

# Optimal emergence with stronger stand

## Trial design

- First set of soybean seeds treated with Rhizobium inoculant only.
- Second set of soybean seeds treated with CELEST® XL + APRON® XL and Rhizobium inoculant.
- Plant roots were examined 21 days after planting to measure development.



**Apron® XL**

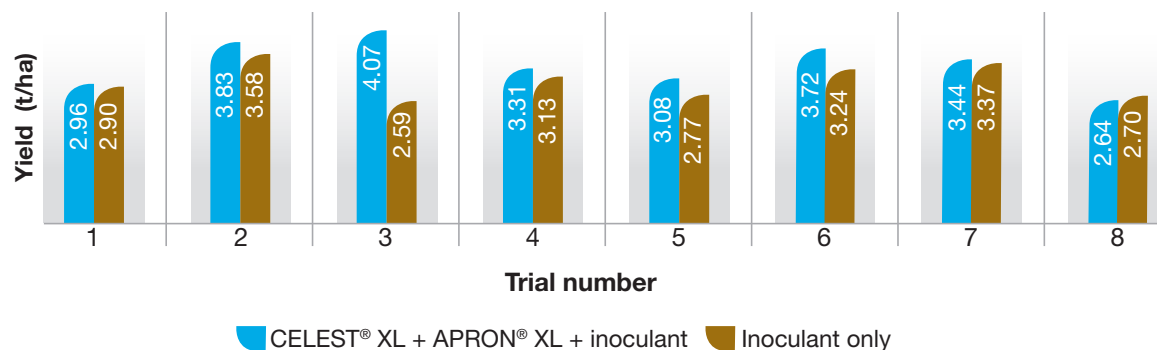
**Celest® XL**



Inoculant only

## Yield results

- Soya beans harvested 100 days after planting to measure yield



**Apron® Plus**  
Beans

**syngenta®**

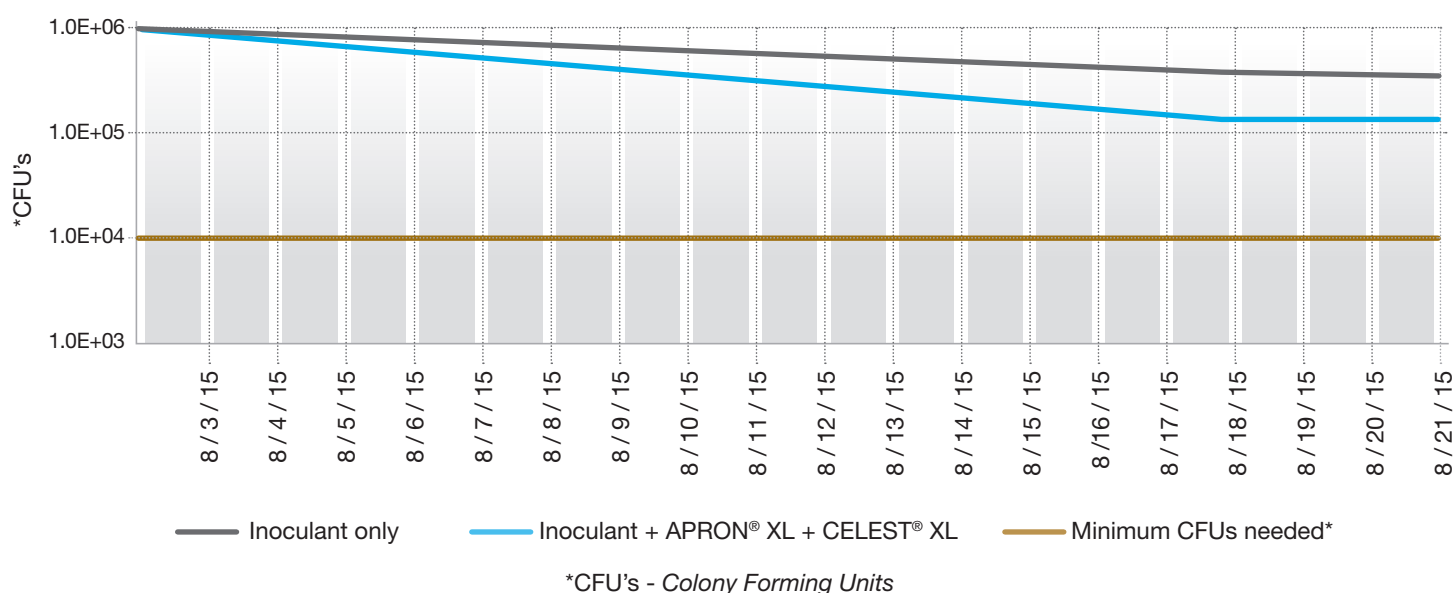
### READ THE LABEL FOR FULL PARTICULARS

APRON® XL contains mefenoxam 350 g/l (Reg. no. L6837, Act no. 36 of 1947). HARMFUL.  
CELEST® XL contains fludioxonil 25 g/l & mefenoxam 10 g/l (Reg. no. L6353, Act no. 36 of 1947).  
APRON® PLUS BEANS consists of APRON® XL and CELEST® XL for use on soya beans and dry beans.  
APRON® XL and CELEST® XL are registered trademarks of Syngenta Group Company  
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## Seed treatment trial show that APRON® PLUS BEANS is compatible with certain inoculants



- Although some interaction between the inoculant and the CELEST® XL and APRON® XL mixture was detected, the quantity of bacteria present after 21 days was more than 10 times the amount required.
- Note that only Osmo-protecting\*\* inoculants, such as Rizoliq, will survive on seeds treated with CELEST® XL / APRON® XL. When non-Osmo-protected inoculants are used, the seeds have to be planted on the day they are treated.

\*\* Osmo-protecting technology is a process that thickens the cell walls of bacteria and increases the inoculant concentration. As a result, bacteria is more resistant under unfavourable conditions.

### Technical considerations for the use of APRON® PLUS BEANS:

- Prepare the CELEST® XL and APRON® XL mixture: for 100kg of seed, mix 125 ml CELEST® XL and 11 ml APRON XL, giving a total of 136 ml of liquid per 100kg of seed.
- Prepare the inoculant as indicated on the label.
- Never pre-mix the CELEST® XL and APRON® XL mixture with the inoculant.
- Treat the seed with both mixtures at the same time, using the appropriate equipment:
  - First add the correct amount of the CELEST® XL and APRON® XL mixture to the seed.
  - Immediately thereafter add the correct volume of inoculant (the two mixtures are applied consecutively without first allowing the first one to dry).
  - After treatment, the seeds are left to dry properly.
  - Once dry, the seeds have to be planted as soon as possible.

### 3 reasons to use APRON® PLUS BEANS

- 1 Fungicide with systemic action that is quickly absorbed and distributed by the seed.
- 2 Protects the seed and the seedling from all the most common diseases in all soil types.
- 3 Optimal emergence with stronger stand for maximum quality and yield.

Available from your nearest Syngenta agent

