



Solving the  
**SOIL HEALTH**  
puzzle?

WE HAVE YOU  
**COVERED**

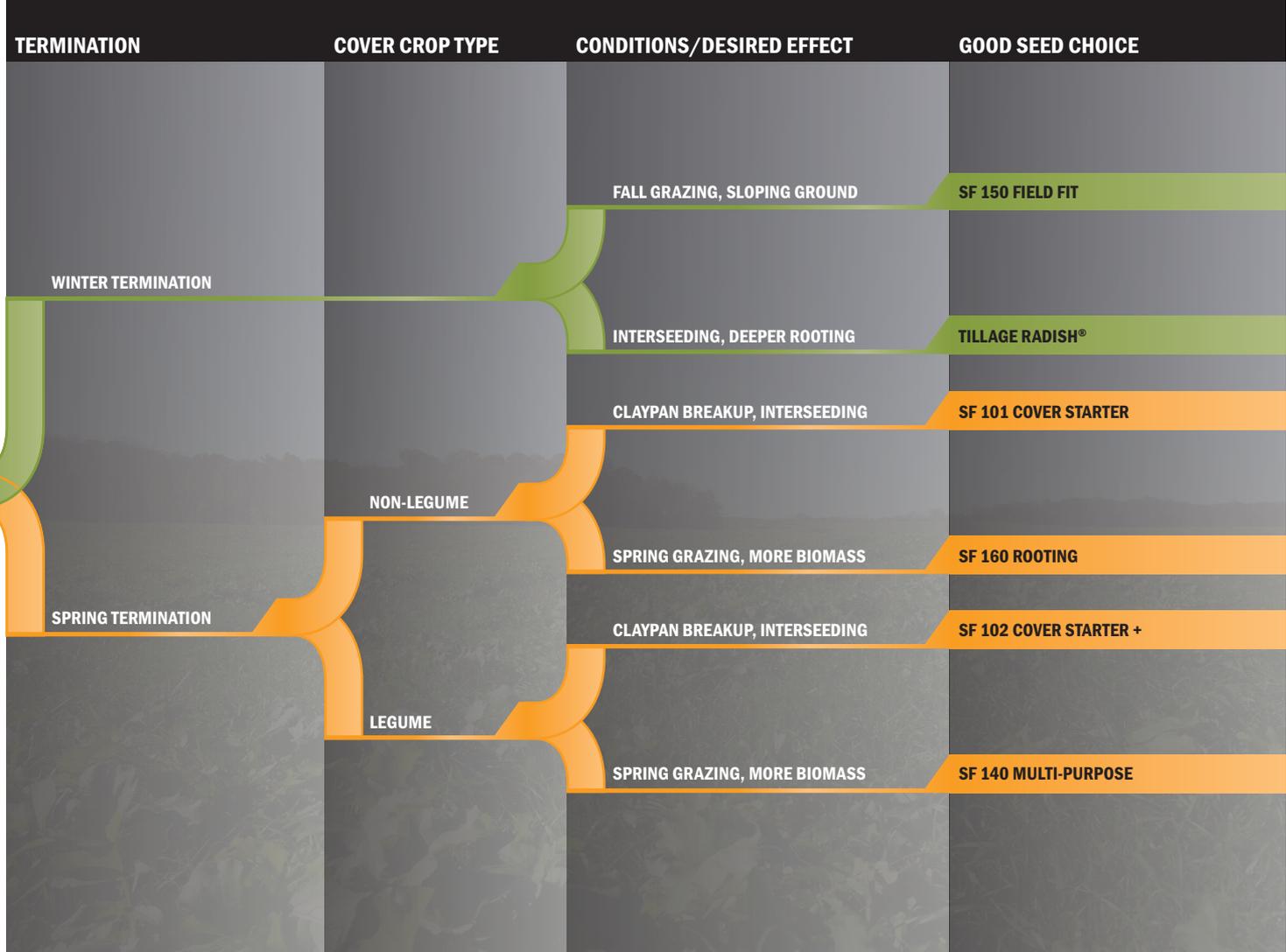
**Soil First**<sup>®</sup>  
PREMIUM  
COVER CROP SEED



Brought to you by  
**A CROSSE**  
**SEED**  
lacrosseseed.com |  
info@laxseed.com

soil1st.com  
800.356.SEED

**Soil First**<sup>®</sup> **Decision Tree**



**QUICK REFERENCE  
GUIDE TO SOIL FIRST®  
COVER CROP MIXES**

Every Soil First® brand cover crop mix contains Tillage Radish®.

Each Soil First® mix contains select varieties or species of cover crops that work together to provide a range of benefits when used as part of a well planned crop rotation. Results based on conditions.

SOIL FIRST® MIXES	TILLAGE RADISH®	GUARDIAN® FALL RYE	CRIMSON CLOVER	FIXATION BALANSA CLOVER	HY OCTANE TRITICALE	SPRING OATS	SPRING PEAS	WINTER PEAS	WHEAT BRASSICA	FORAGE COLLARDS	COLDSNAP™ ANNUAL RYEGRASS	SUNN HEMP	PEARL MILLET	SORGHUM X SUDAN-GRASS
SF 101 COVER STARTER	✓	✓												
SF 102 COVER STARTER+	✓	✓	✓											
SF 125 N-HANCER	✓		✓	✓		✓	✓							
SF 140 MULTI-PURPOSE	✓				✓			✓	✓	✓				
SF 142 CLASSIC	✓		✓											
SF 150 FIELD FIT	✓					✓								
SF 160 ROOTING	✓										✓			
SF 167 SUMMER GRAZER	✓											✓		✓
SF 175 ACCUSPREAD	✓		✓*								✓			

\*Coated

**START**

**COVER CROPS**

AFTER **SOYBEANS**  
GOING TO **CORN GRAIN**

**OPTIONAL:**

Adding Winter Peas, Hairy Vetch or Crimson Clover to an existing mix can help boost nitrogen fixation on fields where corn will be planted next.

