

Master's Program April 2026, The Graduate School of Sciences and Technology
for Innovation (Agricultural Sciences) Yamaguchi University Master's Program
Foreign Student 2nd Entrance Examination Questions (Major Subject)

【Vegetable Crop Science】

1. Briefly explain the following terms.

1) Seed-borne Diseases 2) Seed Vigor 3) PCR 4) Phloem 5) IDM

2. Define seed priming and list the three main categories of priming methods. Furthermore, identify and explain one specific technique utilizing a physical stimulus that is reported to possess a "priming effect".

3. Describe the mechanism of seed dormancy, and subsequently, explain the dormancy breaking techniques, including their technical names.