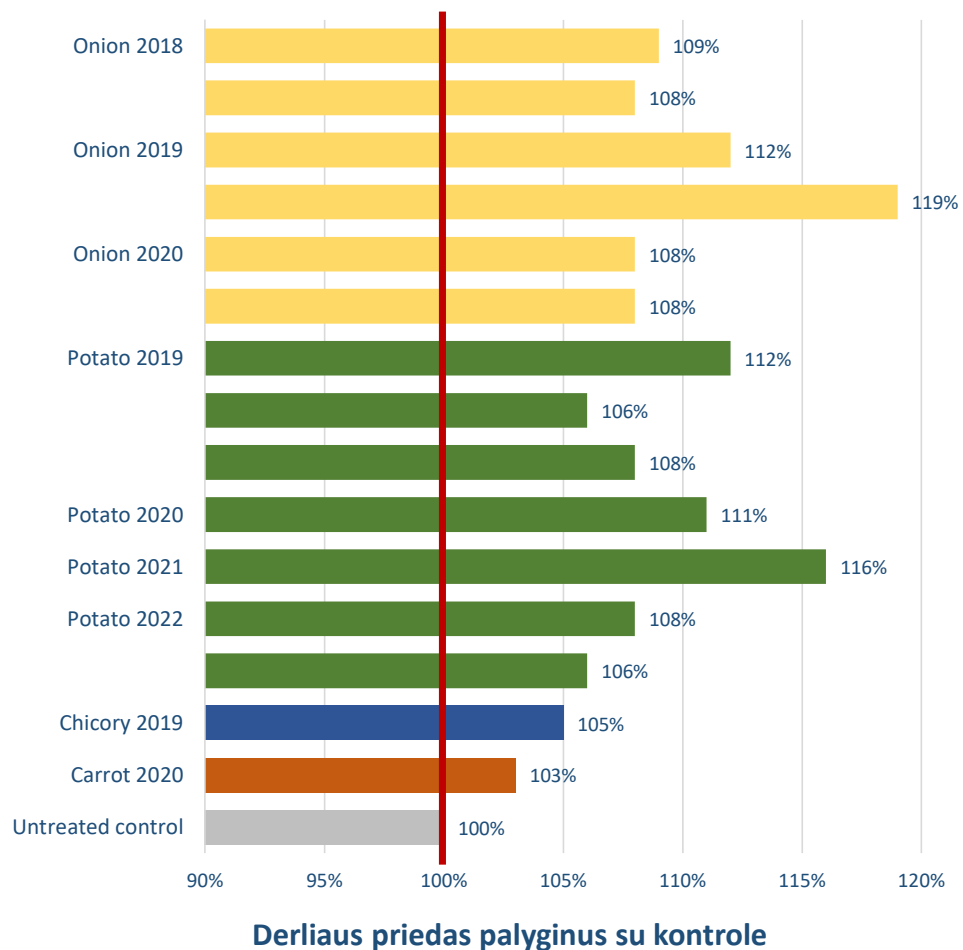




Optima Leaf-K



Rezultatai su Optima Leaf-K





Optima Leaf-MnZn+ efektyvumas bulvėse



Nepriklausomos mokslo įstaigos bandymas:

Tikslas: Optima Leaf-MnZn+ efektyvumas bulvėse

Bandymą atliko: Vertify

Vieta: Wijster, Olandija

Augalas: Bulvės, cv Fontane

Sezonas: 2022



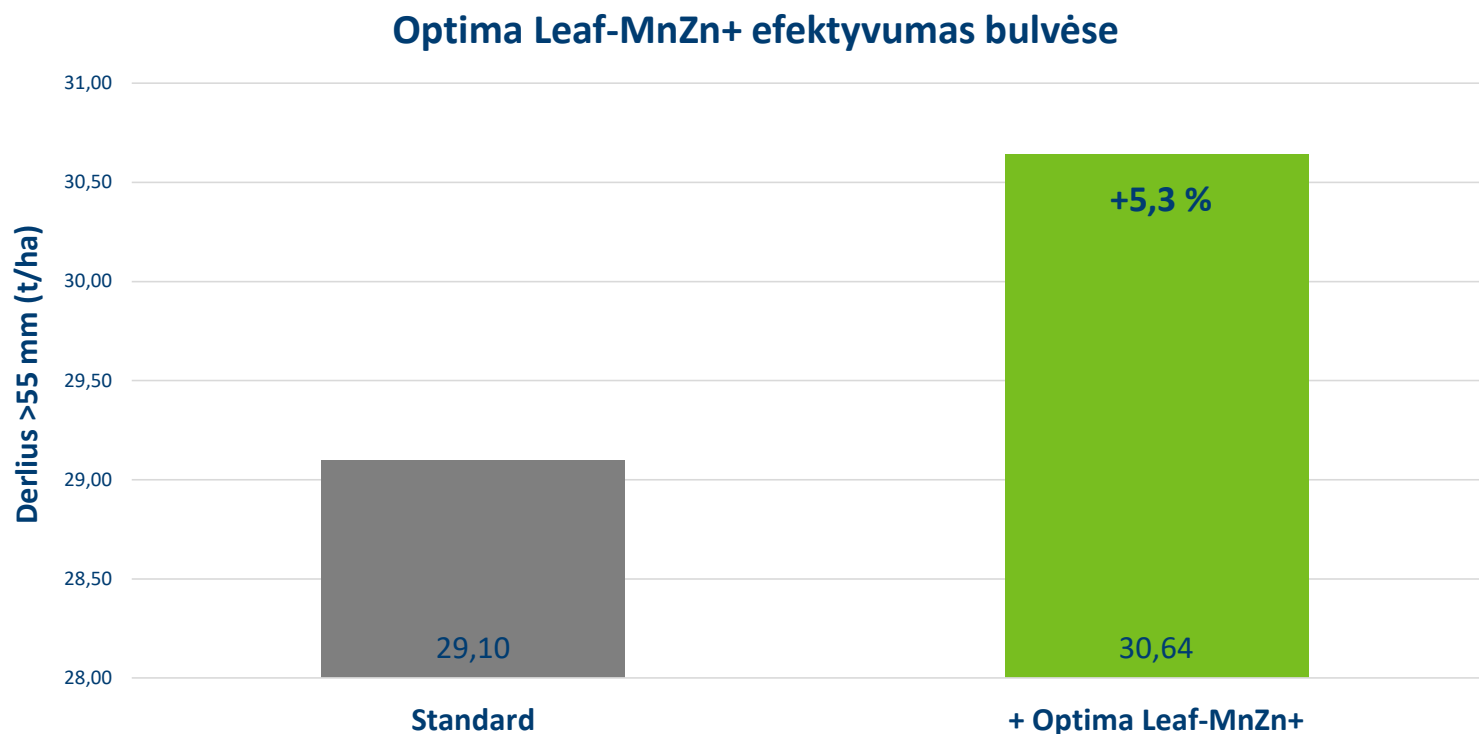
Produktas	Norma	Komentaras
Kontrolė	-	Nėra tręšimo per lapus
Optima Leaf-MnZn+	10x 1,0 l/ha @ ~7 dienų intervalais	Kartu su fungicidiniais purškimais



Optima Leaf MnZn+ efektyvumas bulvėse



Rezultatai:



Panaudojus **Optima Leaf-MnZn+** gautas 8,6 % didesnis derliaus priedas bulvėse (skaičiuojant bulves didesnes nei 55 mm)



Optima Leaf-MnZn+; Optima Vigor+, Optima Leaf MnZn+ efektyvumas bulvėse



Nepriklausomos mokslo įstaigos bandymas:

Tikslas: MnZn+, Optima Vigor+ ir Optima Leaf-K produktų palyginimas ir efektyvumas