**TERMINATION**

**CONDITIONS/DESIRED EFFECT**

**GOOD SEED CHOICE**



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GUIDE TO SOIL FIRST<sup>®</sup>  
COVER CROP MIXES**

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SOIL FIRST <sup>®</sup> MIXES	TILLAGE RADISH <sup>®</sup>	GUARDIAN <sup>®</sup> FALL RYE	CRIMSON CLOVER	FIXATION BALANSA CLOVER	HY OCTANE TRITICALE	SPRING OATS	SPRING PEAS	WINTER PEAS	WHEAT BRASSICA	FORAGE COLLARDS	COLDSNAP <sup>™</sup> ANNUAL RYEGRASS	SUNN HEMP	PEARL MILLET	SORGHUM X SUDAN-GRASS
SF 101 COVER STARTER	✓	✓												
SF 102 COVER STARTER+	✓	✓	✓											
SF 125 N-HANCER	✓		✓	✓		✓	✓							
SF 140 MULTI-PURPOSE	✓				✓			✓	✓	✓				
SF 142 CLASSIC	✓		✓											
SF 150 FIELD FIT	✓					✓								
SF 160 ROOTING	✓										✓			
SF 167 SUMMER GRAZER	✓											✓		✓
SF 175 ACCUSPREAD	✓		✓*								✓			

\*Coated

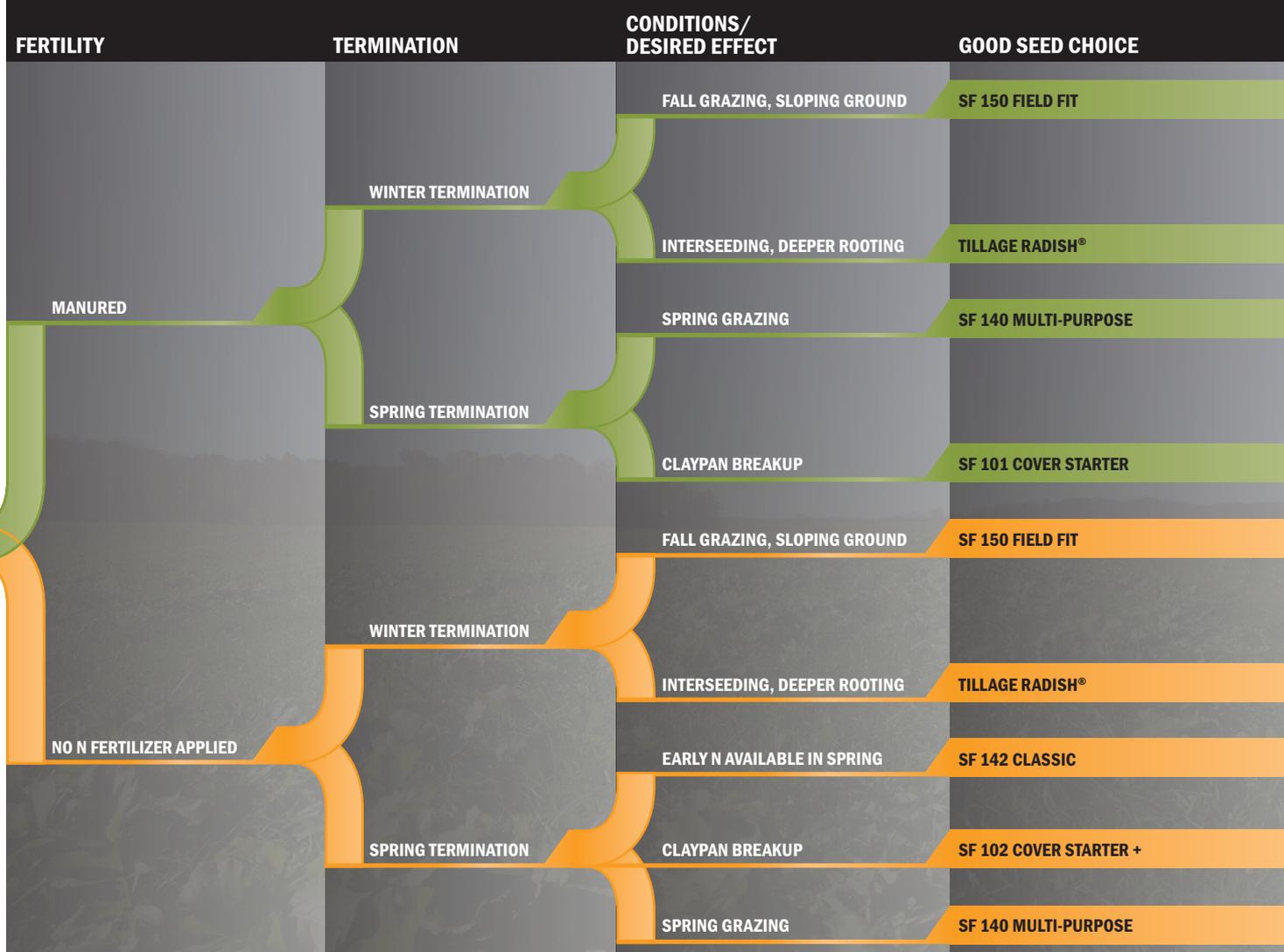
**START**

**COVER CROPS**

AFTER **CORN SILAGE**

**OPTIONAL:**

Adding Winter Peas, Hairy Vetch or Crimson Clover to an existing mix can help boost nitrogen fixation on fields where corn will be planted next.



