

Forage and Cover Crop Mixes

Name	Best Use	Planting Time	Seeding Depth (in)	Drilled Seeding Rate (lbs/acre)	Broadcast Seeding Rate (lbs/acre)	Mix Ratio
OptiGraze	Forage	Spring	1/2	25	30	30% Italian Ryegrass, 25% Forage Oats, 20% Winfred Brassica, 15% Hunter Brassica, 10% Graza Radish
OptiHarv	Forage	Late Spring to Early Summer	3/4	40	50	NEW Composition: 20% Pearl Millet, 15% Forage Peas, 15% Forage Soybeans, 10% Forage Barley, 10% White Wonder Millet, 10% Teff Grass, 10% Winfred Brassica, 10% Hunter Brassica
Premium Graze	Forage	Early to Mid-Summer	1/2 - 3/4	15	18	NEW Composition: 20% HayMax Pearl Millet, 20% Turnip, 20% BMR Sorghum Sudangrass, 20% Winfred Brassica, 10% Graza Radish, 10% Foxtail Millet
Ranch Hand	Forage	Early to Mid-Summer	1/2 - 3/4	20	25	20% Sorghum-Sudangrass, 15% Peredovik Sunflowers, 10% Oats, 10% Common Vetch, 10% German Millet, 10% Rapeseed, 10% Turnips, 5% Balansa Clover, 5% Flax, 5% Winfred Brassica
The Producer	Forage	Spring or Late Summer	1/2 - 3/4	20	25	25% Purple Top Turnip, 25% Common Vetch, 20% Cover Crop Radish, 15% Flax, 15% Oats
Hi-Fly	Cover Crop	Early to Mid-Summer	1/4	15	15	30% Annual Ryegrass, 20% Crimson Clover, 20% Radish, 25% Rapeseed, 5% Flax
Nutrient Builder	Cover Crop	Early to Mid-Summer	3/4	25	30	NEW Composition: 25% Cover Crop Radish, 15% Crimson Clover, 10% Common Vetch, 10% Peas, 10% Phacelia, 10% Flax, 10% Oats, 5% Sunn Hemp, 5% Buckwheat
Classic Trio	Cover Crop	Late Summer	1/4 - 1/2	8	10	40% Cover Crop Radish, 30% Purple Top Turnip, 30% Rapeseed
Kernel Counter	Cover Crop	Fall	3/4 - 1	25	30	25% Oats, 25% Radish, 25% Crimson Clover, 25% Balansa Clover

Rye Cocktails	Best Use	Planting Time	Seeding Depth (in)	Drilled Seeding Rate (lbs/acre)	Broadcast Seeding Rate (lbs/acre)	Mix Ratio
Mellow Maker	Cover Crop	Fall	3/4	50	50	50% Rye, 20% Radish, 15% Turnip, 15% Rapeseed
Winter Wonder	Cover Crop	Fall	3/4	50	50	50% Rye, 30% Hairy Vetch, 20% Yellow Blossom Sweet Clover
All-American	Cover Crop	Fall	3/4	50	50	50% Rye, 25% Winter Camelina, 15% Radish, 10% Crimson Clover