Bandymą atliko: Essais+

Vieta: Ransart; Haut-de-France, Prancūzija

Augalas: Bulvės, cv Fontane

Sezonas: 2022



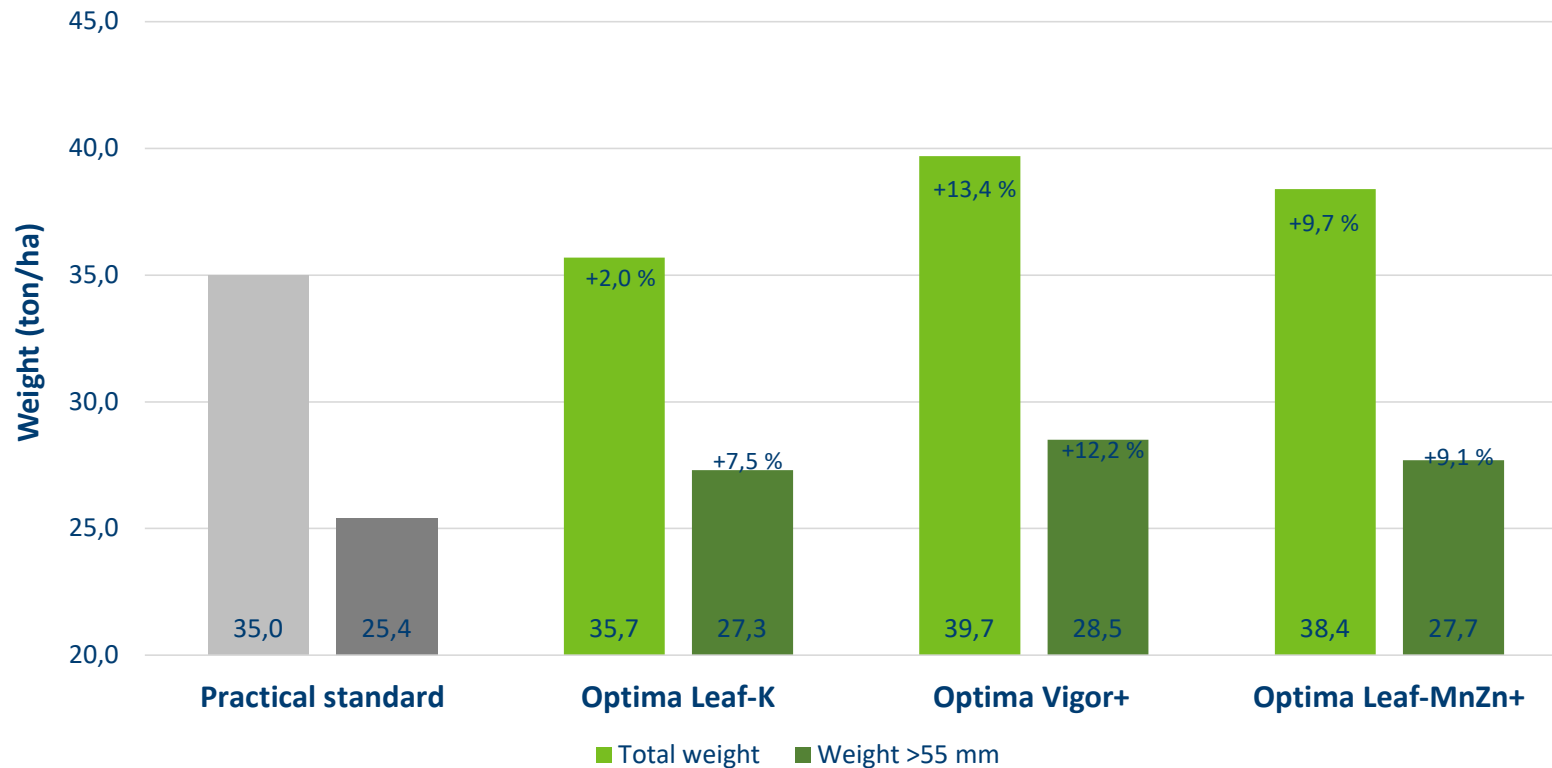
Produktas	Normos	Komentaras
Kontrolė	-	Nėra tręšimo per lapus
Optima Leaf-K	3x 5,0 l/ha @ ~14 dienų intervalais	1 purkimas pradedant formuotis gumbams
Optima Vigor+	3x 3,0 l/ha	Kartu su 2, 4 ir 6 fungicidu
Optima Leaf-MnZn+	8x 1,0 l/ha @ ~7 dienų intervalais	Kartu su fungicidiniais purškimais



Optima Leaf-MnZn+; Optima Vigor+, Optima Leaf MnZn+ efektyvumas bulvėse



Rezultatai:



Panaudojus **Optima Leaf-K**, **Optima Vigor+** ir **Optima Leaf-MnZn+** gautas didesnis derlius bulvėse (skaičiuojant bulves didesnes nei 55 mm)



Efficacy of Optima Leaf-K in potato

Trial design:

- Aim:** Demonstrate the efficacy of Optima Leaf-K in potato
- Trial station:** Grower in collaboration with Soiltech
- Crop:** Potato cv Fontane
- Location:** Watervliet, Belgium
- Period:** Growth season of 2019 (extreme dry summer)

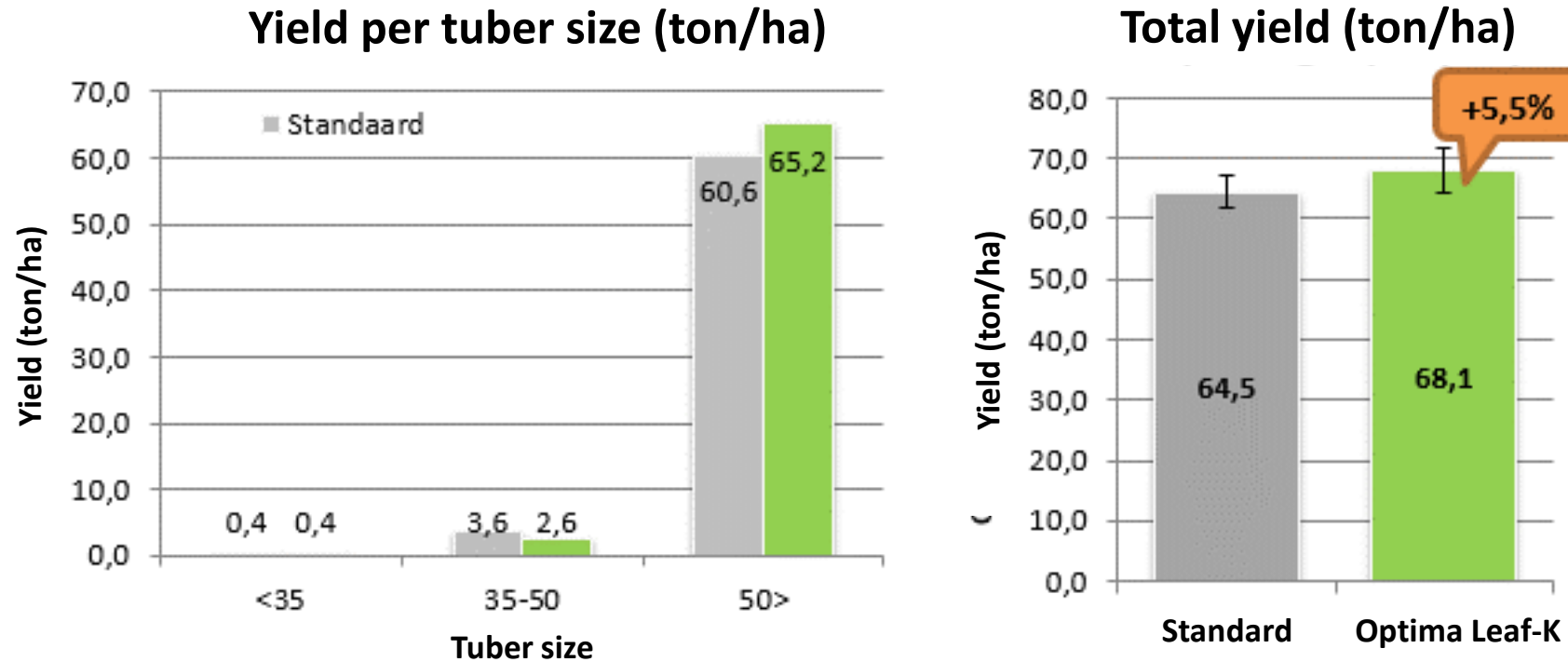


Product	Dosage	Additional remarks
Practical standard	-	-
Optima Leaf-K	3x 5 l/ha as foliar application	Applied in combination with the 5th, 7th and 9th fungicide treatment



Efficacy of Optima Leaf-K in potato

Results:



Application of 3x 5 l/ha **Optima Leaf-K** results in a **5,5 %** higher yield.
The **increased yield** was mostly from the **tubersize >50**.



