



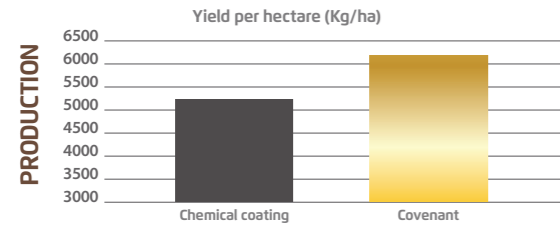
Covenant



Success stories

Covenant Vs. Chemical Coating on Wheat

Covenant treated plants showed higher yield (17% more) and specific weight (3% more).

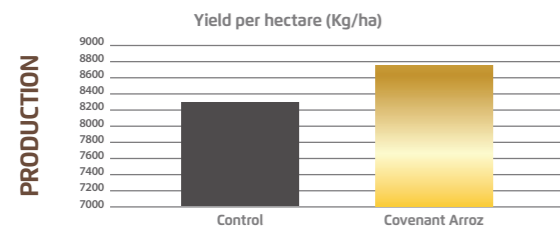


Chemical coating: 5220 Kg/ha
Covenant: 6100 Kg/ha



Covenant Arroz - Rice

Covenant Arroz reduced the mortality of plants compared to the chemical coating and to the untreated control, improving the productivity in more than 400 Kg/ha.

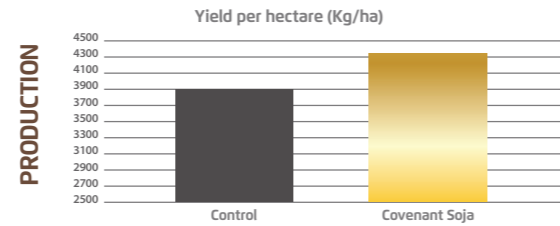


Testigo: 8317 Kg/ha
Covenant Arroz: 8754 Kg/ha



Covenant Soja - Soybean

Covenant Soja increased the number of plants (5.7%), the weight of individual grains (4.2%), and finally the total productivity (11.2%).

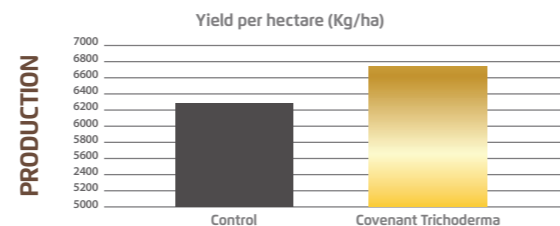


Control: 3896 Kg/ha
Covenant Soja: 4322 Kg/ha

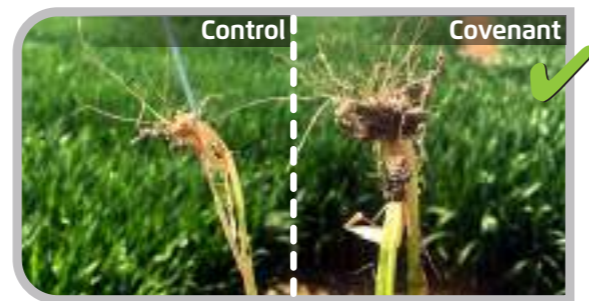


Covenant Trichoderma en wheat

Covenant Trichoderma increased the quality (protein content) and productivity compared to chemical coating.