Cover Crop Species

Name	Season	Classification	Seeding Rate (lbs/acre)	Seeding Depth (in)	Seed Size	Nitrogen Fixation	Grazing	Reduction of Soil Compaction	Salinity Tolerance	C-N Ratio	Nutrient Scavaging
Flax	Cool	Broadleaves	20	1/2 - 3/4	Medium	No	Poor	Poor	Fair	High	Fair
Phacelia	Cool	Broadleaves	5	1/4 - 1/2	Small	No	Poor	Poor	Poor	Low	Good
Field Peas	Cool	Legume	80	1-2	Large	Yes	Good	Poor	Poor	Low	Fair
Forage Peas	Cool	Legume	80	1-2	Large	Yes	Good	Poor	Poor	Low	Fair
Balansa Clover	Cool	Legume	8	1/4 - 1/2	Small	Yes	Good	Good	Fair	Low	Fair
Berseem Clover	Cool	Legume	10	1/4 - 1/2	Small	Yes	Good	Fair	Fair	Low	Fair
Crimson Clover	Cool	Legume	15	1/4 - 1/2	Small	Yes	Good	Poor	Poor	Low	Fair
Mammoth Red Clover	Cool	Legume	10	1/4 - 1/2	Small	Yes	Good	Fair	Poor	Low	Fair
Chickling Vetch	Cool	Legume	30	1 - 1.5	Medium	Yes	Good	Fair	Poor	Low	Good
Common Vetch	Cool	Legume	20 - 30	1/2 - 1	Medium	Yes	Good	Fair	Poor	Low	Good
Faba Bean	Cool	Legume	80	1.5 - 2	Large	Yes	Good	Fair	Poor	Low	Good
Hairy Vetch	Cool	Legume	20-30	1/2 - 1	Medium	Yes	Good	Fair	Poor	Low	Good
Lentils	Cool	Legume	50	1 - 2	Large	Yes	Fair	Fair	Poor	Low	Fair
Winter Lentils	Cool	Legume	50	1 - 2	Large	Yes	Fair	Fair	Poor	Low	Fair
Winter Peas	Cool	Legume	70	1.5 - 2	Large	Yes	Good	Poor	Poor	Low	Poor
Buckwheat	Warm	Broadleaves	50	1/2 - 1	Medium	No	Poor	Fair	Poor	Medium	Good

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Safflower	Warm	Broadleaves	30	1 - 1.5	Medium	No	Poor	Good	Fair	High	Good
Peregovik Sunflowers	Warm	Broadleaves	7	1 - 1.5	Large	No	Good	Good	Good	High	Good
Soybeans	Warm	Legume	50	1.5 - 2	Large	Yes	Good	Poor	Poor	Medium	Fair
Black Beans	Warm	Legume	50	1 - 1.5	Large	Yes	Good	Poor	Poor	Low	Fair
Cowpeas	Warm	Legume	50	1 - 1.5	Large	Yes	Good	Fair	Poor	Low	Fair
Mung Bean	Warm	Legume	25	1 - 1.5	Large	Yes	Good	Fair	Poor	Low	Fair
Sunn Hemp	Warm	Legume	25	1/2 - 1	Large	Yes	Fair	Good	Fair	Medium	Good
Cabbage	Cool	Brassica	5	1/4 - 1/2	Small	No	Good	Good	Fair	Low	Good
Forage Collards	Cool	Brassica	6	1/4 - 1/2	Small	No	Good	Good	Poor	Low	Good
Hunter Brassica	Cool	Brassica	5	1/4 - 1/2	Small	No	Good	Good	Fair	Low	Good
Kale	Cool	Brassica	4	1/4 - 1/2	Small	No	Good	Good	Fair	Low	Good
Mustard	Cool	Brassica	8	1/4 - 1/2	Small	No	Fair	Good	Fair	Low	Good
Pasja Brassica	Cool	Brassica	6	1/4 - 1/2	Small	No	Good	Good	Fair	Low	Good
Purple Top Turnip	Cool	Brassica	5	1/4 - 1/2	Small	No	Good	Good	Fair	Low	Good
Cover Crop Radish	Cool	Brassica	8	1/4 - 1/2	Small	No	Good	Good	Fair	Low	Good
Graza Radish	Cool	Brassica	8	1/4 - 1/2	Small	No	Good	Good	Fair	Low	Good

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Rapeseed	Cool	Brassica	5	1/4 - 1/2	Small	No	Good	Good	Good	Low	Good
Sugar Beets	Cool	Brassica	4	1/4 - 1/2	Small	No	Good	Good	Good	Low	Good
Swede	Cool	Brassica	6	1/4 - 1/2	Small	No	Good	Good	Good	Low	Good
Barkant Turnip	Cool	Brassica	5	1/4 - 1/2	Small	No	Good	Good	Fair	Low	Good
Winfred Brassica	Cool	Brassica	5	1/4 - 1/2	Small	No	Good	Good	Fair	Low	Good
Winter Camelina	Cool	Brassica	3	1/4 - 1/2	Small	No	Poor	Good	Fair	Low	Good
Winter Canola	Cool	Brassica	5	1/4 - 1/2	Small	No	Poor	Good	Fair	Low	Good