



SF 125 N-HANCER



BIOMASS PRODUCTION



NITROGEN FIXER



EROSION CONTROL

Soil First[®]

PREMIUM COVER CROP SEED

- Designed as a nitrogen booster in front of grass cash crops; decreased spring management needed
- Oats work as a carrier, but also keep nitrogen from leaching or leaving the system
- Nitrogen production will be widely varied, based on planting date, climate, spring termination date, etc.
- Heavy legume seed mix will work in grazing environments, supplying high protein & digestibility

Soil First[®] 125 N-Hancer cover crop mix is a heavy legume seed mix intended for adding nitrogen and biomass without intensive spring management.

30%	DEFENDER 265 SEED OATS
25%	SPRING PEAS
20%	BALANSA CLOVER
20%	CRIMSON CLOVER
5%	TILLAGE RADISH [®]



▶▶▶ NITROGEN FIXER OR SCAVENGER?: Fixer

SEEDING INFORMATION

			LBS/ACRE*
MONO*	35 - 40	SEEDS/LB	◦
MIX*	◦	BULK DENSITY AVG	44 lbs/ft ³
FORAGE*	40 - 50	GERM SOIL TEMP	45° F
AERIAL APPLICATION*	NR	DAYS TO EMERGENCE	Varies
SEEDING DEPTH (IN)	1/4 - 1	CARBON/NITROGEN RATIO	◦

NUTRITIONAL VALUE: Varies greatly depending on maturity

NEL ¹ MCAL/LB	Nutrition values vary due to differences in forage quality of the mix components & differences in how & when each component is harvested (grazed versus baleage)	CRUDE PROTEIN	14 - 18
ADF% ²		DM TONS/ACRE	2 - 5
NDF% ³		DAYS TO FIRST HARVEST	45 - 50
TDN		DAYS TO NEXT HARVEST	◦

GRAZE: +++ | **BALEAGE:** + | **CHOP:** ++ + Some Benefit | ++ More Benefit | +++ Best Benefit

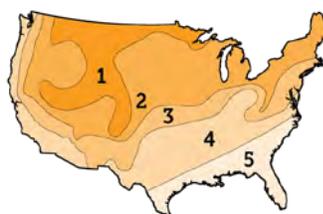
¹- Net Energy for Lactation = Energy available after subtracting digestive and metabolic losses
²- Acid Detergent Fiber = Low values mean more digestible
³- Neutral Detergent Fiber = Low values mean cows can eat more

CONSIDERATIONS

Early planting is the goal with SF 125. More biomass equals greater nitrogen contribution. Because of peas' larger seed size, broadcast or aerial applications are not recommended.

PLANTING WINDOW

- 1 NO LATER THAN AUGUST 10
- 2 NO LATER THAN AUGUST 20
- 3 NO LATER THAN SEPTEMBER 1
- 4 NO LATER THAN SEPTEMBER 10
- 5 NO LATER THAN OCTOBER 20



BENEFITS (1 = POOR, 5 = EXCELLENT)

COMPACTION ALLEVIATION	4
WEED SUPPRESSION	4
BIOMASS PRODUCTION	4
EROSION CONTROL	5
DISEASE/PEST CONTROL	2
POLLINATOR/BENEFICIALS	3
P & K CYCLING	4
EASE OF ESTABLISHMENT	4



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