



BIOMASS PRODUCTION



WEED SUPPRESSION



EROSION CONTROL

Soil First[®]
PREMIUM
COVER CROP SEED

- New selection = improvement in winter hardiness
- Outstanding forage yield
- Reduced awns for greater palatability
- Increased ergot resistance
- Strong Fusarium resistance
- Characterized by bluish hue

Nitrous is our new winter triticale variety, showing increased winter hardiness over Hy Octane. Nitrous delivers outstanding forage yield with a greater leaf:stem ratio. Nitrous makes a great option for fall or winter grazing, extending the season beyond that of brassicas and cool season grasses.

▶▶▶ NITROGEN FIXER OR SCAVENGER?: Scavenger

SEEDING INFORMATION

		LBS/ACRE*	
MONO*	30 - 50	SEEDS/LB	14,000 - 16,000
MIX*	20 - 40	BULK DENSITY AVG	48 lbs/ft ³
FORAGE*	80 - 120	GERM SOIL TEMP	38° F
AERIAL APPLICATION*	20 - 60	DAYS TO EMERGENCE	6 - 8
SEEDING DEPTH (IN)	3/4 - 1	CARBON/NITROGEN RATIO	Vegetative 20:1

NUTRITIONAL VALUE: Varies greatly depending on maturity

NEL ¹ MCAL/LB	.58	CRUDE PROTEIN	12
ADF% ²	41	DM TONS/ACRE	2.5 - 4
NDF% ³	69	DAYS TO FIRST HARVEST	Spring
TDN	56	DAYS TO NEXT HARVEST	o

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

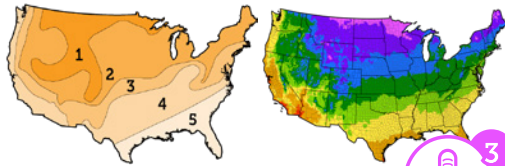
³- Neutral Detergent Fiber = Low values mean cows can eat more

CONSIDERATIONS

- Spring growth management risk; terminate early when preceding a grass crop
- Ideal pH = 5.2-7.0

PLANTING WINDOW

- 1 NO LATER THAN SEPTEMBER 25
- 2 NO LATER THAN OCTOBER 5
- 3 NO LATER THAN OCTOBER 15
- 4 NO LATER THAN OCTOBER 25
- 5 NO LATER THAN NOVEMBER 1



HARDINESS ZONE

BENEFITS (1 = POOR, 5 = EXCELLENT)

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DISEASE/PEST CONTROL	3
POLLINATOR/BENEFICIALS	1
P & K CYCLING	4
EASE OF ESTABLISHMENT	4



ONLINE RESOURCES **FIND MORE MANAGEMENT INFORMATION @ SOIL1ST.COM**

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