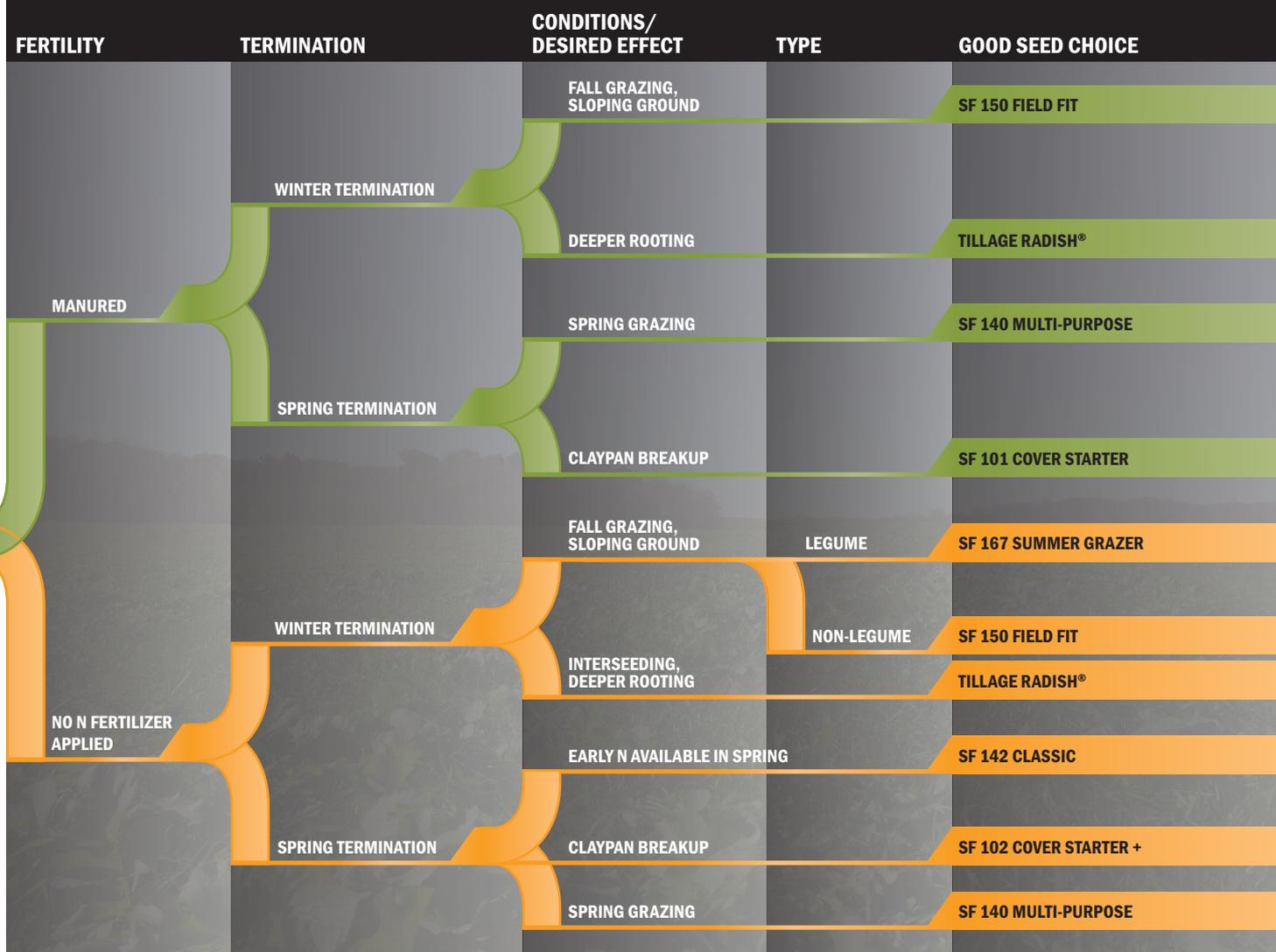
**QUICK REFERENCE GUIDE TO SOIL FIRST® COVER CROP MIXES**

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SOIL FIRST® MIXES	TILLAGE RADISH®	GUARDIAN® FALL RYE	CRIMSON CLOVER	FIXATION BALANSA CLOVER	HY OCTANE TRITICALE	SPRING OATS	SPRING PEAS	WINTER PEAS	WHEAT BRASSICA	FORAGE COLLARDS	COLDSNAP™ ANNUAL RYEGRASS	SUNN HEMP	PEARL MILLET	SORGHUM X SUDAN-GRASS
SF 101 COVER STARTER	✓	✓												
SF 102 COVER STARTER+	✓	✓	✓											
SF 125 N-HANCER	✓		✓	✓		✓	✓							
SF 140 MULTI-PURPOSE	✓				✓			✓	✓	✓				
SF 142 CLASSIC	✓		✓											
SF 150 FIELD FIT	✓					✓								
SF 160 ROOTING	✓										✓			
SF 167 SUMMER GRAZER	✓											✓		✓
SF 175 ACCUSPREAD	✓		✓*								✓			

\*Coated



**START**

**COVER CROPS**

*AFTER WHEAT GOING TO CORN*

**OPTIONAL:**

Adding Winter Peas, Hairy Vetch or Crimson Clover to an existing mix can help boost nitrogen fixation on fields where corn will be planted next.

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Every Soil First<sup>®</sup> brand cover crop mix contains Tillage Radish<sup>®</sup>.

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SOIL FIRST <sup>®</sup> MIXES	TILLAGE RADISH <sup>®</sup>	GUARDIAN <sup>®</sup> FALL RYE	CRIMSON CLOVER	FIXATION BALANSA CLOVER	HY OCTANE TRITICALE	SPRING OATS	SPRING PEAS	WINTER PEAS	WHEAT BRASSICA	FORAGE COLLARDS	COLDSNAP <sup>™</sup> ANNUAL RYEGRASS	SUNN HEMP	PEARL MILLET	SORGHUM X SUDAN-GRASS
SF 101 COVER STARTER	✓	✓												
SF 102 COVER STARTER+	✓	✓	✓											
SF 125 N-HANCER	✓		✓	✓		✓	✓							
SF 140 MULTI-PURPOSE	✓				✓			✓	✓	✓				
SF 142 CLASSIC	✓		✓											
SF 150 FIELD FIT	✓					✓								
SF 160 ROOTING	✓										✓			
SF 167 SUMMER GRAZER	✓											✓		✓
SF 175 ACCUSPREAD	✓		✓*								✓			

\*Coated

START

**COVER CROPS  
FOR PREVENTED  
PLANTING**

**OPTIONAL:**  
Adding Winter Peas,  
Hairy Vetch or Crimson  
Clover to an existing  
mix can help boost  
nitrogen fixation on  
fields where corn will  
be planted next.

**QUICK REFERENCE  
GUIDE TO SOIL FIRST®  
COVER CROP MIXES**

Every Soil First® brand cover crop  
mix contains Tillage Radish®.

Each Soil First® mix contains select  
varieties or species of cover crops  
that work together to provide a range  
of benefits when used as part of a  
well planned crop rotation. Results  
based on conditions.

FERTILITY	PLANTING WINDOW		TERMINATION/FORAGE		GOOD SEED CHOICE		NOTE: SEEDING RATE ADJUSTMENTS
N APPLIED	BEFORE JULY 15	WINTER TERMINATION	SORGHUM x SUDANGRASS		50/50 AT 30 LBS/ACRE		
			SF 167 SUMMER GRAZER				
NO N FERTILIZER APPLIED	AFTER JULY 15	FALL & SPRING FORAGE	COLD SNAP™ ANNUAL RYEGRASS† & SF 101 COVER STARTER		50/50 AT 120 LBS/ACRE		
			SF 102 COVER STARTER +				
NO N FERTILIZER APPLIED	BEFORE JULY 15	WINTER TERMINATION	SUNN HEMP		50/50 AT 120 LBS/ACRE		
			SF 167 SUMMER GRAZER				
NO N FERTILIZER APPLIED	AFTER JULY 15	SPRING TERMINATION	SF 102 COVER STARTER +		50/50 AT 120 LBS/ACRE		
			HY OCTANE WINTER TRITICALE† & SF 140 MULTI-PURPOSE				
<p><b>NOTE:</b> If seeding after August 15th, please use the Decision Tree that applies to the crop that will be produced next year</p>							
<p><b>NOTE:</b> If seeding after August 15th, please use the Decision Tree that applies to the crop that will be produced next year</p>							