Efficacy of Optima Leaf-K in (seed)potato

Trial-design:

- Aim:** Demonstrate the efficacy of Optima Leaf-K in (seed)potato
- Trial station:** SPNA Kollumerwaard, The Netherlands
Foliar fertilizer trial 2020
- Crop:** Potato cv Innovator

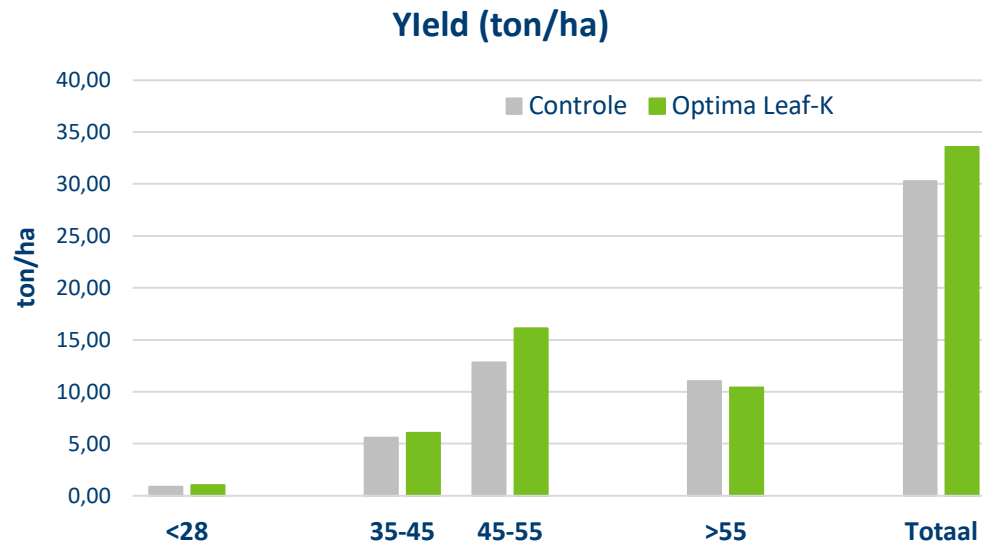


Product	Dosage	Additional remarks
Practical standard	-	-
Optima Leaf-K	3x 5 l/ha as foliar application (14 days interval)	First application at start of tuber bulking

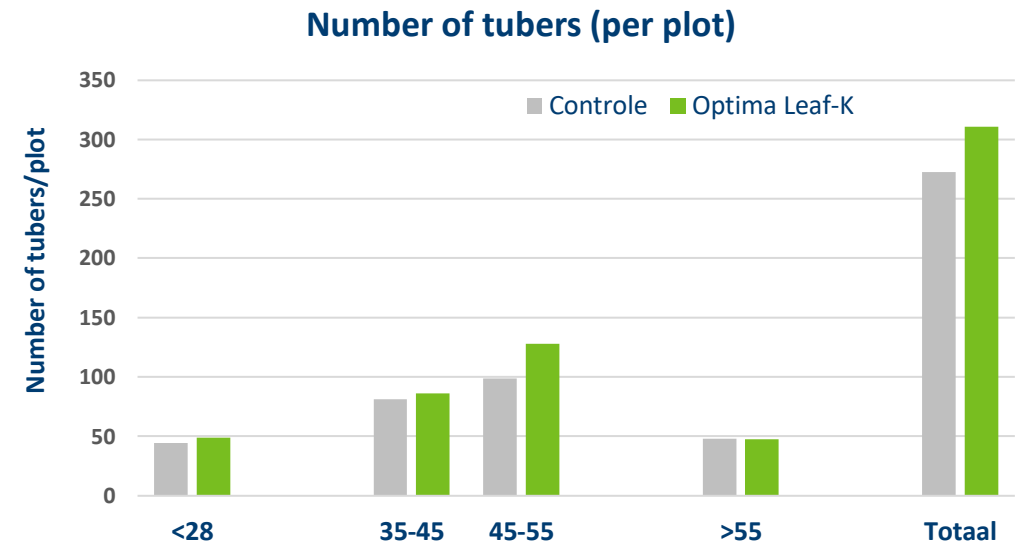


Efficacy of Optima Leaf-K in (seed)potato

Results:



**Application of 3x 5 l/ha Optima Leaf-K resulted in an increased yield of 10,8%.
For the tuber-size 35 – 55, the increased yield is 20,3%.**



The total number of tubers harvested was increased with 14,1% when plants were treated with 3x 5 l/ha Optima Leaf-K. For the tubersize 35 – 55, the increase was 18,9%.



Efficacy of Optima Leaf-K in (seed)potato

Trial lay-out:

- Aim:** Demonstrate the efficacy of Optima Leaf-K for (seed)potato
- Trial station:** Proefboerderij Rusthoeve, Colijnsplaat (NL)
Foliar fertilizer trial 2020
- Crop:** Potato cv Agria



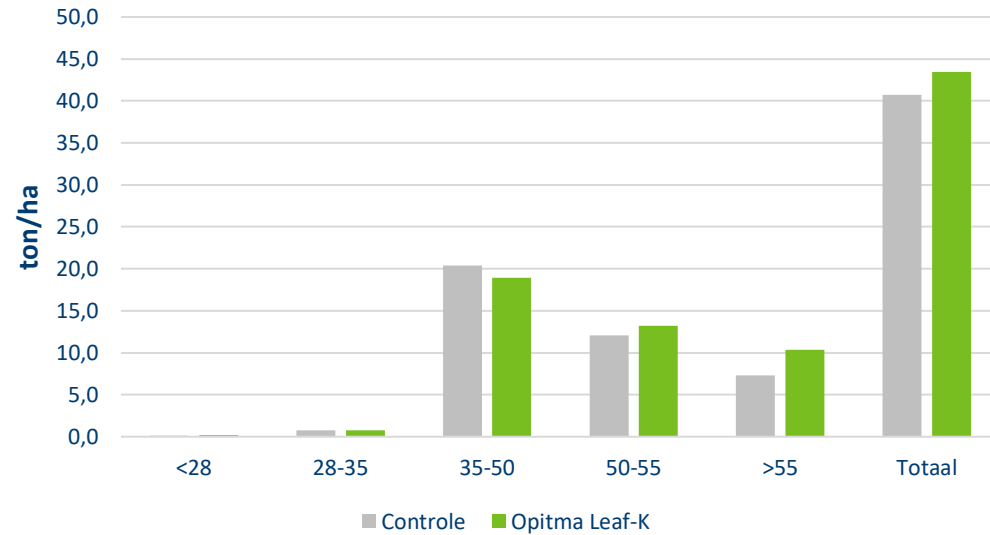
Product	Dosage	Remarks
Practical standard	-	-
Optima Leaf-K	3x 5 l/ha as foliar application (14 days interval)	First application when tubers started to swell



