



Knowledge grows

YaraAmplix™ OPTITRAC™

Stimulates flowering and fruit set

YaraAmplix™ OPTITRAC™ is a liquid formulation for foliar applications based on a combination of nutrients and bioactive components. It was developed to alleviate the impact of abiotic stress conditions and help the plant during periods of high metabolic demand in order to enhance flowering, fruit set and improve yield quality and quantity.



Improves nutrient use efficiency of Zn & B

Increases plant greenness

Increases yield

Enhances flowering and fruit set

Fruitful

YaraAmplix OPTITRAC stimulates flowering and enhances fruit set, leading to higher yield and improved crop quality. It also promotes overall plant greenness.



Efficient

YaraAmplix OPTITRAC improves nutrient uptake and utilization of zinc (Zn) and boron (B), setting the crop for optimal yield potential.



Resilient

YaraAmplix OPTITRAC enhances the plant's tolerance to abiotic stress, protecting the plant and helping to secure yield during sensitive stages such as flowering.

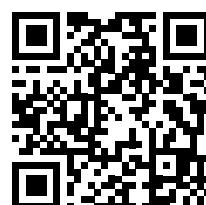


Composition and physical properties

| Composition | | |
|------------------------------------|-----------|--|
| Organic matter components | | Carbohydrates, sugar alcohols, amino acid/amino functional plant metabolites, organic acids, vitamins and anti-oxidants. |
| Total organic carbon | 10.0% w/w | 11.7% w/v |
| Nitrogen (N) | 5.6% w/w | 6.5% w/v |
| Potassium oxide (K ₂ O) | 2.3% w/w | 2.7% w/v |
| Zinc (Zn) | 1.1% w/w | 1.3% w/v |
| Boron (B) | 1.1% w/w | 1.3% w/v |
| Density | pH | Color |
| 1.17 kg/l | 7 - 8 | Dark green-brown |

Tank-mixability

YaraAmplix OPTITRAC is both safe and effective. It has very good tank mixability and can be co-applied with many plant protection products and foliar fertilizers, saving both time and money.



For more information scan the QR code.

Recommendation of use

Rates and timings for application may vary according to country/market, so always consult the product label before use.

| Crop | Rate | Application timing |
|-----------------------------------|-----------|---|
| Fruiting vegetables & fruit crops | 2-3L/ha | 2-3 applications every 10-14 days at pre-flowering, flowering and fruit set |
| Leafy vegetables | 1-3L/ha | 2-3 applications every 10-14 days at early vegetative stage |
| Broadacre crops | 0.5-2L/ha | 1-2 applications every 10-14 days at early vegetative stage |

YaraAmplix™ OPTITRAC™ in Action

Trial conducted in Belgium by the research institute Proefcentrum Fruitteelt vzw in 2020 to evaluate the effect of YaraAmplix OPTITRAC on the yield and quality of apples under field conditions.

Cultivar: Topaz (Rootstock: M9). Plot size: 6 trees/replicate. N= 4 replicates/treatment. Application rate: 1LT/ha



53.1% yield increase in higher fruit classes (>70 mm)*



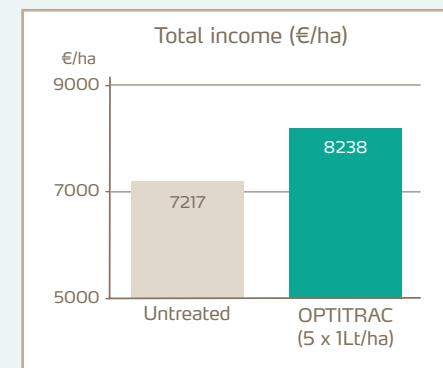
3.1% increased number of fruits per tree*



14.6% increased yield*

*with YaraAmplix OPTITRAC compared to untreated crop

Apple – Total income & ROI



| | Yield (ton/ha) | Total income (€/ha) | Cost of program (€/ha) | Net Profit (€/ha) | ROI |
|-----------------------|----------------|---------------------|------------------------|-------------------|-----|
| Untreated | 8.9 | 7217 | 0 | 0 | 0 |
| OPTITRAC (5 x 1Lt/ha) | 10.2 | 8238 | 62.5 | 958 | 15 |

YaraAmplix™ OPTITRAC™ increased total income compared to untreated and gave a ROI of 15.