SOIL FIRST® MIXES	TILLAGE RADISH®	GUARDIAN® FALL RYE	CRIMSON CLOVER	FIXATION BALANSA CLOVER	HY OCTANE TRITICALE	SPRING OATS	SPRING PEAS	WINTER PEAS	WHEAT BRASSICA	FORAGE COLLARDS	COLD SNAP™ ANNUAL RYEGRASS	SUNN HEMP	PEARL MILLET	SORGHUM X SUDAN- GRASS
SF 101 COVER STARTER	✓	✓												
SF 102 COVER STARTER+	✓	✓	✓											
SF 125 N-HANCER	✓		✓	✓		✓	✓							
SF 140 MULTI-PURPOSE	✓				✓			✓	✓	✓				
SF 142 CLASSIC	✓		✓											
SF 150 FIELD FIT	✓					✓								
SF 160 ROOTING	✓										✓			
SF 167 SUMMER GRAZER	✓											✓		✓
SF 175 ACCUSPREAD	✓		✓*								✓			

\*Coated

†IMPORTANT  
NOTE:  
May winter-  
terminate  
when  
planted  
in July or  
August if  
growth is  
more than  
12 inches  
in height at  
freeze up.

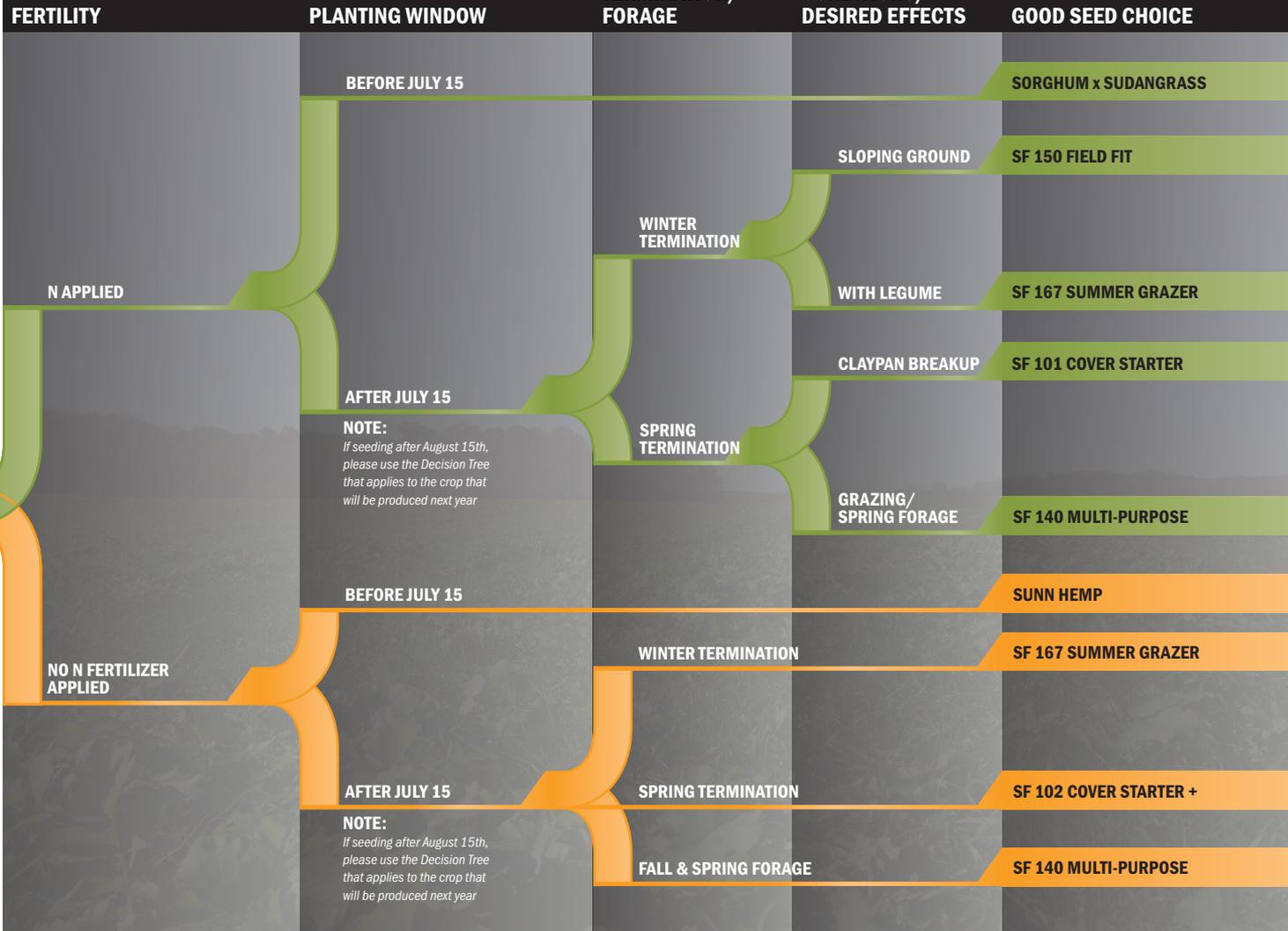
START

**COVER CROPS**

FOR REMEDIATION

**OPTIONAL:**

Adding Winter Peas, Hairy Vetch or Crimson Clover to an existing mix can help boost nitrogen fixation on fields where corn will be planted next.



**QUICK REFERENCE GUIDE TO SOIL FIRST® COVER CROP MIXES**

Every Soil First® brand cover crop mix contains Tillage Radish®.

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SOIL FIRST® MIXES	TILLAGE RADISH®	GUARDIAN® FALL RYE	CRIMSON CLOVER	FIXATION BALANSA CLOVER	HY OCTANE TRITICALE	SPRING OATS	SPRING PEAS	WINTER PEAS	WHEAT BRASSICA	FORAGE COLLARDS	COLDSNAP™ ANNUAL RYEGRASS	SUNN HEMP	PEARL MILLET	SORGHUM X SUDAN-GRASS
SF 101 COVER STARTER	✓	✓												
SF 102 COVER STARTER+	✓	✓	✓											
SF 125 N-HANCER	✓		✓	✓		✓	✓							
SF 140 MULTI-PURPOSE	✓				✓			✓	✓	✓				
SF 142 CLASSIC	✓		✓											
SF 150 FIELD FIT	✓					✓								
SF 160 ROOTING	✓										✓			
SF 167 SUMMER GRAZER	✓											✓		✓
SF 175 ACCUSPREAD	✓		✓*								✓			

