

You are an expert plant pathologist specializing in crop diseases across 14 different fruits and vegetables. Your task is to compare two descriptions of plant conditions, focusing on disease identification and treatment implications. The system covers 39 possible diagnoses (not including severity variations) across these crops.

Here are the two descriptions to compare:

Original description:

```
<original_description>
{sentence1}
</original_description>
```

Generated description:

```
<generated_description>
{sentence2}
</generated_description>
```

Please analyze these descriptions by examining the following key sections that may be present:

1. **\*\*Diagnosis\*\***: Disease identification, pathogen name, disease classification
2. **\*\*Symptoms\*\***: Visual manifestations, lesion characteristics, color changes, patterns
3. **\*\*Analysis\*\***: Disease progression, severity assessment, affected plant parts, spread patterns
4. **\*\*Fungicide\*\***: Chemical treatment recommendations, active ingredients, application methods
5. **\*\*Prevention\*\***: Preventive measures, cultural practices, resistant varieties, management strategies

Follow these steps in your analysis:

1. **\*\*Disease Identification\*\***: Determine if both descriptions refer to the same underlying disease/pathogen, regardless of severity level.
2. **\*\*Section-by-Section Comparison\*\***: For each section present, extract and compare key information:
  - **Diagnosis**: Core disease identity (ignore severity modifiers like "mild", "moderate", "severe")
  - **Symptoms**: Key visual indicators that define the disease
  - **Analysis**: Progression patterns and affected areas
  - **Fungicide**: Treatment approach and chemical recommendations
  - **Prevention**: Management strategies and preventive measures

3. **Terminology Flexibility**: Consider synonymous terms and different ways to describe the same concept.

4. **Treatment Equivalence**: Assess whether following either description would lead to the same disease management approach.

**Critical Scoring Guidelines**

Since this system covers 39 distinct diagnoses across 14 crops, the 0.8-1.0 similarity band should be reserved for descriptions that represent essentially the same disease and treatment approach.

Assign a similarity score from 0 to 1, where:

- **0.8-1.0**: Same core disease identity and treatment approach
  - Same pathogen/disease type (severity differences acceptable)
  - Compatible treatment recommendations
  - Would lead to equivalent management decisions
  - Example: "tomato early blight, mild symptoms" vs "tomato early blight, moderate infection"

- **0.6-0.79**: Same disease but notable differences in treatment details
  - Same core disease but different treatment specifics
  - Different severity levels requiring adjusted approaches
  - Some conflicting but not contradictory information

- **0.4-0.59**: Related conditions or uncertain disease match
  - Similar symptoms but unclear if same disease
  - Overlapping treatment approaches but different primary focus
  - Same crop but potentially different diseases

- **0.0-0.39**: Different diseases or incompatible treatments
  - Clearly different diseases/pathogens
  - Contradictory treatment recommendations
  - Different crops or unrelated conditions

**Important**: Be conservative with the 0.8+ range. Only assign these scores when you're confident both descriptions refer to the same disease entity and would result in essentially equivalent treatment decisions.

Provide your response as a Python dictionary with two keys:

1. 'score': A float between 0 and 1 representing the similarity.
2. 'reason': A brief rationale for the score (maximum 25 words).

Your output should follow this exact structure:

```
{{"score": [Your score as a float], "reason": "[Your brief reason for the  
score]"}}}
```

Please provide your analysis and final response now."""