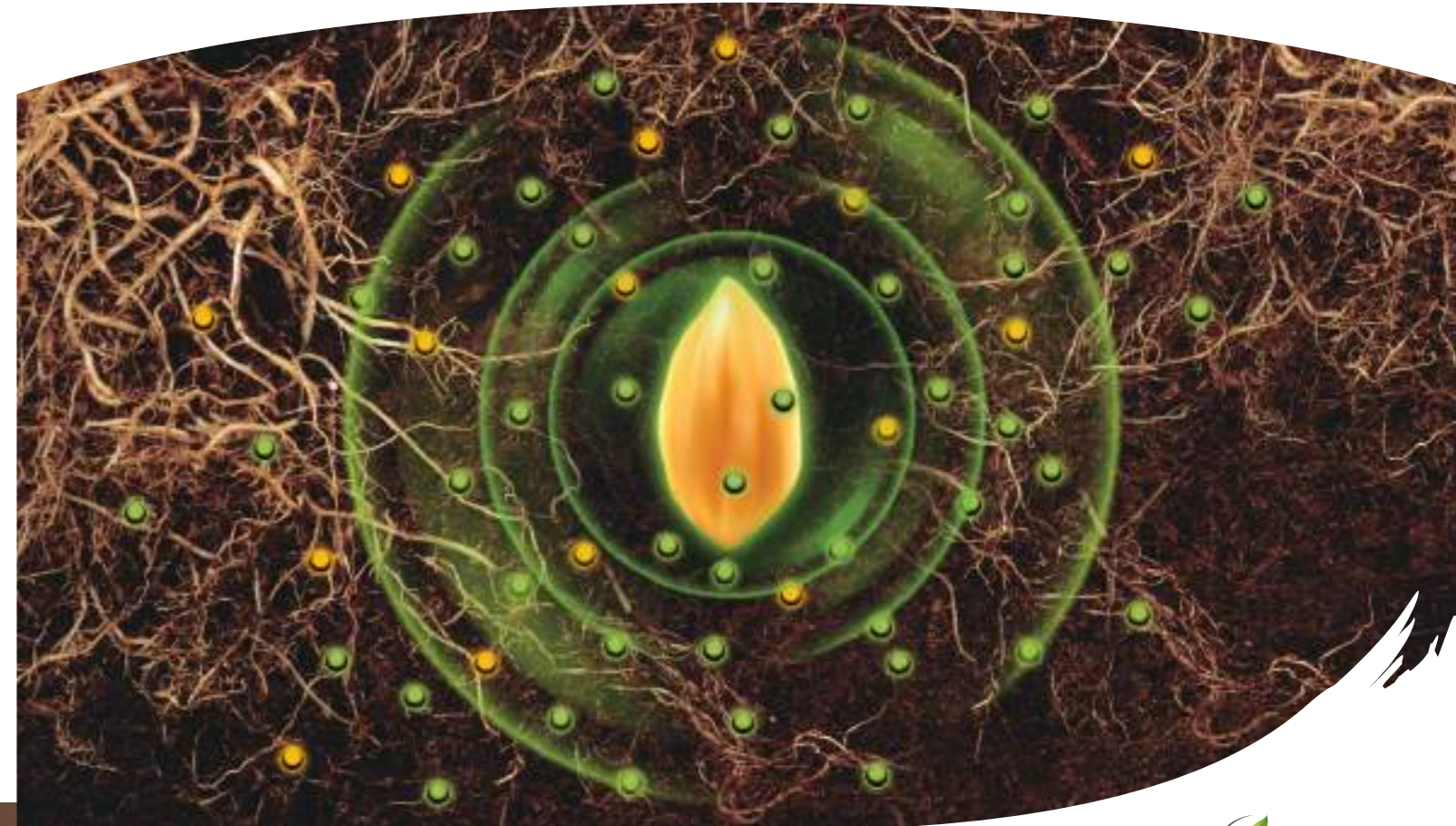


Testigo: 6300 Kg/ha
Covenant: 6750 Kg/ha



The power of MYCORRHIZA with the support of the TRICHODERMA for seed coating

Covenant



Product developed and manufactured by:



Follow us:



