Calcium 5S

Calcium 5S contains calcium and three different natural occurring hormones:

Calcium 5.0000%
Cytokinin (as kinetin) 0.0045%
Gibberellic acid 0.0025%
Indole-3-butyric acid 0.0025%

When the seed is placed in moist soil, the gibberellic acid is necessary in order to begin the process of amylase which degrades the starch that is in the seed. After the gibberellic acid stimulates the germination of the seed, auxin and cytokinin are necessary for cell division in both the roots and the hypocotyls of the plant. This will give a more rapid germination to the plant and also make healthier young plants.

Calcium 5S increases germination, seedling vigor and resistance to pathogens and adverse conditions.

Calcium 5S is specially formulated for use on any seed as well as seed pieces e.g. potatoes.

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Recommendations

► ***Calcium 5S*** **for Seed Treatment:**

- Approximately 400 cc per 100 / kg of seed before planting.
- For Potato seed 1.2 lt 1000 kg before planting.

The seeds should be in the dip for approximately 2 to 3 minutes before transplanting.

When using ***Calcium 5S***, let the seed dry 24 hours before seeding to avoid bridging problems in your equipment if not using an on-the-go seed treater.
Calcium 5S can be mixed with a water-based seed treatment without problems.

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Because ***Calcium 5S*** is water-based, it cannot be mixed with an oil-based seed treatment. If using ***Calcium 5S*** and an oil-based seed treatment, first apply ***Calcium 5S*** and let the seed dry before applying the oil-based product.

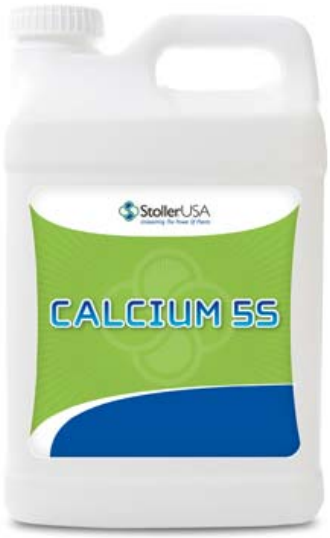
► ***Calcium 5S*** **as foliar application:**

Foliar spray 150 cc to 250 cc per 100 liters of water.

Repeat application every 2 – 4 weeks.

► ***Calcium 5S*** **as soil application:**

Calcium 5S is extensively used as an additive to starter fertilizer at 1.5 liter per hectare to increases germination, seedling vigor and resistance to pathogens and adverse conditions.



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