

The *CISCO* Companies

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SEEDING INFORMATION GUIDE

4/27/17

Crop	Perennial or Annual	Seeds/Lb.	Lbs/Bu	Seeding Rate Per Acre (lbs)	Depth to Sow	Planting Dates	Approx. Germ. Time (Days)	Harvest Time	Remarks
Alfalfa	P	227,000	60	14-20 alone 8-10 mixes	1/8-1/4"	Mar-April, Aug-Sept	7-10	May 1 - Sept 15	Correct soil acidity, inoculate, control insects. Fertilize frequently for high yields
Barley	A	12,500	48	75-100 alone	1-1 1/2"	Mar-May, Sept-Oct	7	June 5 - June 15	Earliest small grain for double cropping, sensitive to acidic soils. Do not over-fertilize.
Birdsfoot Trefoil	P	400,000	60	6-12 alone 3-5 mixes	1/8-1/4"	Mar-April, Aug-Sept	14	May 1 - Sept 15	Excellent pasture in late summer, drought tolerant, slow to establish, great for poor soils. No bloat.
Bromegrass, Meadow	P	93,000	14	15-20 alone 3-8 mixes	1/8-1/4"	April-May, Aug-Sept	14	May - Sept	Cool-season forage grass used in pure or mixed stand. Leafy, soft hay. Can be grazed or ensiled.
Bromegrass, Smooth	P	140,000	14	15-20 alone 3-8 mixes	1/8-1/4"	April-May, Aug-Sept	14	May 5 - May 25	Extremely drought resistant, good early spring yields. Use to improve sod structure.
Buckwheat	A	14,200	60	35-50 alone	1-1 1/2"	June-Aug	7-10	Sept 20 - Oct 10	Very short season crop, germinates best at higher soil temperatures, tolerates wet soils.
Chicory	P	425,000	40	6-8 alone 1-4 mixes	1/8-1/4"	April-May, Aug	7-21	June - Sept	Drought tolerant summer pasture.
Chufa	A		44	25-50 alone	1-2"	April-July	7-14	100-120 days after emergence	Used in wildlife food plot. Fertilize with 300-400lbs balanced fertilizer.
Clover, Alsike	P	728,000	60	6-8 alone 1-2 mixes	1/8-1/4"	Jan-Apr, Aug- Sept	7-10	June 1 - Sept 15	Adapted for poorly drained soils. Tolerates moisture. Do not use for horse pasture. Short lived.
Clover, Crimson	A	150,000	60	20 alone 8-15 mixes	1/8-1/4"	Aug-Sept	7-10	April - May	Mainly used as a cover crop. Harvest as hay, silage, or pasture.
Clover, Ladino	P	800,000	60	4-6 alone 1-2 mixes	1/8-1/4"	Feb-Apr, Aug-Sept	7-10	May-Sept	Most productive of the white clovers, prefers well drained soils, use in mixes: 2 grass : 1 Ladino.
Clover, Mammoth Red	P	272,000	60	10-12 alone 2-6 mixes	1/8-1/4"	Jan-Apr, Aug- Sept	7-10	May- Sept 15	Late flowering, single-cut clover with excellent soil building qualities. No flowering in seeding year.
Clover, Medium Red	P	272,000	60	10-12 alone 2-6 mixes	1/8-1/4"	Jan-Apr, Aug- Sept	7-12	May - Sept	Double-cut, early flowering, excellent hay quality. Do not graze or clip after 9/15 until after a freeze.
Clover, Sweet	A	250,000	60	10-15 alone 2-6 mixes	1/8-1/4"	Jan-Apr	7-10	June - Sept	Has the ability for high nitrogen fixation. Mainly used as a soil improving crop.
Clover, White	P	768,000	60	3-5 alone 1-2 mixes	1/8-1/4"	Feb-Apr, Aug-Sept	7-10	June - Sept	Good for permanent pastures. High palatability, less maintenance than Ladino.