Quality, care, production and balance

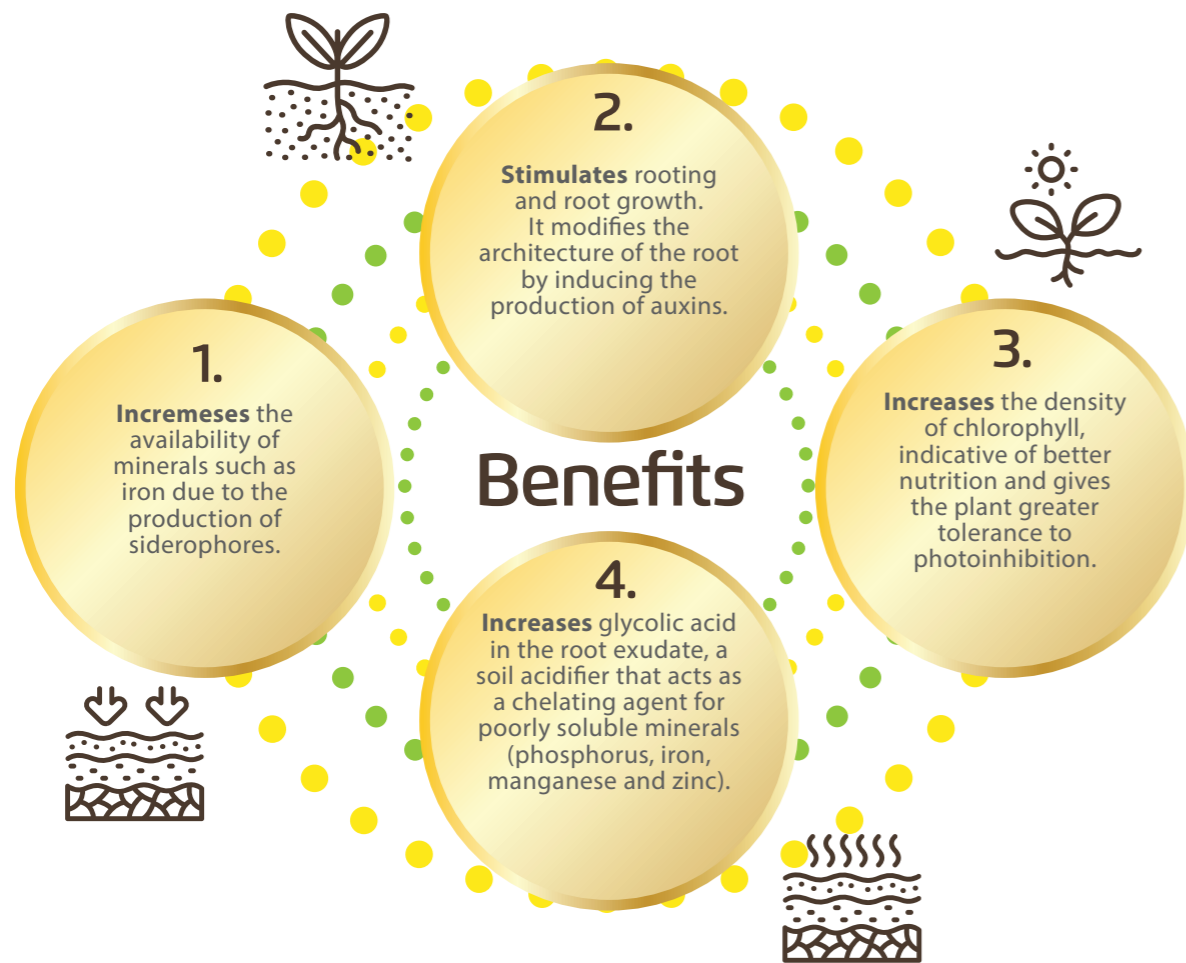





Composition:

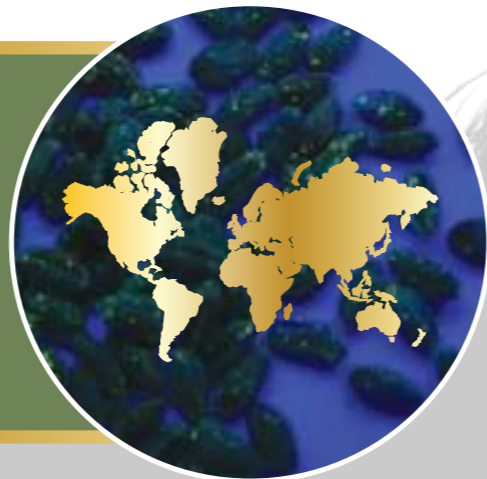
COVENANT is an inoculum based on mycorrhiza (*Rhizoglo mus irregulare* BEG72 y *Funneliformis mosseae* BEG234), *Trichoderma koningii* TK7 and rhizosphere bacteria specially formulated for the industrial liquid coating of seeds.