Efficacy of Optima Leaf-K in (seed)potato

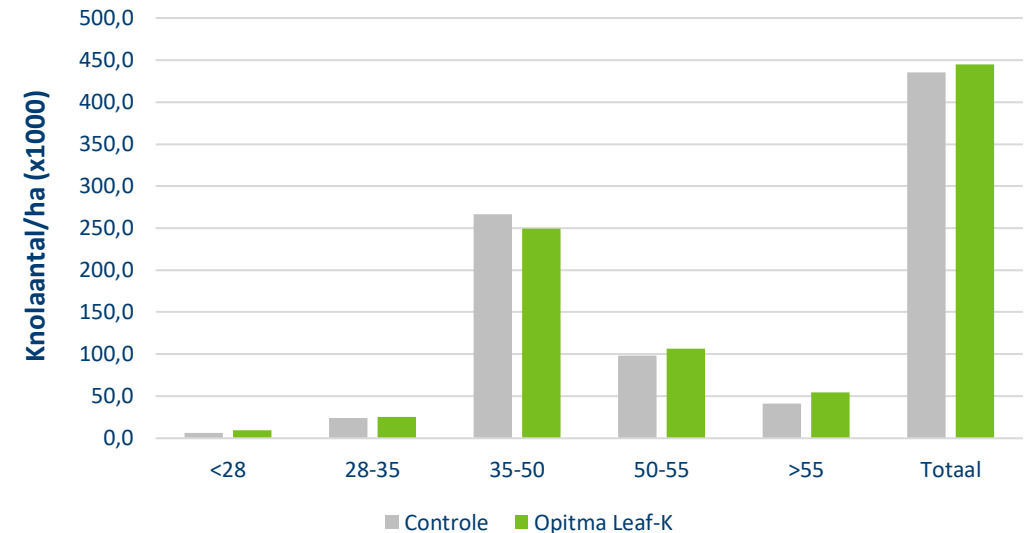
Results:

Optima Leaf-K in potato



Application of 3x 5 l/ha **Optima Leaf-K** resulted in a **6,8 % increased yields**; for the size **>50** the **increased yields** was **21,6%**

Optima Leaf-K in potato



Also the **total number of tubers** was increased by **2,2%**, for the size **>50** the increase was **15,7%**



Efficacy of Optima Leaf-K in potato



Trial-design:

Aim: Demonstrate the efficacy of Optima Leaf-K in potato.

Trial-station: PCA, Kruishoutem (Belgium)

Crop: Aardappel cv Fontane

Growth season: 2021



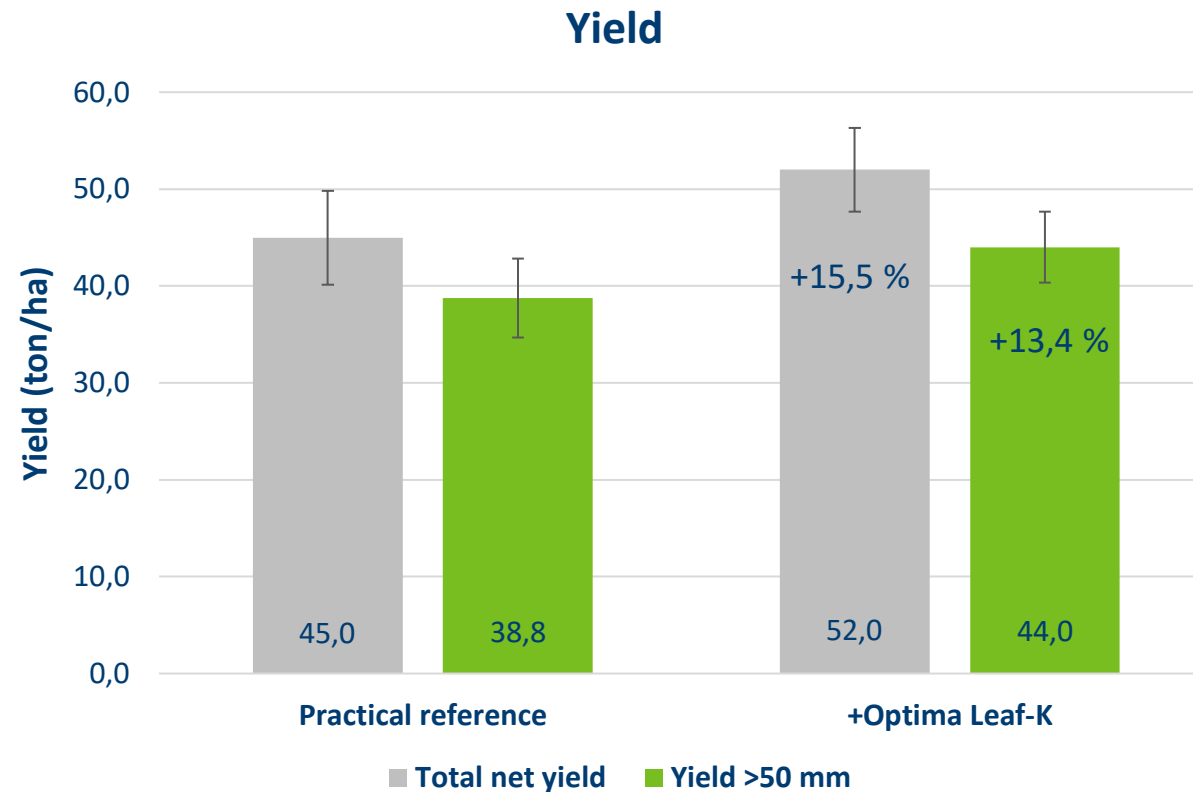
Product	Dosage	Remarks
Practical standard	-	-
Optima Leaf-K	3x 5 l/ha as foliar application (14 days interval)	First application when tubers started to swell



Efficacy of Optima Leaf-K in potato



Results:



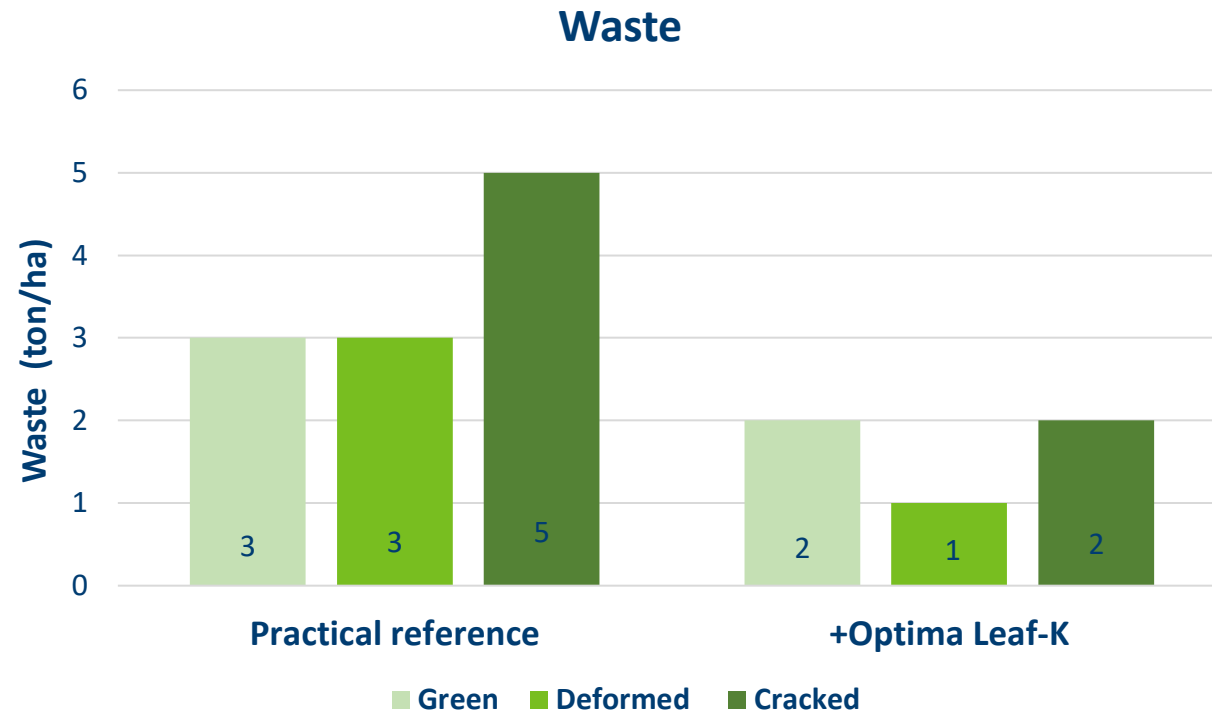
Application of **Optima Leaf-K** results in a **pronounced increased yield**.