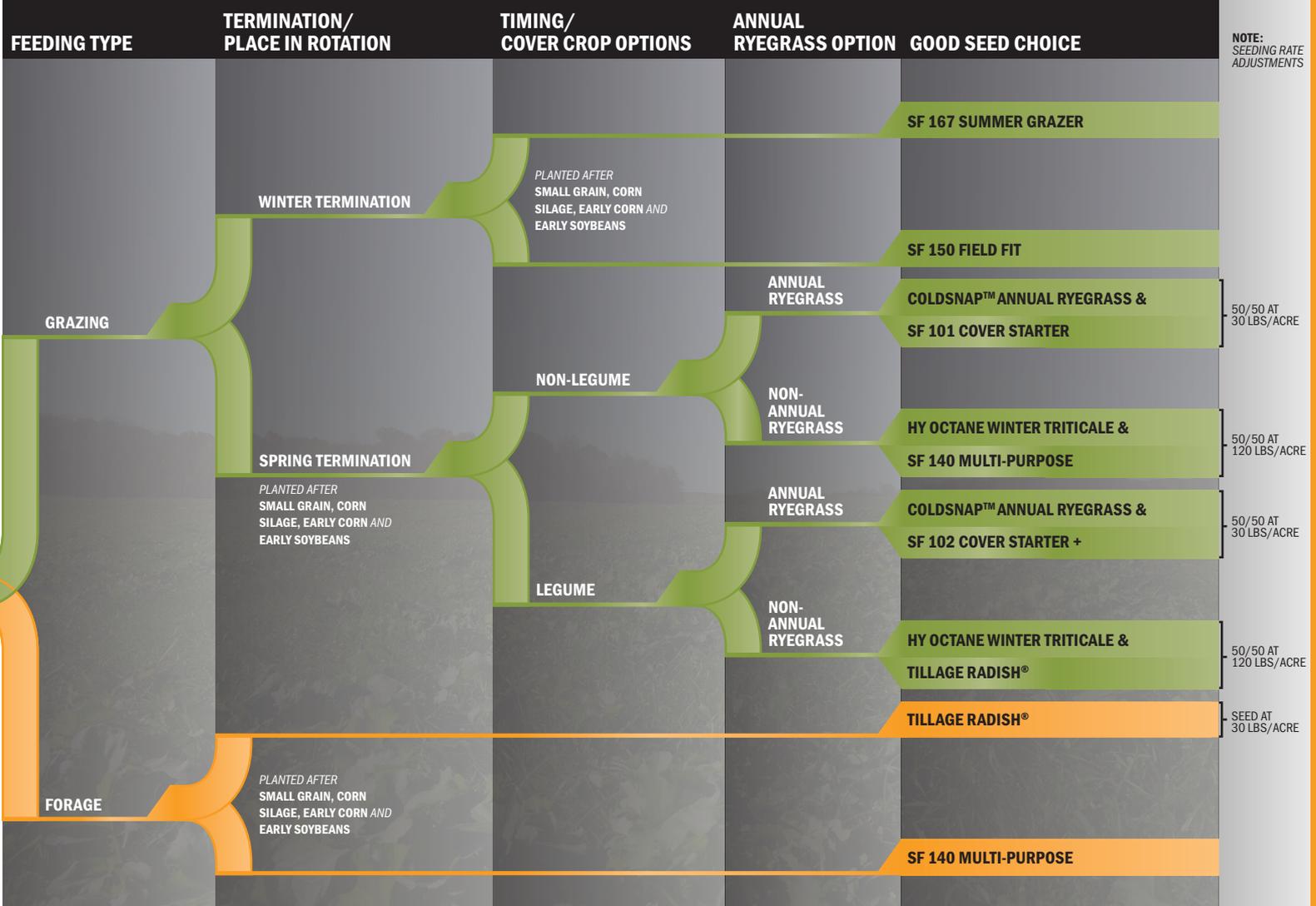
\*Coated



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SF 101 COVER STARTER	✓	✓												
SF 102 COVER STARTER+	✓	✓	✓											
SF 125 N-HANCER	✓		✓	✓		✓	✓							
SF 140 MULTI-PURPOSE	✓				✓			✓	✓	✓				
SF 142 CLASSIC	✓		✓											
SF 150 FIELD FIT	✓					✓								
SF 160 ROOTING	✓										✓			
SF 167 SUMMER GRAZER	✓											✓		✓
SF 175 ACCUSPREAD	✓		✓*								✓			

\*Coated

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NOTE: SEEDING RATE ADJUSTMENTS

For Fall Grazing or Forage Harvest

**START**  
COVER CROPS  
FOR FALL GRAZING OR FORAGE HARVEST

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SF 101 COVER STARTER	✓	✓												
SF 102 COVER STARTER+	✓	✓	✓											
SF 125 N-HANCER	✓		✓	✓		✓	✓							
SF 140 MULTI-PURPOSE	✓				✓			✓	✓	✓				
SF 142 CLASSIC	✓		✓											
SF 150 FIELD FIT	✓					✓								
SF 160 ROOTING	✓										✓			
SF 167 SUMMER GRAZER	✓											✓		✓
SF 175 ACCUSPREAD	✓		✓*								✓			

\*Coated

IMPORTANT NOTE: May winter-terminate when planted in July or August if growth is more than 12 inches in height at freeze up.

**Soil First**<sup>®</sup>  
PREMIUM  
COVER CROP SEED  
**DECISION TREE**

**START**

**COVER CROPS**  
FOR **SPRING GRAZING**  
OR **FORAGE HARVEST**

**OPTIONAL:**

Adding Winter Peas, Hairy Vetch or Crimson Clover to an existing mix can help boost nitrogen fixation on fields where corn will be planted next.

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Every Soil First<sup>®</sup> brand cover crop mix contains Tillage Radish<sup>®</sup>.