COVENANT is a biostimulant product designed to increase the resistance of crops against abiotic stress situations, enhancing the root system.



International Patent:

COVENANT is a product developed and patented (WO / 2017/068218) by **ATENS** for the treatment of seeds. **COVENANT** incorporates a unique technology that allows the spores of our fungi and bacteria to adhere to the surface of the seeds in an effective and stable way. **COVENANT** contains strains of the exclusive **ATENS** microorganisms, selected for their efficacy and benefits in the main crops, both extensive and horticultural.




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|--------------------------------------|-------------------------|
| <i>Rhizoglo mus irregulare</i> BEG72 | 230 sp/g |
| <i>Funneliformis mosseae</i> BEG232 | 230 sp/g |
| <i>Trichoderma koningii</i> TK7 | 3x10 ⁸ CFU/g |
| Rhizosphere bacteria | 1x10 ⁷ CFU/g |

Dose of application:

| Crop | Dose of Covenant |
|---------------------------------|-----------------------|
| Wheat, sunflower, rice, onion | 150 g/100 kg of seed |
| Corn, soybean | 200 g/100 kg of seed |
| Other legumes, pelletized seeds | 250 g/100 kg of seed |
| Zucchini, melon | 1000 g/100 kg of seed |
| Garlic clove | 1200 to 1500 g/hectar |
| Lolium perenne | 200 g/100kg of seed |
| Festuca arundinacea | 200 g/100kg of seed |




| | |
|--------------------------------------|-------------------------|
| <i>Trichoderma koningii</i> TK7 | 2x10 ⁹ CFU/g |
| Rhizosphere bacteria | 1x10 ⁷ CFU/g |
| <i>Rhizoglo mus irregulare</i> BEG72 | 1% |

Dose of application:

| Cereals | Legumes |
|--|--|
| 20g of COVENANT TRICHODERMA and 50 ml of adhesive per 100 kg of seed in 700-800 ml of water. | 40g de COVENANT TRICHODERMA and 50-100 ml of adhesive per 100 kg of seed in 700-800 ml of water. |

COVENANT TRICHODERMA is provided together with our liquid adhesive.




| | |
|--------------------------------------|-------------------------|
| <i>Trichoderma koningii</i> TK7 | 4x10 ⁸ CFU/g |
| <i>Bradyrhizobium japonicum</i> | 2x10 ⁹ CFU/g |
| <i>Rhizoglo mus irregulare</i> BEG72 | 2% |

Dose of application:

Dilute 200g of product in 800 ml of water to treat 100 kg of soybeans.

Bradyrhizobium japonicum is an atmospheric nitrogen (N₂) fixing bacteria with high efficiency and specific for soybean.




| | |
|--------------------------------------|-------------------------|
| <i>Trichoderma koningii</i> TK7 | 2x10 ⁹ CFU/g |
| Rhizosphere bacteria | 1x10 ⁷ CFU/g |
| <i>Rhizoglo mus irregulare</i> BEG72 | 1% |

Dose of application:

Industrial coating and water-logged soil seeding

20-30 g of COVENANT ARROZ + 100 ml of waterproof seed film per 100 kg of seed in 700-800 ml of water.

COVENANT ARROZ is provided together with our liquid adhesive.

In situ coating and dry land soil

20-30 g of COVENANT ARROZ to mix with 50 ml of ATENS patented liquid adhesive per 100 kg of seed in 700-800 ml of water.