Efficacy of Optima Leaf-K in potato



Results:



Product	Underwater-weight
Practical reference	405
+ Optima Leaf-K	416

Also the **quality improved**. Application of **Optima Leaf-K** resulted in **less waste** and an **increased underwater weight**.



Efficacy of Optima Leaf-K in potato

Trial-design:

- Aim:** Demonstrate the efficacy of Optima Leaf-K in potato
- Trial-station:** Vertify
- Location:** Wijster, The Netherlands
- Crop:** Potato, cv Fontane
- Growth season:** 2022

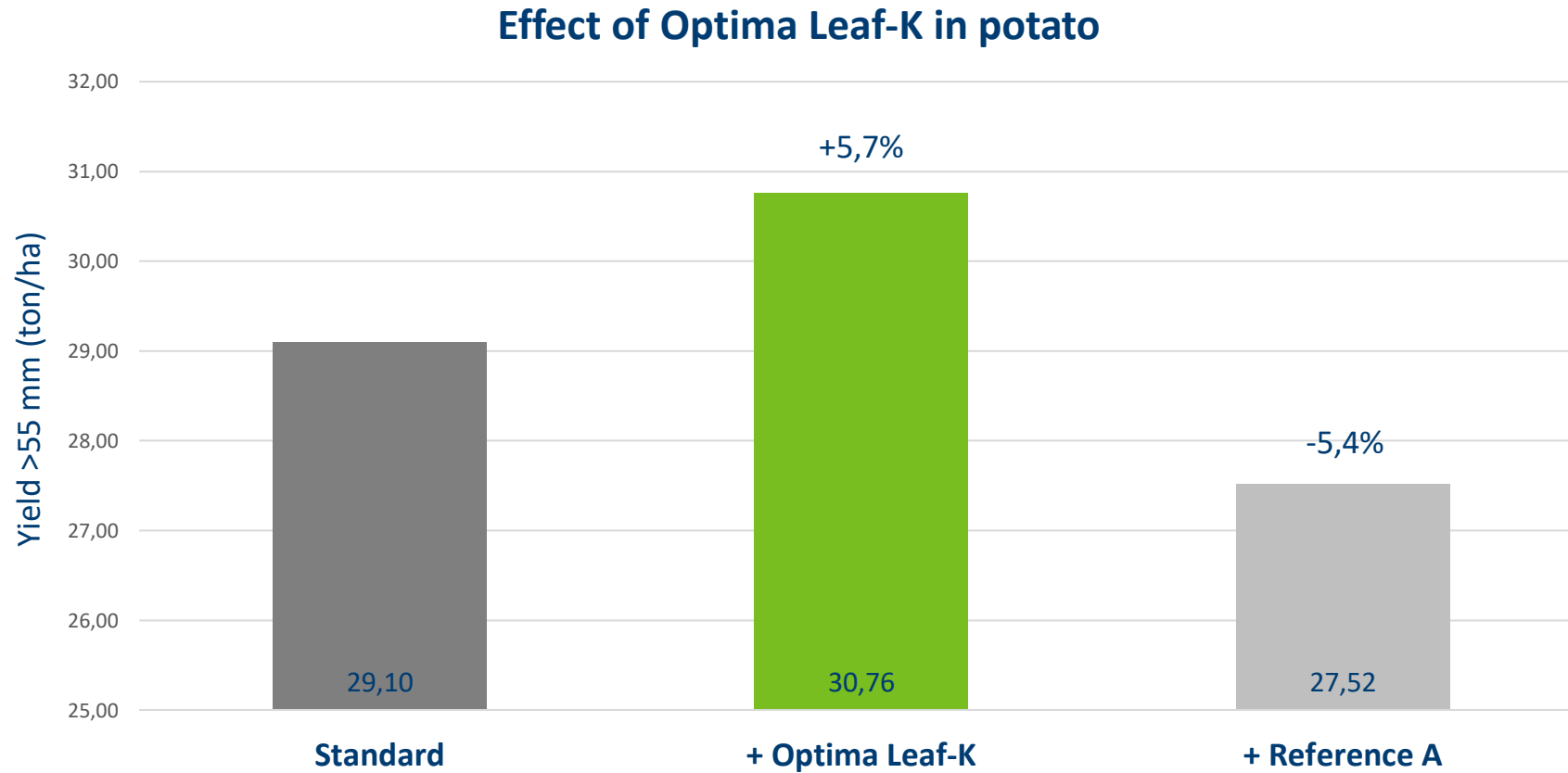


Product	Dosage	Remarks
Practical standard	-	Standard fertilisation and crop protection, no foliar fertilisers
+ Optima Leaf-K	3x 5,0 l/ha @ ~14 day interval	1st application at start of tuber bulking
+ Reference A	3x 5,0 l/ha @ ~14 day interval	1st application at start of tuber bulking



Efficacy of Optima Leaf-K in potato

Results:



The Soiltech foliar fertiliser **Optima Leaf-K** demonstrate a pronounced **increased yield** for the **tuber size >55 mm** of **+5,7%**.



Efficacy of Optima Leaf-K in potato

Trial-design:

- Aim:** Demonstrate the efficacy of Optima Leaf-K in potato
- Trial-station:** Vertify
- Location:** Wijster, The Netherlands
- Crop:** Potato, cv Fontane
- Growth season:** 2022