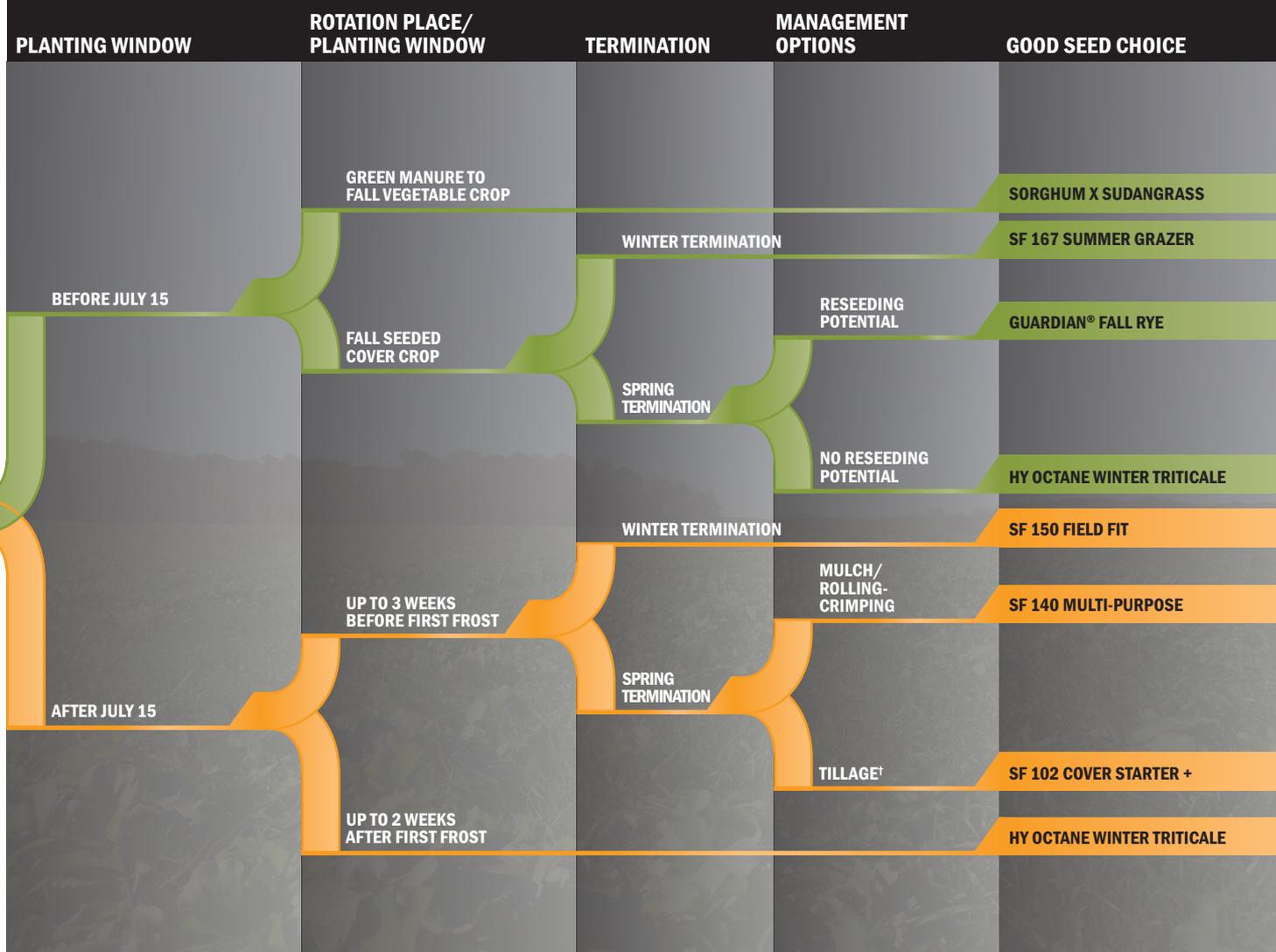
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FEEDING TYPE	PLACE IN ROTATION	COVER CROP OPTIONS	ANNUAL RYEGRASS OPTION	GOOD SEED CHOICE	NOTE: SEEDING RATE ADJUSTMENTS	
GRAZING	PLANTED AFTER SMALL GRAIN, CORN SILAGE, EARLY CORN AND EARLY SOYBEANS	NON-LEGUME	ANNUAL RYEGRASS	COLDSNAP <sup>™</sup> ANNUAL RYEGRASS & SF 101 COVER STARTER +	50/50 AT 30 LBS/ACRE	
			NON-ANNUAL RYEGRASS	HY OCTANE WINTER TRITICALE & SF 140 MULTI-PURPOSE	50/50 AT 120 LBS/ACRE	
			ANNUAL RYEGRASS	COLDSNAP <sup>™</sup> ANNUAL RYEGRASS & SF 102 COVER STARTER +	50/50 AT 30 LBS/ACRE	
		LEGUME	NON-ANNUAL RYEGRASS	HY OCTANE WINTER TRITICALE & SF 140 MULTI-PURPOSE	50/50 AT 120 LBS/ACRE	
			ANNUAL RYEGRASS	COLDSNAP <sup>™</sup> ANNUAL RYEGRASS & SF 101 COVER STARTER	50/50 AT 30 LBS/ACRE	
			NON-ANNUAL RYEGRASS	HY OCTANE WINTER TRITICALE & SF 140 MULTI-PURPOSE	50/50 AT 120 LBS/ACRE	
	FORAGE	PLANTED AFTER SMALL GRAIN, CORN SILAGE, EARLY CORN AND EARLY SOYBEANS	NON-LEGUME	ANNUAL RYEGRASS	COLDSNAP <sup>™</sup> ANNUAL RYEGRASS & SF 102 COVER STARTER +	50/50 AT 30 LBS/ACRE
				NON-ANNUAL RYEGRASS	HY OCTANE WINTER TRITICALE & SF 140 MULTI-PURPOSE	50/50 AT 120 LBS/ACRE
				ANNUAL RYEGRASS	COLDSNAP <sup>™</sup> ANNUAL RYEGRASS & SF 101 COVER STARTER	50/50 AT 30 LBS/ACRE
		LEGUME	NON-ANNUAL RYEGRASS	HY OCTANE WINTER TRITICALE & SF 140 MULTI-PURPOSE	50/50 AT 120 LBS/ACRE	
			ANNUAL RYEGRASS	COLDSNAP <sup>™</sup> ANNUAL RYEGRASS & SF 102 COVER STARTER +	50/50 AT 30 LBS/ACRE	
			NON-ANNUAL RYEGRASS	HY OCTANE WINTER TRITICALE & SF 140 MULTI-PURPOSE	50/50 AT 120 LBS/ACRE	
				HY OCTANE WINTER TRITICALE & SF 140 MULTI-PURPOSE	SEED AT 120 LBS/ACRE	

SOIL FIRST <sup>®</sup> MIXES	TILLAGE RADISH <sup>®</sup>	GUARDIAN <sup>®</sup> FALL RYE	CRIMSON CLOVER	FIXATION BALANSA CLOVER	HY OCTANE TRITICALE	SPRING OATS	SPRING PEAS	WINTER PEAS	WHEAT BRASSICA	FORAGE COLLARDS	COLDSNAP <sup>™</sup> ANNUAL RYEGRASS	SUNN HEMP	PEARL MILLET	SORGHUM X SUDAN-GRASS
SF 101 COVER STARTER	✓	✓												
SF 102 COVER STARTER+	✓	✓	✓											
SF 125 N-HANCER	✓		✓	✓		✓	✓							
SF 140 MULTI-PURPOSE	✓				✓			✓	✓	✓				
SF 142 CLASSIC	✓		✓											
SF 150 FIELD FIT	✓					✓								
SF 160 ROOTING	✓										✓			
SF 167 SUMMER GRAZER	✓											✓		✓
SF 175 ACCUSPREAD	✓		✓*								✓			

\*Coated



**START**

**COVER CROPS**

**FOR EARLY VEGETABLES**

**OPTIONAL:**

Adding Winter Peas, Hairy Vetch or Crimson Clover to an existing mix can help boost nitrogen fixation on fields where corn will be planted next.

