RHIZOBIA for Alfalfa and Soybean

Two effective rhizobium products for optimum nitrogen fixation in soybeans and alfalfa
**Why use Rhizobium products?**

Rhizobium bacteria are present in nature but may not be efficient nitrogen-fixing strains or available in sufficient quantity to offer effective legume nodulation. Inoculating legume seed with a Rhizobium product ensures effective nodulation and maximum nitrogen (N) fixation. Inoculation offers a cost-effective alternative to synthetic N application for legume crops. Residual N held in the soil after harvest will remain for the following crop. Our Rhizobia, available for soya and alfalfa/lucerne crops, ensure the supply of adequate N, which improves crop quality, uniformity and overall crop yield.

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**RHIZOBIA for alfalfa**

**Effective rhizobium inoculant for optimum nitrogen fixation in alfalfa**

The specific bacterial rhizobia bioinoculant contains the N fixing rhizobium *Sinorhizobium meliloti* RF14, a bacteria with high nodulation and N fixation abilities. The unique granular formulation (WG) offers high concentration of spores within protective capsules that give the product natural sticking properties for seed treatments.
**RHIZOBIA for soybean**

**Effective rhizobium inoculant for optimum nitrogen fixation in soya**

The bacterial rhizobia bioinoculant guarantees a maximum level of N fixation in soy production. The product contains bacterial cells of the nitrogen-fixing rhizobium strain *Bradyrhizobium japonicum* WB74, a strain with high nodulation and N fixation abilities. The unique granular formulation (WG) offers high concentration of bacterial cells within protective capsules giving the product natural sticking properties for seed treatments.

Greenhouse pot trials illustrating the benefits of *Trichoderma* and Rhizobia inoculation. On the right, the treated plants show improved seedling development, greater shoot mass and healthy green leaves showing no N deficiency symptoms.

Yield results illustrating the benefits of the combination of T-Gro and Rhizobium.

<table>
<thead>
<tr>
<th>Yield increase above control [%]</th>
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<tbody>
<tr>
<td>0</td>
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<tr>
<td>T-Gro</td>
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<tr>
<td>Rhizobium</td>
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<tr>
<td>T-Gro + Rhizobium</td>
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**TWIN PACK**

Best results are obtained in combination with the *T. harzianum* product T-Gro. The rhizobium Twin Packs provide a unique combination of both microbial inoculants in one pack.
Our soybean and alfalfa rhizobia

✔ Twin pack containing a Rhizobium inoculant plus concentrated *Trichoderma asperellum*

✔ Unique granular formulation enabling effective nodulation

✔ Excellent natural sticking properties for seed treatments

✔ High nodulation and N fixation abilities

✔ Easy to use and compatible with standard seed treatment applicators