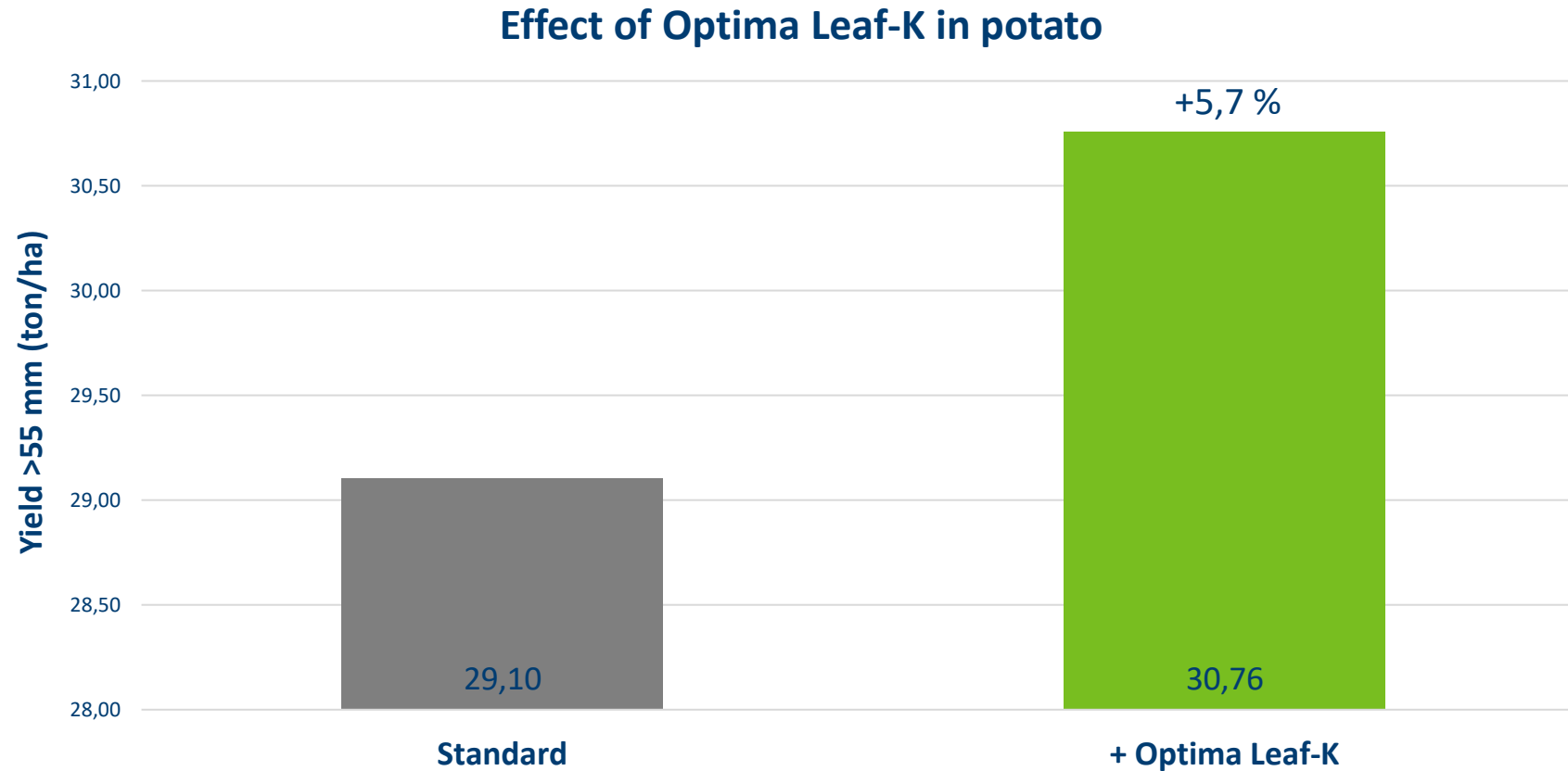


Product	Dosage	Remarks
Practical standard	-	Standard fertilisation and crop protection, no foliar fertilisers
+ Optima Leaf-K	3x 5,0 l/ha @ ~14 day interval	1st application at start of tuber bulking



Efficacy of Optima Leaf-K in potato

Results:



The Soiltech foliar fertiliser **Optima Leaf-K** demonstrate a pronounced **increased yield** for the **tuber size >55 mm** of **+5,7%**.



Efficacy of Optima Leaf-K in potato

Trial-design:

- Aim:** Demonstrate the efficacy of Optima Leaf-K in potato
- Trial-station:** Essais+
- Location:** Ransart; Haut-de-France, France
- Crop:** Potato, cv Fontane
- Growth season:** 2022

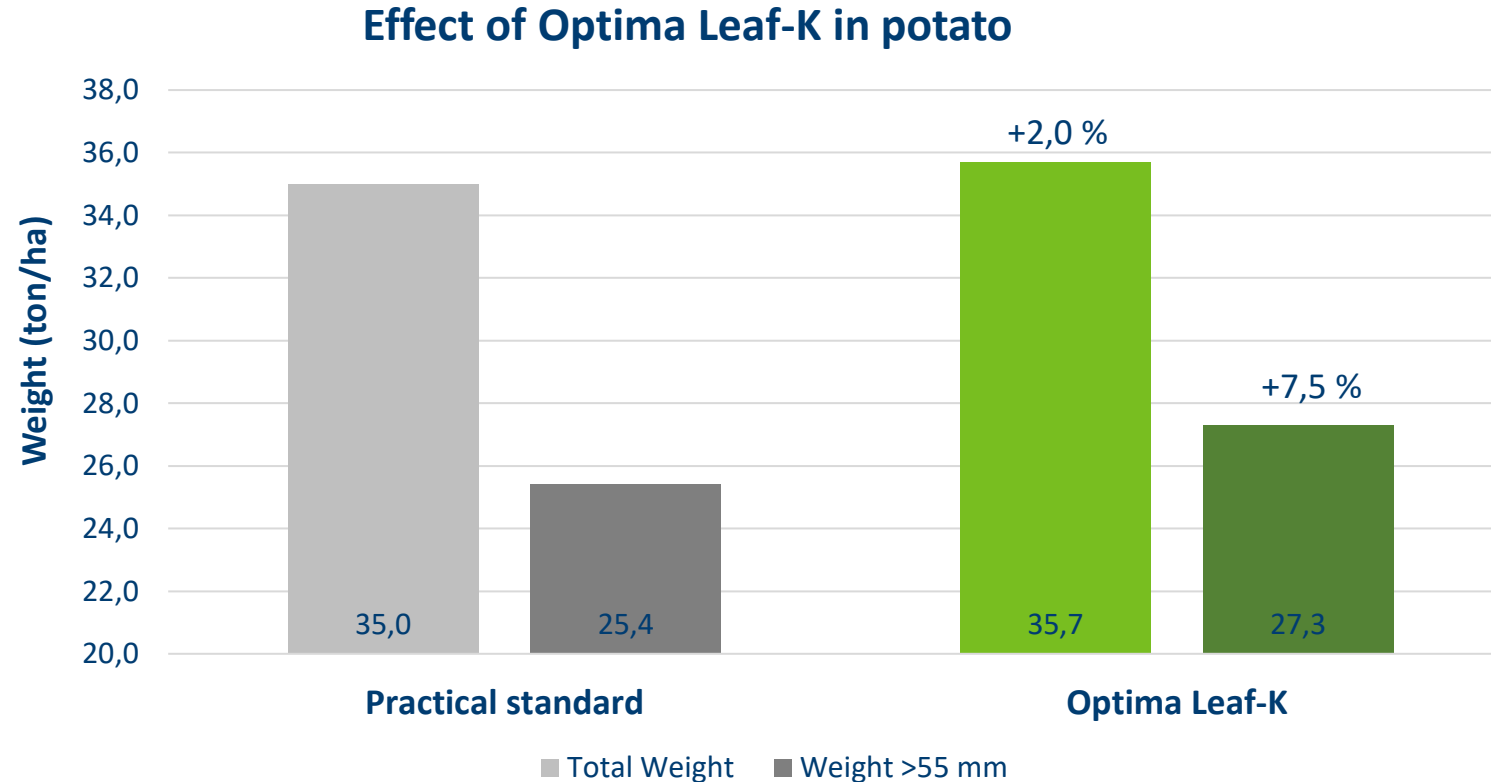


Product	Dosage	Remarks
Practical standard	-	Standard fertilization and crop protection, no foliar fertilizers
+ Optima Leaf-K	3x 5,0 l/ha @ ~14 day interval	1st application at start of tuber growth



Efficacy of Optima Leaf-K in potato

Results:



The application of **Optima Leaf-K** resulted in a **pronounced yield increase**. For the **tuber size >55 mm**, the **yield increase** was **+7,5%** compared to the practical standard.