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SF 101 COVER STARTER	✓	✓												
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SF 125 N-HANCER	✓		✓	✓		✓	✓							
SF 140 MULTI-PURPOSE	✓				✓			✓	✓	✓				
SF 142 CLASSIC	✓		✓											
SF 150 FIELD FIT	✓					✓								
SF 160 ROOTING	✓										✓			
SF 167 SUMMER GRAZER	✓											✓		✓
SF 175 ACCUSPREAD	✓		✓*								✓			

\*Coated

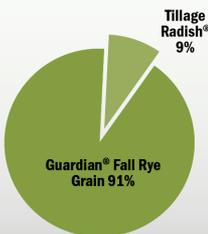
**IMPORTANT NOTE:** May winter-terminate when planted in July or August if growth is more than 12 inches in height at freeze up.

### SOIL FIRST® 101 COVER STARTER

#### Guardian® Fall Rye + Tillage Radish®

Simple and practical, a low-risk option for both early adopters and growers looking for more flexibility.

- Low risk, starter mix
- Ideal for fall manure applications
- Winter-hardy rye with excess nitrogen

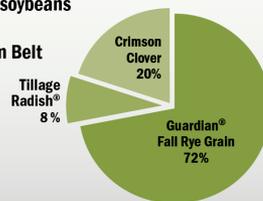


### SOIL FIRST® 102 COVER STARTER +

#### Guardian® Fall Rye + Tillage Radish® + Crimson Clover

Building nitrogen and root mass while improving soil tilth and biomass potential.

- Perfect before corn or soybeans
- Good for prevent plant
- Ideal for Southern Corn Belt

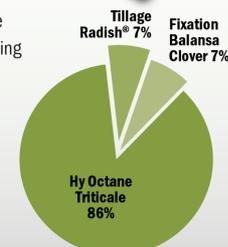


### SOIL FIRST® 120 EXTENDER

#### Hy Octane Triticale + Fixation Balansa Clover + Tillage Radish®

Extended soil coverage mixing traditional biomass options with the improved winter-hardiness and rooting potential of balansa clover.

- Mix components equal up to 120 days of grazing
- Extended ground cover (7 - 8 mths.)

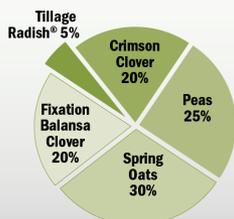


### SOIL FIRST® 125 N-HANCER

#### Tillage Radish® + Spring Oats + Spring Peas + Fixation Balansa Clover + Crimson Clover

Heavy legume mix intended for adding Nitrogen.

- Relatively low risk mix
- Ideal as fall forage mix
- Strong nitrogen fixing mix

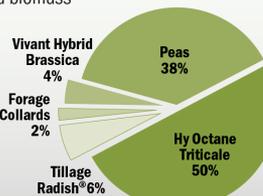


### SOIL FIRST® 140 MULTI-PURPOSE

#### Vivant Brassica + Tillage Radish® + Hy Octane Winter Triticale + Forage Collards + Winter Peas

Formulated with the livestock grazer in mind, providing soil protection and biomass from fall through spring.

- Early seeding/late fall silage opportunity
- Ideal for beef/non-lactating dairy

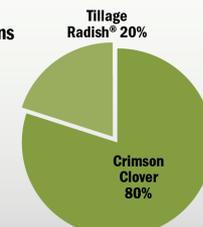


### SOIL FIRST® 142 CLASSIC

#### Crimson Clover + Tillage Radish®

Simple combination for early planting windows - double-crop, prevent plant, inter-seeding too.

- Perfect before corn or soybeans
- Good for prevent plant
- Ideal for Southern Corn Belt

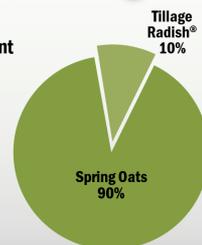


### SOIL FIRST® 150 FIELD FIT

#### Spring Oats + Tillage Radish®

Straightforward and flexible mix for growers looking for very minimal spring management.

- Ideal for low spring management
- Excellent option for multiple grazing periods in the fall

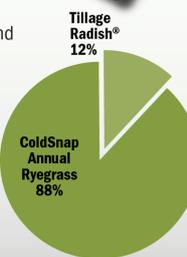


### SOIL FIRST® 160 ROOTING

#### Tillage Radish® + ColdSnap™ Annual Ryegrass

Sensible blend of radish and ryegrass developed for maximizing root mass and capturing nutrients.

- Best combination for breaking up compaction and catching leftover nutrients
- Perfect in manure systems

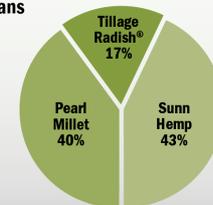


### SOIL FIRST® 165 LATE GRAZER

#### Tillage Radish® + Pearl Millet + Sunn Hemp

Seed in summer to tolerate warm temperatures while transitioning to a safe forage option into late fall.

- Perfect before corn or soybeans
- Good for prevent plant
- Ideal for Southern Corn Belt

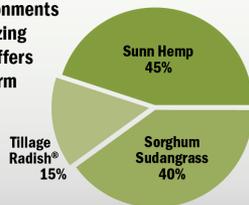


## SOIL FIRST® 167 SUMMER GRAZER

### Tillage Radish® + Sorghum x Sudangrass + Sunn Hemp

Summer seeded mix where the focus is quick tonnage and over – biomass production.

- Tolerates poor soil environments
- Formulations for fall grazing
- Sorghum x sudangrass offers increased tonnage in warm and dry climates



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PREMIUM  
COVER CROP SEED

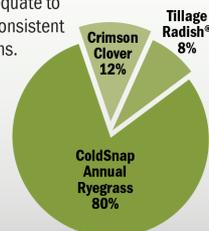


## SOIL FIRST® 175 ACCUSPREAD

### Coated Crimson Clover + Tillage Radish® + Coated ColdSnap™ Annual Ryegrass

Coated clover and coated ryegrass equate to more uniform spread patterns and consistent germination in broadcast applications.

