

Farm Seed Comparison Chart

Crop Type	Sowing Season	Min. 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.	15–20 Lb.	1/4–1/2"	•	•	•		•	•	•	
Barley	Early Spring to Late Summer	38°F (3°C)	7	Fast	2 Lb.	60–125 Lb.	3/4–1 1/2"			•	•	•	•	•	•
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	1/3–1/2 Lb.	12–20 Lb.	1/4–1/2"	•	•		•	•	•	•	
Clover, Mammoth Red	Early Spring to Late Summer†	41°F (5°C)	4	Fast	1/4–1/2 Lb.	8–12 Lb.	1/4–1/2"	•	2Y	•	•	•	•	•	
Clover, Medium Red	Early Spring to Late Summer†	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	1/4–1/2 Lb.	5–15 Lb.	1/4–1/2"	•	2Y		•	•	•	•	
Clover, Sweet	Spring to Summer	42°F (6°C)	4	Medium	1/4–1/2 Lb.	8–12 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	1/2–1 Lb.	12–25 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.	100–140 Lb.	3/4–1 1/2"				•	•	•	•	•
Oats, Hulless	Spring	38°F (3°C)	8	Medium	4 Lb.	100–140 Lb.	3/4–1 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	5 Lb.	200 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	2–3 Lb.	60–150 Lb.	3/4–1 1/2"				•	•	•	•	•
Ryegrass	Anytime	40°F (4°C)	6	Fast	1/2–1 Lb.	15–30 Lb.	0–1/2"			•	•	•	•	•	•
Sudangrass	Early Summer	65°F (18°C)	NFT	Fast	1 Lb.	30–40 Lb.	1/2–1"			•	•	•	•	•	•
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	1 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"				•	•		•	
Turnips, Purple Top	Spring to Late Summer	45°F (7°C)	6	Fast	1/4 Lb.	8 Lb.	1/2"			•		•		•	
Vetch, Hairy	Anytime	60°F (16°C)	4	Slow	1 Lb.	25–40 Lb.	1/2–1"	•	2Y	•		•	•		
Wheat, Spring	Early Spring	38°F (3°C)	7	Fast	2–3 Lb.	60–150 Lb.	3/4–1 1/2"			•	•	•	•	•	•

† = Frost Seeding Suitable. NFT = Not Frost Tolerant. 2Y = 2nd Year.



Peas and Oats Mix



Winter Rye



Crimson Clover



New Zealand White Clover



Teff