

MIXING BSN SEED PRIMER WITH SEED-COATING PRODUCTS Can it be done safely and stably ?

by Dr Hooshang Nassery, Head of Technical



The Question

Is there a way to make **BSN Seed Primer** mix with seed coating products safely and stably ?

The Background

Carter Li, RLF's Technical Group Agronomist from the team at RLF China had an enquiry recently from a potential commercial customer. He said that "nowadays in China, adding trace elements and plant growth regulators to any seed coating agent has become a developing trend". The customer, from a seed coating factory in south-western China, expressed interest in **BSN Seed Primer** and wants to be able to mix it with a seed-coating product. Following compatibility experiments conducted by the factory's technical director it was found that there were chemical reactions when **BSN** was mixed with one of the flowable concentrates for seed coating. These produced flocculation, unstable color and precipitation, all affecting the quality of seed coating. Hence the question.

The Doctor's Response

I understand from your explanation, **BSN Seed Primer** and the coating agents used have proven to be incompatible. The simplest way to manage this is to firstly apply **BSN** to the seed, and then a few minutes later apply the seed-coating agent. This allows **BSN** to penetrate the seed, and then the follow-up process with the coating agent seals the seed coat to prevent the nutrients leaching from the seed. This then ensures the maximum response from a **BSN Seed Primer**. This two-step application process is easy to manage in any commercial drum application that is used by seed merchants and seed graders.



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