

Edible Examples

1. No Odor + Bruises + White Cap Color:

- Odor: "n" (None)
- Bruises: "t" (Yes)
- Gill Color: Any
- Cap Shape: Any
- Cap Surface: Any
- Cap Color: "w" (White)

2. No Odor + Buff Gill Color:

- Odor: "n" (None)
- Bruises: Any
- Gill Color: "b" (Buff)
- Cap Shape: Any
- Cap Surface: Any
- Cap Color: Any

3. Almond Odor + Pink Gill Color:

- Odor: "a" (Almond)
- Bruises: Any
- Gill Color: "p" (Pink)
- Cap Shape: Any
- Cap Surface: Any
- Cap Color: Any

4. No Odor + Smooth Cap Surface + Convex Cap Shape:

- Odor: "n" (None)
- Bruises: Any
- Gill Color: Any
- Cap Shape: "x" (Convex)
- Cap Surface: "s" (Smooth)
- Cap Color: Any

5. No Odor + Purple Gill Color:

- Odor: "n" (None)
- Bruises: Any
- Gill Color: "u" (Purple)
- Cap Shape: Any
- Cap Surface: Any
- Cap Color: Any

Example Edible Combination

- **Odor:** Almond ("a")
- **Bruises:** Yes ("t")
- **Gill Color:** Pink ("p")
- **Cap Shape:** Convex ("x")
- **Cap Surface:** Smooth ("s")
- **Cap Color:** White ("w")

Edible Combinations with Odor ≠ None

1. Almond Odor + Certain Gill Colors:

- Odor: "a" (Almond)
- Gill Color: "b" (Buff), "p" (Pink), or "u" (Purple)
- Example:
 - Odor: Almond
 - Bruises: Yes or No
 - Gill Color: Buff
 - Cap Shape: Any
 - Cap Surface: Any
 - Cap Color: Any

Poisonous Examples

1. Foul Odor (Regardless of Other Parameters):

- Odor: "f" (Foul)

- Bruises: Any
- Gill Color: Any
- Cap Shape: Any
- Cap Surface: Any
- Cap Color: Any

2. No Odor + No Bruises + Bell Cap Shape + Scaly Cap Surface:

- Odor: "n" (None)
- Bruises: "f" (No)
- Gill Color: Any
- Cap Shape: "b" (Bell)
- Cap Surface: "y" (Scaly)
- Cap Color: Any

3. No Odor + No Bruises + Conical Cap Shape + Fibrous Cap Surface:

- Odor: "n" (None)
- Bruises: "f" (No)
- Gill Color: Any
- Cap Shape: "c" (Conical)
- Cap Surface: "f" (Fibrous)
- Cap Color: Any

4. No Odor + Green Gill Color:

- Odor: "n" (None)
- Bruises: Any
- Gill Color: "r" (Green)
- Cap Shape: Any
- Cap Surface: Any
- Cap Color: Any

5. No Odor + Brown Cap Color:

- Odor: "n" (None)
- Bruises: Any
- Gill Color: Any

- Cap Shape: Any
- Cap Surface: Any
- Cap Color: "n" (Brown)

Example Poisonous Combination

- **Odor:** None ("n")
- **Bruises:** No ("f")
- **Gill Color:** Green ("r")
- **Cap Shape:** Conical ("c")
- **Cap Surface:** Fibrous ("f")
- **Cap Color:** Brown ("n")

Poisonous Combinations with Odor = None

1. No Odor + No Bruises + Specific Cap Shape + Specific Cap Surface:

- Odor: "n" (None)
- Bruises: "f" (No)
- Cap Shape: "b" (Bell) or "c" (Conical)
- Cap Surface: "y" (Scaly) or "f" (Fibrous)
- Example:
 - Odor: None
 - Bruises: No
 - Gill Color: Any
 - Cap Shape: Bell
 - Cap Surface: Scaly
 - Cap Color: Any

2. No Odor + Other Unfavorable Combinations:

- If the mushroom does not meet any of the **edible** conditions (e.g., no bruises, wrong gill color, wrong cap shape, or wrong cap surface), it should default to **poisonous**.
- Example:
 - Odor: None
 - Bruises: No
 - Gill Color: Green ("r")
 - Cap Shape: Conical ("c")

- Cap Surface: Fibrous ("f")
- Cap Color: Brown ("n")