

Farm Seed Comparison Chart

| Crop Type | Sowing Season | Minimum Germ. Temp. | Hardiness Zone | Growth Rate | Sow Per 1,000 sq.ft. | Sow Per Acre | Seeding Depth | Nitrogen Fixation | Bees/Beneficial Insects | Compaction Control | Erosion Control | Weed Suppression | Green Manure | Forage | Biomass (Organic Matter) |
|---------------------------|-----------------------------|---------------------|----------------|-------------|----------------------|--------------|---------------|-------------------|-------------------------|--------------------|-----------------|------------------|--------------|--------|--------------------------|
| Alfalfa, Summer | Early Spring to Late Summer | 45°F (7°C) | 5 | Fast | 1/2 Lb. | 15–25 Lb. | 1/4–1/2" | • | • | • | • | • | • | • | • |
| Barley | Early Spring to Late Summer | 38°F (3°C) | 7 | Fast | 2 Lb. | 80–125 Lb. | 3/4–2" | | | | | • | • | | • |
| Buckwheat | Spring to Summer | 50°F (10°C) | NFT | Fast | 2–3 Lb. | 50–90 Lb. | 1/2–1" | • | | | | • | • | | |
| Clover, Crimson | Anytime | 45°F (7°C) | 7 | Medium | 2/3 Lb. | 22–30 Lb. | 1/4–1/2" | • | • | | • | • | • | • | • |
| Clover, Mammoth Red | Anytime | 41°F (5°C) | 4 | Fast | 1/2 Lb. | 5–15 Lb. | 1/4–1/2" | • | • | • | • | • | • | • | • |
| Clover, Medium Red | Anytime | 41°F (5°C) | 4 | Medium | 1/2 Lb. | 5–15 Lb. | 1/4–1/2" | • | • | • | • | • | • | • | • |
| Clover, New Zealand White | Spring to Summer | 40°F (4°C) | 4 | Slow | 1/4 Lb. | 5–15 Lb. | 1/4–1/2" | • | 2Y | | | • | • | • | • |
| Clover, Sweet | Spring to Summer | 42°F (6°C) | 4 | Medium | 1/2 Lb. | 10–20 Lb. | 1/4–1" | • | 2Y | • | • | • | • | • | • |
| Manure Mix, Fall Green | Summer to Fall | 45°F (7°C) | Various | Medium | 1 1/2 Lb. | 50 Lb. | 1/2–1 1/2" | • | • | | | • | • | | • |
| Manure Mix, Spring Green | Spring to Summer | 38°F (3°C) | Various | Medium | 5 Lb. | 200 Lb. | 1/2–1 1/2" | • | | | | • | • | | • |
| Millet, Pearl | Summer | 60°F (16°C) | NFT | Fast | 1/4 Lb. | 6–10 Lb. | 1/2–1" | | | | • | • | • | • | • |
| Mustard | Spring to Summer | 40°F (4°C) | 7 | Fast | 1 Lb. | 15–20 Lb. | 1/4–3/4" | • | | | • | • | • | • | • |
| Oats, Common | Spring to Summer | 38°F (3°C) | 8 | Medium | 4 Lb. | 110–140 Lb. | 1/2–1 1/2" | | | | • | • | • | | • |
| Oats, Hulless | Spring | 38°F (3°C) | 8 | Medium | 4 Lb. | 110–140 Lb. | 1/2–1 1/2" | | | | • | • | • | | • |
| Peas and Oats Mix | Spring or Fall | 41°F (5°C) | 8 | Medium | 5 Lb. | 120–200 Lb. | 1 1/2–2" | • | | | • | • | • | | • |
| Peas, Field | Spring or Fall | 41°F (5°C) | 7 | Fast | 3 Lb. | 120 Lb. | 1 1/2–3" | • | | | | • | • | | • |
| Radish, Oilseed | Late Summer | 45°F (7°C) | 6 | Fast | 1 Lb. | 10–20 Lb. | 1/4–1/2" | | | • | • | • | | | |
| Rye, Winter | Anytime (Fall for Grain) | 34°F (1°C) | 3 | Medium | 4 Lb. | 60–120 Lb. | 3/4–2" | | | | • | • | • | | • |
| Ryegrass | Anytime | 40°F (4°C) | 6 | Fast | 1 Lb. | 40 Lb. | 0–1/2" | | | | • | • | • | | • |
| Sudangrass | Early Summer | 65°F (18°C) | NFT | Fast | 1 Lb. | 30–40 Lb. | 1/2–1 1/2" | | | • | • | • | • | • | • |
| Sunflower | Spring | 70°F (21°C) | NFT | Medium | 1,500 seeds | 20,000 seeds | 1–1 1/2" | • | | | | | | | • |
| NEW Sunn Hemp | Summer | 60°F (16°C) | NFT | Fast | 3/4–1 1/4 Lb. | 30–50 Lb. | 1/2–1" | • | • | | | | • | | • |
| NEW Teff | Summer | 62°F (17°C) | NFT | Fast | 1/4 Lb. | 8–12 Lb. | 1/8–1/4" | | | | • | • | | • | |
| Vetch, Hairy | Anytime | 60°F (16°C) | 4 | Slow | 1 Lb. | 25–40 Lb. | 1/2–1 1/2" | • | 2Y | | | • | | | |
| Wheat, Spring | Early Spring | 38°F (3°C) | 7 | Fast | 4 Lb. | 60–150 Lb. | 1/2–1 1/2" | | | | • | • | | | |

NFT = Not Frost Tolerant. 2Y = 2nd Year.



Peas and Oats Mix



Winter Rye



Crimson Clover



New Zealand White Clover



Teff