

OVERVIEW

eNhance Persian Clover is possibly the most fragrant of all the clover species with a pleasantly sweet scent that may attract wildlife and livestock alike.

It’s an annual legume that originated in the eastern Mediterranean area. It has a semi-upright growth habit, and the leaves are oval with jagged edges.

eNhance Persian Clover has a notable root development speed that is similar to that of Daikon Radish, making it highly suitable for sandier soils.

Improved seedling vigor allows eNhance to establish at a rate similar to Cereal Rye. The low C:N ratio makes it a good choice to mix with Cereal Rye as the contrasting ratios provide balance and help reduce the yield drag often experienced in corn following a cereal rye crop.



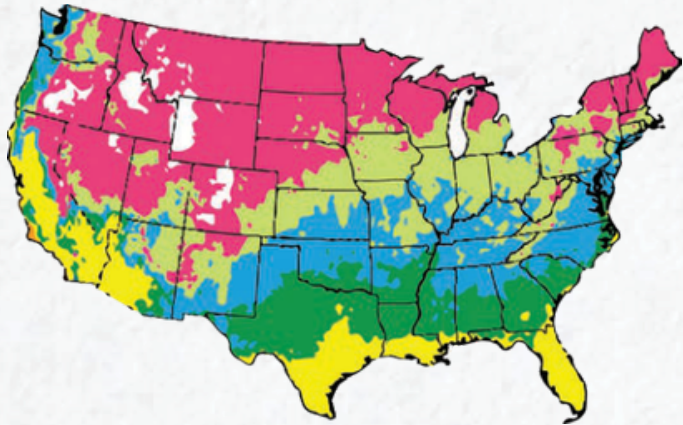
REGROWTH

eNhance Persian Clover has high forage yield and excellent regrowth following grazing or cutting.

eNhance can be cut 2 to 3 times, but not closer than 4 inches to allow for vigorous regrowth.

In irrigated fields the optimum cutting interval is approximately 6 weeks in the growing season, allowing dry matter yields of 5-6.5 tons an acre.

PLANTING

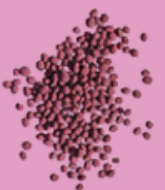


Fall Planting Dates

- Oct 1 - Dec 15
- Sept 15 - Nov 15
- Aug 15 - Sep 15
- Aug 15 - Sep 30
- Sept 1 - Sept 30

Spring Planting Dates

- Mar 15 - Apr 15
- Mar 30 - Apr 15
- April 15 - May 15
- May 1 - May 15

	Drilled	Broadcast
Seeding Rate	Mono-culture 5-8 lbs./acre In mixes 3-4 lbs./acre	Mono-culture 8-10 lbs./acre In mixes 5-8 lbs./acre
Planting Depth	1/4th inch	
Ideal Soil	Sandy to loam to clay-loam with a of pH 5.0	



The only Persian Clover with the ability to withstand temperatures as low as –15° F.

NITROGEN FIXATION

eNhance Persian Clover is very effective at creating nitrogen. Nodules on the roots interact synergistically with the special rhizobia contained in the seed coating to “fix” nitrogen from the air.

eNhance Persian Clover’s low C:N ratio (12:1) means the organic material will quickly break down and release nitrogen to the following crop. eNhance works with nature to provide farmers with a more natural and productive nitrogen source.

That’s great news for both your bank account and cash crop.

ESTIMATED NITROGEN AVAILABILITY

2021 MISSISSIPPI STATE UNIVERSITY COVER CROP VARIETY TRIAL (PLANTED OCTOBER 7TH)

FIXED NITROGEN LBS. PER ACRE

Variety*	Termination Dates		
	15-Mar	1-Apr	15-Apr
eNhance Persian	-	80	150
FIXation Balansa-98			126
Frosty Berseem53118			119
Survivor Winter Peas4167			117
Mean 43 59			70
CV% 38 42			41
LSD (.05)5162			90

*Annual species comparison



In trials at Mississippi State University in 2021, eNhance Persian Clover produced 150 pounds of nitrogen per acre

GRAZING

eNhan­ce is a very palatable and nutritious clover that works well in close grazing situations, but care should be taken as it may cause bloat. Sowing eNhan­ce in a mixture with things like ryegrass or oats may reduce this risk.