Efficacy of Optima Vigor+ in potato



Trial-design:

- Aim:** Demonstrate the efficacy of Optima Vigor+ in potato
- Trial Station:** Proefcentrum voor de aardappelteelt (PCA)
- Location:** Kruishoutem, Belgium
- Crop:** Potato cv Fontane
- Growth season:** 2021



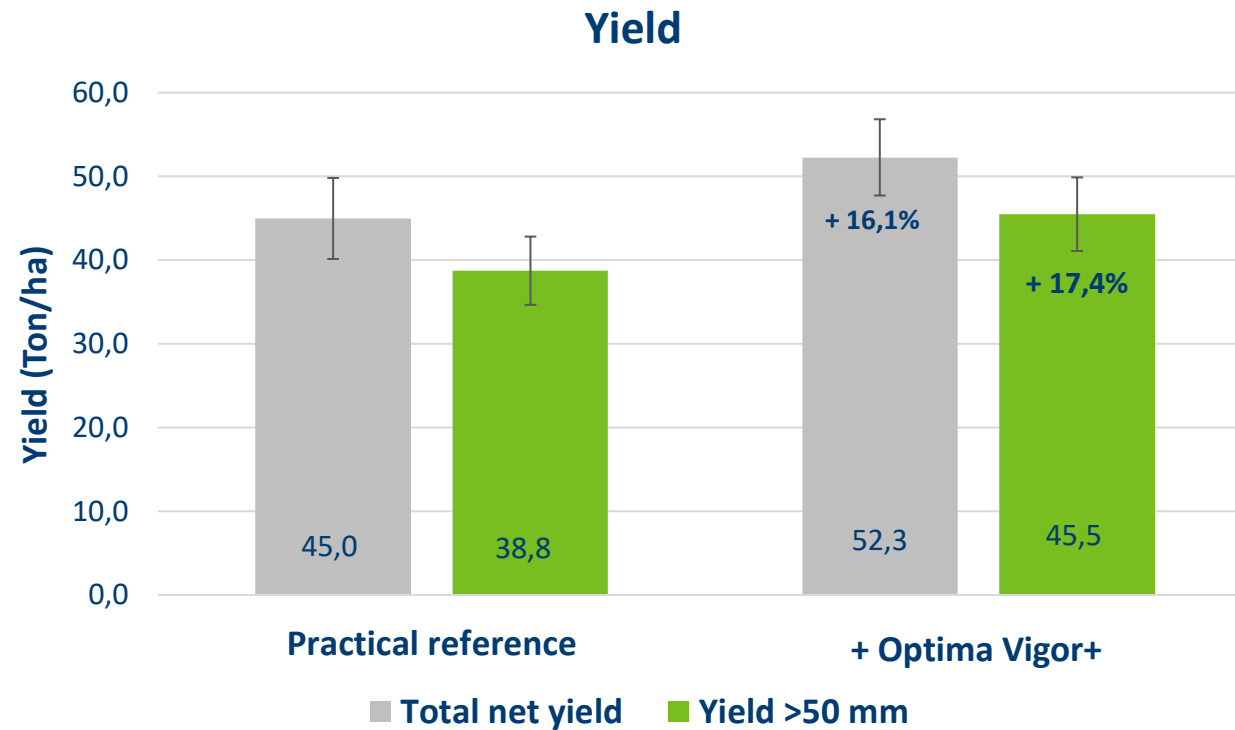
Product	Dosage	Remarks
Practical reference	-	Standard fertilization and crop protection, no foliar fertilizers
+ Optima Vigor+	3x 3,0 l/ha	Foliar spray during vegetative growth



Efficacy of Optima Vigor+ in potato



Results:



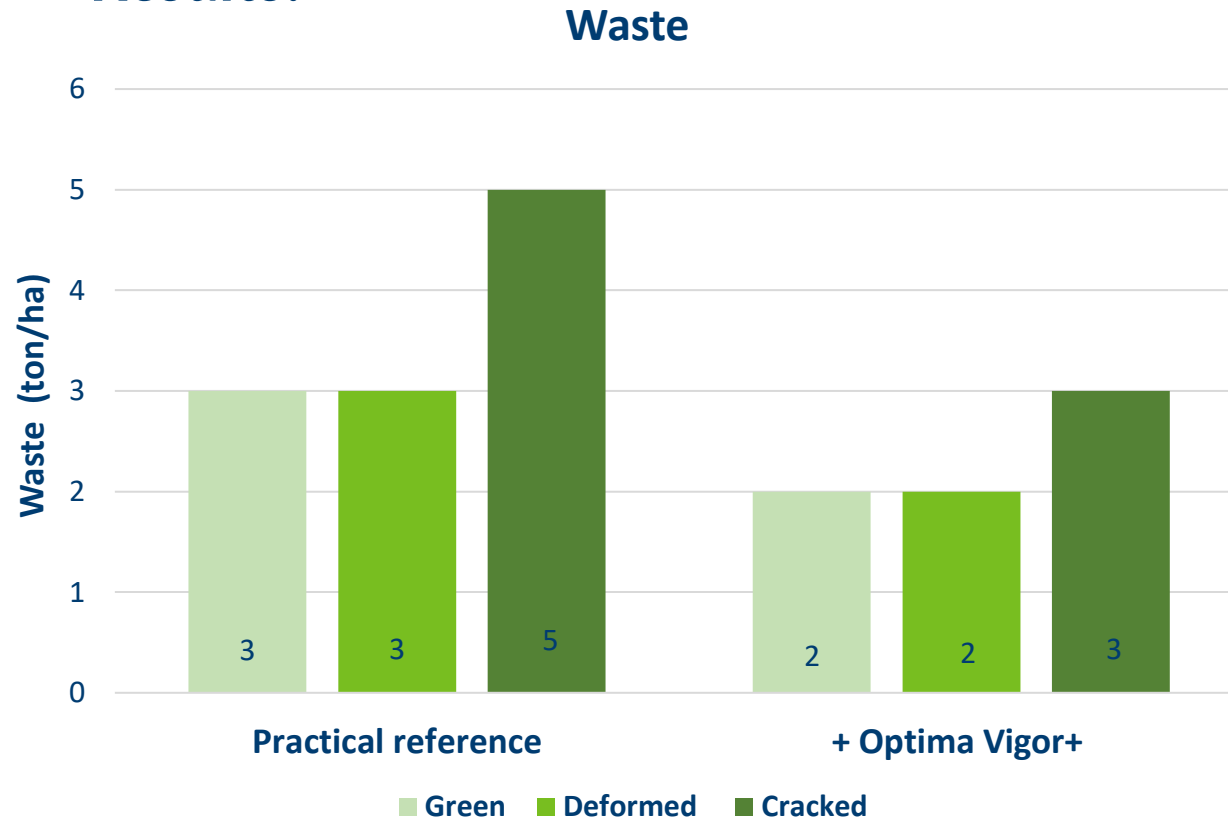
Application of **Optima Vigor+** resulted in a **pronounced increased yield**.



Efficacy of Optima Vigor+ in potato



Results:



Product	Underwater weight
Practical reference	405
+ Optima Vigor+	407

Also the **quality improved**. Application of **Optima Vigor+** resulted in **less waste** and an **increased underwater weight**.



Efficacy of Optima Vigor+ in potato

Trial-design:

Aim: Demonstrate the efficacy of Optima Vigor+ in potato

Trial-station: Essais+

Location: Ransart; Haut-de-France, France

Crop: Potato, cv Fontane

Growth season: 2022

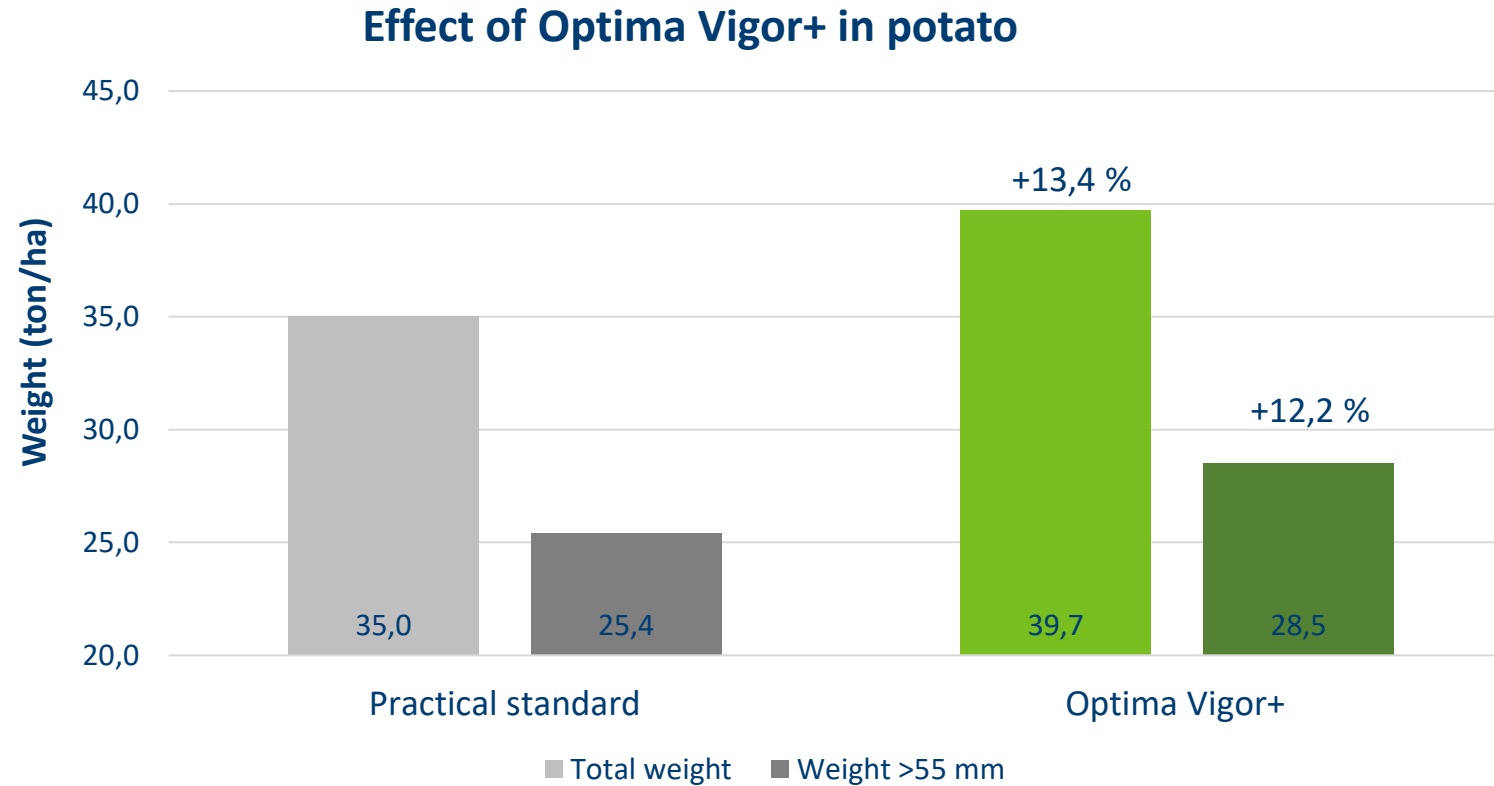


Product	Dosage	Remarks
Practical standard	-	Standard fertilization and crop protection, no foliar fertilizers
+ Optima Vigor+	3x 3,0 l/ha	Combined with 2nd, 4th and 6th fungicide application



Efficacy of Optima Vigor+ in potato

Results:



The application of **Optima Vigor+** resulted in a **pronounced yield increase of +13,4%**. For the **tuber size >55 mm**, the **yield increase** was **+12,2%** compared to the practical standard.



Efficacy of Optima Vigor+ in potato

Trial-design:

- Aim:** Demonstrate the efficacy of Optima Vigor+ in potato
- Trial-station:** Vertify
- Location:** Wijster, The Netherlands
- Crop:** Potato, cv Fontane
- Growth season:** 2022

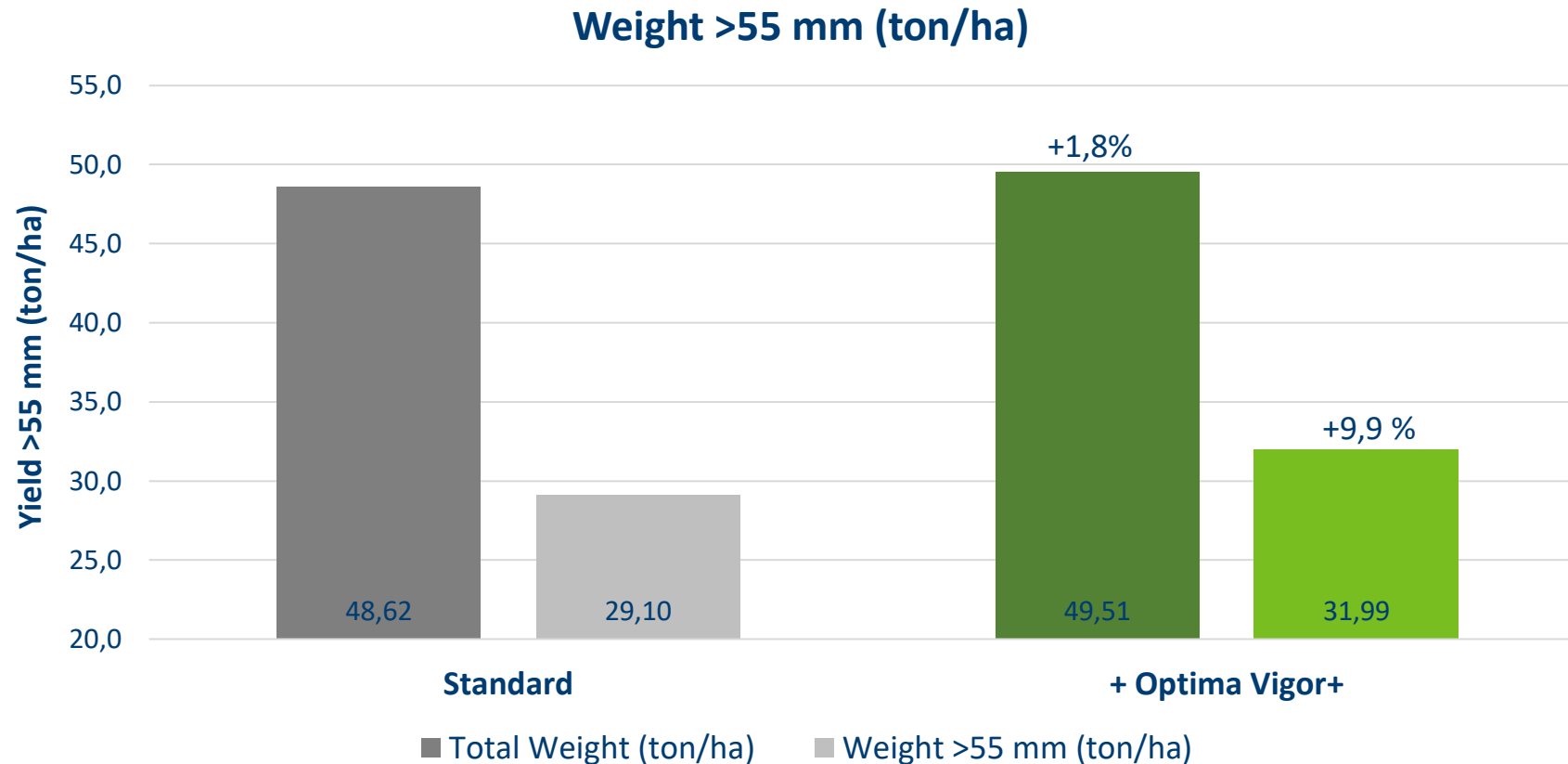


Product	Dosage	Remarks
Practical standard	-	Standard fertilisation and crop protection, no foliar fertilisers
+ Optima Vigor+	3x 3,0 l/ha	Combined with 1st, 3rd and 5th fungicide application



Efficacy of Optima Vigor+ in potato

Results:



The Soiltech foliar fertiliser **Optima Vigor+** demonstrates an **increased yield** of **+1,8%**. For the **tuber-size >55 mm**, the **increased yield** was even more pronounced with a **yield increase** of **+9,9%**.