Cowpeas	A	1,600-4,300	60	30-90 alone	1/2-1"	May-Aug	7-10	July - Sept	Can be mixed with sorghum sudangrass.
Crownvetch	P	98,000	60	10-25 alone 5-10 mixes	1/4-1/2"	April-May, Aug-Sept	30+	none	Great as a cover for soil erosion, maintenance-free, slow establishment. Can be invasive.
Fescue, Meadow	P	220,000	22	18-20 alone 3-5 mixes	1/8-1/4"	Mar-May, Aug-Sept	7	May - Sept	Cool-season forage grass used in pure or mixed stand. Leafy, soft hay. Can be grazed or ensiled.
Fescue, Tall	P	227,000	25	10-30 alone 10-15 mixes	1/8 -1/4"	Mar-May, Aug-Sept	10-12	May	Widely adapted, very drought resistant, long growing season, low endophyte types are best.
Festulolium	P	210,000	24	35-40 alone 3-15 mixes	1/8-1/4"	Mar-May, Aug-Sept	10	May - Sept	Hybrid between perennial rye and meadow fescue. Great forage quality for pasture or silage.
Hairy Vetch	A	16,000	60	18-20 alone 8-15 mixes	1/8-1/4"	Mar-May, Aug-Sept	7-10	June 20 - July 5	Main use is for green manure and soil improvement. Will grow on most soil types.
Kale	A	130,000		3-4 alone 1 mixes	1/8-1/4"	July-Aug	5-7	Sept - Nov	Grazing only, low fiber stems. Extend fall grazing season.
KY Bluegrass, Forage	P	2,177,000	14	20-30 alone 4-6 mixes	1/4-1/2"	Feb April	21-28	May 1 - May 15	High palatability, prefers well drained soils, usually used in mixes.
Lespedeza, Korean	A	238,000	25	25-35 alone 8-15 mixes	1/8-1/4"	Mar-May, Aug-Sept	7	Aug	Used for pasture hay and soil conservation on poor soils where other legumes might not grow.
Millet, German Foxtail	A	220,000	50	20-30 alone	1/2"	May-July	10	July - Sept	Emergency forage crop. Hay, pasture, or silage.
Millet, Japanese	A	155,000	35	15-30 alone 4-12 mixes	1/2"	May-June	10	Fall	Used in wildlife food plot.
Millet, Pearl	A	60,000	52	16-20 alone	1/2"	May-July	10	July - Sept	Great forage with no prussic acid poisoning.
Oats	A	14,000	32	64-96 alone	1/2"	Mar-April, Aug-Oct	10	April - Nov	Used as forage or grain. Can be spring or fall planted. Graze, bale, or ensile.
Orchardgrass	P	416,000	14	10-15 alone 2-5 mixes	1/8-1/4"	April-May, Aug-Sept	18-22	May - Sept	Very high quality hay if cut in vegetative stage. With alfalfa, plant later variety, like Late Mate at 2lb./A.
Peas, Austrian Winter	A	3,500	60	30-50 alone 20-40 mixes	1/2-1"	Aug-Sept	7-10	Spring or Fall	Cold tolerant winter pea. Used as a cover crop or forage. Harvest as pasture or silage.
Peas, Canadian Field	A	3,500	60	40-80 alone 30-40 mixes	3/4-1"	Mar-April, Aug-Sept	7-10	April 15 - Nov 15	Cover crop or forage that mixes well with oats or spring triticale. Matures 60 days after emergence.
Peas, Frostmaster	A	3,500	60	40-80 alone 30-40 mixes	3/4-1"	Mar-April, Aug-Sept	7-10	Spring or Fall	Forage peas with low tannin levels. Harvest at 60 days from emergence. Mixes well with triticale.
Radish	A	35,000		6-8 alone 1-4 mixes	1/4-1/3"	Early Aug- Sept	4-6	Sept - Nov	Mainly used as cover crop that can be grazed by cattle. Best mixed with oats or annual rye to graze.