- Facilitates more accurate broadcast seeding patterns
- Best combination for compaction alleviation & nutrient scavenging



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## ColdSnap™ Annual Ryegrass

- Excellent for scavenging nutrients and holding them for following crop
- Known for its dense root structure for added compaction relief
- Provides a uniform stand maturity for easier spring control
- Slower to mature than cereal rye and other cereal grains ColdSnap® has been screened and selected for cover crop use
- Superior winter hardiness when compared to other annual ryegrasses



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## GUARDIAN® Fall Rye

Guardian® Fall Rye is carefully screened to provide dependable results in cover cropping situations. Excellent germination and early vigor in cooler temperatures, combined with solid winter hardiness and quick spring green-up, make Guardian® an excellent choice for a low-risk entry into cover cropping.

- Screened for purity and cleanliness
- Clear tag certified noxious weed free
- Sclerotinia (white mold) free
- Professionally grown for seed, not grain
- Strong winter hardiness
- Excellent germination and early vigor

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## Hy Octane Winter Triticale

Hy Octane is a new winter triticale variety that has shown favorable forage yield and winter hardiness across the Midwest. Hy Octane makes a great option for fall and winter grazing, extending the season far past brassicas or cool-season perennial grasses.

- Reduced awned variety to aid in livestock palatability
- Excellent standability
- Good early season vigor and earlier heading date than traditional varieties
- Allows greater flexibility for potential double cropping
- Medium straw length allows for easier hay wilting and silage packaging

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## Tillage Radish®

Tillage Radish® was selected based on performance in the field. This daikon type radish was evaluated across many different soil types and environments from the Northwest to across the upper Midwest and Transition Zone. A superior, deep, penetrating taproot is one characteristic that separates Tillage Radish® from other radish varieties - growing to a level of 3 - 6', based on soil type, region and planting date. The upper portion of the taproot (or tuber) can grow to a length of 12 - 24". Tillage Radish® germinates in just 2 to 3 days when moisture is present.

- Reduces compaction and improves drainage and air/water movement (through rapid spring decay)
  - Soaks up and releases nitrogen and other nutrients in spring when cash crops need it most
  - Winterkills with temp in the teens

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KIND OF SEED	APPROX. SEEDS/LB	LBS/BU	PLANTING RATE		SEEDING DEPTH	SUGGESTED PLANTING DATES	EMERGENCE TIME (DAYS)	PRIMARY USE	LIFE
			PLANTING RATE LBS/ACRE	LBS/ACRE IN MIXES					
BRASSICAS, HYBRID	165,000	N/A	4 - 6	2 - 3	¼"	JUL - SEP	4 - 6	COVER CROP	ANNUAL
WINTER RYE GRAIN	18,000	56	30 - 50	20 - 40	¾" - 1"	MAR - APR, AUG - SEP	5 - 8	COVER CROP	ANNUAL
CLOVER, BALANSA	500,000	60	3 - 6	1 - 4	¼"	FEB - MAR, AUG - SEP	14	COVER CROP	PERENNIAL
CLOVER, CRIMSON	150,000	60	10 - 15	4 - 8	¼"	AUG - OCT	7 - 10	COVER CROP	ANNUAL
MILLET, PEARL	60,000	52	10 - 30	5 - 20	½" - 1"	MAY - JUL	3 - 5	PASTURE, SILAGE	ANNUAL
OATS, SPRING, FALL	16,000	32	30 - 50	20 - 40	¾" - 1"	MAR - APR, AUG - SEP	5 - 8	COVER CROP	ANNUAL
PEAS, AUSTRIAN WINTER	2,000	60	30 - 80	10 - 30	1"	AUG - SEP	9	COVER CROP	ANNUAL
RADISH	35,000	N/A	3 - 8	1 - 3	¼" - ½"	AUG - SEP	14	COVER CROP	ANNUAL
RYEGRASS, ANNUAL	227,000	24	15 - 30	10 - 15	¼"	MAR - APR, AUG - OCT	7	COVER CROP	ANNUAL
REYGRASS, PERENNIAL	227,000	24	30 - 40	6 - 10	¼" - ½"	FEB - MAY, AUG - SEP	14	HAY, PASTURE	PERENNIAL
SORGHUM x SUDANGRASS	21,000	56	25 - 50	5 - 20	¾" - 1½"	MAY - JUL	10	HAY, PASTURE	ANNUAL
SORGHUM x SUDANGRASS BMR	21,000	56	15 - 35	N/A	1"	MAY - JUL	10	HAY, PASTURE	ANNUAL
SUNN HEMP	15,000	N/A	15	5 - 8	½" - 1"	JUL - SEP	3 - 7	COVER CROP	ANNUAL
TRITICALE	15,000	48	30 - 50	20 - 40	¾" - 1"	MAR - APR, AUG - SEP	6 - 8	HAY, PASTURE	ANNUAL

SOIL FIRST® COVER CROP MIX	PLANTING RATE		SEEDING DEPTH (DRILL)	SUGGESTED PLANTING DATES	EMERGENCE TIME (DAYS)	NITROGEN FIXES OR SCAVENGES	GERM SOIL TEMP (F)
	LBS/ACRE	LBS/ACRE FOR FORAGE					
SOIL FIRST® 101 COVER STARTER	30 - 35	40 - 50	¼" - 1"	SEE SOIL FIRST® MANAGEMENT GUIDE	VARIES	SCAVENGER	45°
SOIL FIRST® 102 COVER STARTER +	30 - 35	40 - 50	¼" - 1"		VARIES	BOTH	45°
SOIL FIRST® 125 N-HANCER	35 - 40	40 - 50	¼" - 1"		VARIES	FIXER	45°
SOIL FIRST® 140 MULTI-PURPOSE	35 - 40	40 - 50	¼" - 1"		VARIES	BOTH	45°
SOIL FIRST® 142 CLASSIC	12 - 15	15 - 20	¼" - ½"		VARIES	BOTH	45°
SOIL FIRST® 150 FIELD FIT	30 - 35	40 - 50	¼" - 1"		VARIES	SCAVENGER	45°
SOIL FIRST® 160 ROOTING	15 - 20	20 - 25	¼" - ½"		VARIES	SCAVENGER	45°
SOIL FIRST® 167 SUMMER GRAZER	25 - 30	25 - 30	¼" - 1"		VARIES	BOTH	60 - 65°
SOIL FIRST® 175 ACCUSPREAD	25 - 30	25 - 30	¼" - ½"		VARIES	BOTH	45°



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COVER CROP SEED

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