

QUESTIONS & ANSWERS

MYKE[®] PRO MYCORRHIZAL INOCULANT

Q1: Is there a residual mycorrhiza spore population in the soil the following year, and is it more important in direct seeding practices?

A: Some remain, but not enough, and the spores that survive are not necessarily close enough to the seed for the beneficial effects to be felt during the growth season. The only way to ensure optimal results is to inoculate each year.

Q2: Does the soil type (e.g.: clay, loam, sand) influence the development of the mycorrhizal relationship?

A: The soil type does not influence mycorrhizae. Beneficial effects have been observed in clay, loam and sandy soils.

Q3: Does soil temperature affect mycorrhization?

A: The conditions that are favourable to seed germination also are favourable to mycorrhizae.

Q4: Can MYKE[®] PRO be mixed with fertilizers?

A: Only with products that were tested and approved by Premier Tech.

Q5: For forage crops such as alfalfa and certain biannual grasses that last two seasons or more, is one application sufficient for the crop's lifetime?

A: Yes, provided that the crop was inoculated adequately at seeding. Since the plant remains alive, its mycorrhizal network remains functional the following season.

Q6: Can the recommended rate of MYKE[®] PRO be decreased?

A: No. The plants would not get the expected benefits.

Q7: Can MYKE[®] PRO affect production in a negative way?

A: No. Mycorrhization is controlled by the plant and can't have negative effect on crops.

Q8: Does MYKE[®] PRO have an impact on the incidence of certain diseases?

A: Yes. There are numerous scientific documents that show plants having mycorrhizae are more resistant to diseases.

Q9: Can MYKE[®] PRO PS3 be applied on seeds a few days before seeding?

A: No. The spores would dehydrate and become non-viable. They have to be sown within 8 hours after inoculation.

Q10: How long can I wait before applying MYKE[®] PRO Potato-L when it is mixed with the pesticides (e.g.: if planting must be delayed)?

A: We recommend not exceeding a 6-hour delay. However, once the mixture has been applied on the seeds, they can be kept for 48 hours before seeding.

Q11: How is it that I can use fungicide seed treatment if mycorrhizae are beneficial fungi? Won't I just kill what I'm trying to use to improve my crop?

A: Mycorrhizal fungi are in a completely different class of fungi, and they are not susceptible to the active ingredient in most fungicide seed treatments tested.

Q12: Can I mix MYKE[®] PRO with fungicide seed treatment?

A: No, do not tank mix, but both products can be applied sequentially. Once mixed onto the seed, plant within 8 hours.

Q13: Does mycorrhizae work with canola?

A: No. Canola plants do not establish mycorrhizal relationship.