Rape	A	120,000	50	6-8 alone 1-2 mixes	1/8-1/4"	Aug	5-7	May - Sept	High quality forage into the fall months. Can use as an emergency pasture. Great for hogs & cattle.
Reed Canary Grass	P	480,000	47	8-12 alone 2-4 mixes	1/8-1/4"	April-May, Aug-Sept	21-28	May 25 - June 10	Unbeatable as a wetland forage grass. Use low alkaloid varieties for forage.
Rye, Cereal/Winter/Fall	A	18,000	56	50-100 alone	1 - 1 1/2"	Sept-Nov	7-10	June	Cut for silage in boot stage. Used mainly for grazing or green manure.
Ryegrass, Annual	A	227,000	24	20-35 alone 10-20 mixes	1/8-1/4"	Feb-May, Aug-Oct	5-7	April 15 - May 15	Dual purpose cover crop/forage
Ryegrass, Italian	A	227,000	24	25-40 alone 3-20 mixes	1/8-1/4"	Feb-May, Aug-Oct	5-7	May - Sept	Vegetative during seeding year and produces seed head in year two. High yields with N fert.
Ryegrass, Perennial	P	240,000	24	20-25 alone 3-10 mixes	1/8-1/4"	Feb-May, Aug-Oct	7-10	May - Sept	High energy forage grass. Can be used as hay, silage, or pasture. Harvest interval of 21-28 days.
Sorghum, Cane	A	15,000	50	8-10	1 1/2"	May June 10	7-10	Sept 1 - Sept 15	Used mainly for molasses.
Sorghum, Forage	A	13,000- 15,000	56	60-80K population 20"-30" rows	1-1 1/2"	May-July	7	Aug 15 - Sept 20	Thinner spacing increases lodging. Good emergency forage.
Sorghum, Grain	A	14,000	56	4-20 alone	1 - 1 1/2"	May-Aug	7	Sept 20 - Oct 20	Plant when soil temperature is above 65-70 degrees F. Used for seed or wildlife cover.
Sorghum-Sudangrass (Hybrid)	A	15,000- 19,000	56	20-50 alone	3/4-1 1/4"	May-July	7	July - Sept	Can be used for pasture, hay or green chop. Remove animals after frost - prussic acid.
Soybeans, Forage	A	2,600	60	140,000-160,000 seeds alone	3/4-1 1/2"	May-June	5-7	June - Sept	High protein feed intended as a forage. Can be used as pasture, or mixed with summer annuals.
Spelt	A	14,000 dehulled	40	80-100 alone	1-1 1/2"	Sept-Oct	7	April - July	Harvest for forage at late boot stage. Can also be harvested for grain like wheat.
Sudangrass	A	170,000	40	35-50 alone	1/2"	May-July	5-7	June - Sept	Harvest as a forage in late boot stage. Start grazing at 24-30" in height.
Teff Grass	A	1,250,000		10-12 alone	1/8 -1/4"	May-July	3-5	June 15 - Sept	Used as summer annual dry hay crop. Requires a firm seedbed. High quality, very leafy.
Timothy	P	1,200,000	45	10-12 alone 1-4 mixes	1/8 - 1/4"	Mar-May, Aug-Sept	10-14	May - June	Excellent for hay and/or pasture. Works well with red clover and alfalfa. Not drought tolerant.
Triticale	A	20,000	42	100-126 alone 50-70 mixes	1/4-1/2"	Mar-April, Sept-Oct	10	March - Nov	Fall or spring varieties available. Can be grazed, hayed, or ensiled. Harvest at late boot stage.
Turnips	A	240,000	55	3-10 alone 1-2 mixes	1/8-1/4"	Mar-April, Aug	5-7	Sept - Dec	Mainly grazed by cattle. Animals will eat foliage and bulbs. Mixes well with spring oats.
Wheat	A	12,000	60	50-100 alone	1 - 1 1/2"	Aug-Oct	7-10	April - May	Harvest as a forage in the spring. Use as pasture, hay, or silage.