Fertilizers

Liquid vs. Granular

- Used for banding and side-dressing
- Hydroponic solutions
- Liquid ammonia
- Slow or fast release
- Instant, more uniform
- Requires irrigation after application
- Easier to regulate amounts, but more $ distributes nutrients more easily.

Fast vs. Slow Release

Slow - lasts a long time and reduces leaching
- Can burn plants if not irrigated after application
- Only needs one application for long periods of time

Fast - quick response, easily absorbed
- Good for selective deficiencies
- Can reach very easily
Chemical definition

Organic vs Inorganic

Inorganic - Buy in bulk for cheaper, excess can cause runoff
Organic - More expensive, naturally occurring

Inorganic - tend to be more slowly released
Organic - 50-100% living organisms
Inorganic - easy to OP
Organic - can potentially get diseases

Natural vs Synthetic

- Organic Natural
  - Manures (Animal/Plant)
    - COMPOSTS
    - Green manures
    - Works immediately

- Synthetic
  - UREA
  - low-high analysis
  - low-high burn potential
  - come with directions

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