In trials, eNhan­ce performed incredibly well, generating over 3,000 lbs. of dry matter per acre.

DRY MATTER YIELDS OF COVER CROP VARIETIES

2021 MISSISSIPPI STATE UNIVERSITY COVER CROP VARIETY TRIAL (PLANTED OCTOBER 7TH)

DRY MATTER YIELD TONS/ACRE - NEWTON, MS			
Variety*	15-Mar	1-Apr	15-Apr
Frosty Berseem	1232	2959	373
eNhan­ce Persian	563	1357	6
FIXatioN Balansa	981	2170	311
Survivor Winter Peas	1084	1457	271
Mean	771	1363	1
CV%	40	39	255
LSD (.05)	585	943	7
			241

*Annual species comparison



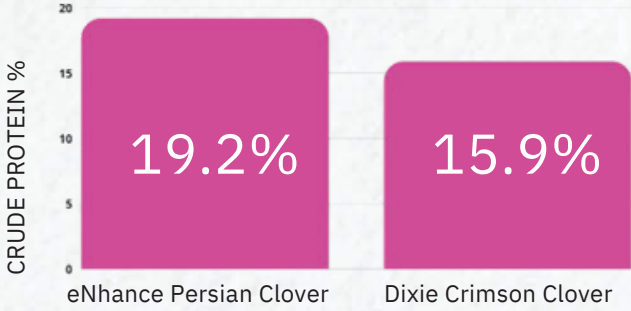
eNhan­ce Persian Clover has thick, hollow stems that make it a highly nutritious and digestible forage

WILDLIFE PLOTS

eNhan­ce Persian Clover is known to be highly digestible with excellent forage yield and feed value with crude protein levels ranging from 18-24%. .

With high protein levels, the ability to regrow when grazed, and abundant flowers, eNhan­ce is a great addition to food plots and wildlife habitat.

CRUDE PROTEIN FORAGE ANALYSIS (SPRING)
ENHANCE PERSIAN VS. DIXE CRIMSON



The coating used for eNhan­ce Persian clover is purple. If it's not purple it's not eNhan­ce!

COST-EFFICIENCY

eNhan­ce's tiny seed size (207,000 seeds per lb) means a little bit goes a long way. The cost-per-acre is up to 50% less than many other legumes making it an economical alternative for planting alone or as part of grass mixtures.

As a nitrogen-fixing cover crop, it reduces the need for expensive fertilizers.

eNhan­ce Persian Clover is

notable for root develop-

it suitable for sandier soils.

*eNhan­ce Persian clover seed coated for the organic market will be gray in color due to OMRI restrictions on coating colorants.

VERSATILITY

eNhan­ce Persian Clover can be used as a cover crop for nitrogen production and weed control or as a forage in mixtures with other legumes and grasses.

MOISTURE REQUIREMENTS

eNhan­ce Persian Clover is best adapted to areas receiving 17+ inches of precipitation. eNhan­ce is also tolerant of moderate periods of waterlogged soils.

FERTILIZER & ESTABLISHMENT

eNhan­ce is adapted to a wide range of soils from clay loams to heavy clay soils and tolerates poor drainage. The best growth is on alkaline soils, but it will grow well with a pH range of 5.0 to 8.0.

LATER MATURITY

eNhan­ce Persian Clover matures approximately 21 days later than Dixie Crimson Clover, while still producing greater overall growth throughout the growing cycle.

This later maturity allows for multiple cuttings or grazing.

COLD TOLERANCE

While most Persian clovers are not very cold tolerant, eNhan­ce Persian Clover was bred to endure low temperatures and harsh conditions.

In trials at our Southern Iowa Research Farm, eNhan­ce performed exceptionally well, enduring temperatures as low as -15° F.

