



Seed Planting Guide

800-767-9441

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Home of the Tillage Radish®

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	Planting Window Weeks before Avg. First Killing Frost	Seeding Depth Inches	Drilled (7.5" rows) Seeding Rate Lbs/Acre	Comparable Seed on Drill Chart	Can use small seed box?	Broadcast Seeding Rate Lbs/Acre	Precision Planting (PP) 4" in-row spacing. Refer to bag label for seeds per lb.	(PP) 15" rows 4" in-row Lbs/Acre *
Tillage Radish®	3 to 10	.25 to 1	6	Alfalfa (reduce by 10%)	Yes	8-10	Small Sugar Beet Plate	4
Tillage RootMax™ Certified Cover Crop Ryegrass	3 to 10	3/8 to .5	12	Tall Fescue (reduce by 20%), Crested Wheat Grass (reduce by 10%) or Annual Ryegrass	Yes	15	Kinze Brush Meter with Backing Plate (60 Cell Milo Plate)	10 (1.5" in-row)
Phacelia	March to May, Aug. to Sept.	.5	7	Alfalfa	Yes	Not Rec.	Not Rec.	Not Rec.
Winter Forage Triticale	4 weeks prior to first killing frost to 6 weeks after	1 to 1.5	60	Wheat	No	70	Kinze Brush Meter - 60 cell Soybean Plate (2" in-row) White - Wheat Plate	50
CCS Sorghum Sudangrass	Anytime after frost free date in Spring/8 weeks prior to killing in Fall	.75 to 1	25	Sudangrass	Yes	30	Kinze Brush Meter with Backing Plate	20
Nitrogen Producing Cover Crop Legumes (Specific inoculants required)								
Tillage Sunn™ Sunn Hemp	Anytime after last frost in Spring 8 weeks prior to first-frost date in Fall	.5 to 1	15	Wheat	No	Not Rec.	Small Sugar Beet Plate	9
CCS Winter Pea	3 to 10	1 to 1.5	40	Soybean	No	Not Rec.	Soybean Plate	26
CCS Hairy Vetch	2 to 10	.5 to 1.5	15	Vetch or Sorghum	No	20	Small Sugar Beet Plate	9
CCS Crimson Clover	3 to 10	.25 to .5	12	Crimson Clover	Yes	15	Not Rec.	Not Rec.
CCS Lupin Sweet Blue Lupin	3 to 10	1 to 1.5	40	Soybean	No	Not Rec.	Soybean Plate	30
Exclusive TillageMax Cover Crop Mixes								
TillageMax INDY™ Mix Tillage Radish® + Tillage RootMax™ + CCS Crimson Clover	3 to 10	.25 to 1	15	Tall Fescue (reduce by 25%), Crested Wheat Grass (reduce by 15%) or Annual Ryegrass	No	17	Kinze Brush Meter with Backing Plate (60 Cell Milo Plate)	12 (2" in-row)
TillageMax BRISTOL™ Mix Tillage Radish® + Tillage RootMax™	3 to 10	.25 to 1	12	Tall Fescue (reduce by 25%), Crested Wheat Grass (reduce by 15%) or Annual Ryegrass	No	15	Kinze Brush Meter with Backing Plate (60 Cell Milo Plate)	10 (1.75" in-row)
TillageMax DAYTONA™ Mix Tillage Radish® + CCS Crimson Clover	3 to 10	.25 to 1	10	Alfalfa	Yes	13	Kinze Brush Meter with Backing Plate (60 Cell Milo Plate)	8 (1.5" in-row)
TillageMax DOVER™ Mix Tillage Radish® + CCS Oats	3 to 10	.5 to 1	25	Oats	No	30	Kinze Brush Meter with Backing Plate (60 Cell Soybean Plate)	20 (5" in-row)
TillageMax CHARLOTTE™ Mix Tillage Radish® + Winter Forage Triticale + CCS Crimson Clover	3 to 10	1	40	Wheat	No	50	Kinze Brush Meter with Backing Plate (60 Cell Soybean Plate)	30 (5" in-row)
TillageMax TALLADEGA™ Mix Tillage Radish® + CCS Winter Forage Triticale	3 to 10	1	40	Wheat	No	50	Kinze Brush Meter with Backing Plate (60 Cell Soybean Plate)	30 (5" in-row)
TillageMax HOMESTEAD™ Mix Tillage Radish® + Tillage Sunn™ + CCS Sorghum Sudangrass	Anytime after last frost in Spring 8 weeks prior to first-frost date in Fall	1	15	Wheat	No	Not Rec.	Kinze Brush Meter with Backing Plate (60 Cell Soybean Plate)	12 (4" in-row)

NOTE CHARTS ARE ONLY A GUIDE. RATES ARE AFFECTED BY SEED SIZE AND QUALITY, EQUIPMENT CALIBRATION, WHEEL SLIPPAGE, SOIL FERTILITY AND RAINFALL, ETC.
Not Rec. = Not Recommended

* Reference 15" rows for alternating rows

Kinze Brush Meter**- 7878 Milo Plate, D7879 Soybean Plate

** Currently TillageMax Mixes™ can only be precision planted with the Kinze Brush Meter.

Kinze Brush Meters can be modified to fit other precision planters. Contact Kinze dealer for info.

Backing Plates for Kinze Brush Meters are currently off the market. Contact Larry Hak at 419-749-4021 for details.

Small Sugar Beet Plate - John Deere Pro or MaxEmerge Vacuum-A51712 (increase speed by 35%), Kinze Edge Vac-D17050, Kinze Brush Meter-GA5795, White-854047, Case/IH 1200 Series-236027A2 (Old Milo Drums improve population), Monosem-6020, Precision Planting (eSet Disc-720220 (run vacuum at 15"))

The Kinze Brush Meter is a precision planter engineered for mixes. Kinze has two numbers for each plate. One for ordering, another on the plate. While Kinze simplifies the system, use this reference when ordering.

Small Sugar Beet Plate Kinze Edge Vac **GD17050 (Yellow-D17050)**
Milo/Sugar Beet Plate **GA5795 (Red-D7879)**
Soybean Plate **GA5794 (Black-D7879)**

GUIDELINES TO AERIAL SEEDING

When fields moist, fly seeds on. When fields dry, push seeds in.

SEEDING RATE ADJUSTMENTS FOR DIFFERENT TECHNIQUES, BASED ON THE DRILLING RATE

- Broadcasting** Increase rate by 25%
- Aerial Seeding** Increase rate by 30%
- Forage Seeding** Increase rate by 50%
- Precision Planting** Decrease rate 10%-50%
- Late Planting** Increase rate 10-20%
- Weed Control** Increase rate by 50% or more when weed control is the primary objective

GOVERNMENT FUNDING

Refer to program seeding guidelines

FOR SEED BLENDS AND MIXTURES

To calculate a setting for seed blends and mixtures, add index settings for quantity of each seed to be sown.

Example: To sow 2 lbs of Tillage Radish® and 10 lbs of Tillage RootMax™ Cover Crop Ryegrass, use the index setting for each seed, add them together. Set shifter on the proper notch.

Smaller seeds like CCS Crimson Clover require no adjustments.

FOR SEED BLENDS AND MIXTURES

ADJUST CALIBRATION BASED ON APPARENT SEED WEIGHT

INCREASE index setting for seed lighter than average seed.

DECREASE index setting for seed heavier than average seed.

Approximate guide for ideal seeding depth is **6 to 8 times** the thickness of the seed. Refer to seed bag label for seeds per lb.

For more information or to find a dealer, call **800-767-9441** or visit **CoverCropSolutions.com**

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