

Here's what others are saying about Persist Orchardgrass:

"The most significant and important attribute of Persist is persistence. After four years of the grazing experiment, in which there was additional grazing and drought stress during the last 2 years, there was a 70 to 80% stand of Persist compared to a 0 to 10% stand of (another well-known orchardgrass)" - Dr. Bob Conger & Dr. John Waller, Univ. of TN



"Planted it in the Fall of 07- worst drought here in 30 yrs. During the summer of 08, Persist suffered from lack of water, but held the stand well and now is producing awesome hay for me. I cut this past Memorial Day and made 51 5x4 rolls on 5 acres. Persist is the only orchardgrass for me. I won't ever sow anything else." TV, Rockwood TN



"I planted about 40 acres, and have been very pleased thus far. I just baled about 1,500 square bales" - Vance, TN

"We put Persist on our horse farm. We planted in the fall and it came up beautifully...Even with our high demand, our feed costs are down per horse. I look forward to being a customer for many years to come!" - DG, High Point, NC



"I mixed it with fescue..horses love it...getting ready to turn some sheep loose on it." - DG, Greensboro, NC

"Persist is exactly what it claims to be. Used Benchmark and rarely got more 'n 4yrs from it. Planted Persist approx 4yrs ago...the first planted here is still doing fine...A fine grass for the midsouth - RR, Amelia, VA



"Planted 55 acres 2 years ago and is doing well..all in all, I have some dandy pasture." - RC, Morriston, IN

"It survived drought of '07 very well so it should be able to handle anything" - Brian, TN

"It looks really good after one of the most severe droughts in N. Carolina history." - PW, Agricultural Agent, NC State University.



Seeding Rates and Planting Guide for Persist Orchardgrass

Establishment/Vigor

Persist is ideal for hay or grazing by all livestock types. Persist is easily established and has excellent seedling vigor. Use of clover or other legumes can also increase persistence and yield.

Seeding Recommendations

Persist should be seeded at 15-20 lbs. per acre for straight seedings. If using with other grasses or legumes, seed at 8-10 lbs. per acre. If broadcasting use the higher seeding rate. It is best to seed in two perpendicular directions.

Planting Dates

Spring planting is recommended after February 1st and before May 1st in most regions. Areas farther north may want to adjust to later dates. For fall planting, seed after August 1st and before the end of October. Contact your local extension agent or seed supplier to get more specific recommendations for your area.

Fertilizer Recommendations

Fertilization without a soil test is essentially a guessing game. A soil test using recommended standard soil sampling methods is strongly recommended. Fertilize at establishment, and then apply subsequent applications in the spring and following each cutting or grazing will promote re-growth, longevity, and optimal yields. Maintain soil pH between 6.0-7.0 when possible.

Harvesting Recommendations

It is recommended when haying to take the first cutting when the plant is in the late boot stage as the plant is heading out. Then, harvest every 4-5 weeks. If grazing, rotationally graze at three week intervals. For pastures, leave 3-4 inches for good re-growth. Rotational grazing ensures a quality stand.

PersistOrchardgrass.com

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PERSIST
ORCHARDGRASS
Plant for Keeps

Anyway you **CUT IT, CHOP IT, or GRAZE IT,**
you'll be able to **MAKE MORE MONEY** by
PLANTING PERSIST!

Persist might be the most amazing orchardgrass ever! Besides proving that it can withstand YEARS of grazing, overcome heat and drought stresses, take cold winters and hot summers, it also continues to prove itself as one of the top forage yielders, producing higher yields than most all other varieties. What does that mean to you?

Persist Means Increased Income! Higher yields and better stands equate to more money from more tonnage, quicker weight gains, and increased milk production - simply more forage per acre for your animals.

Persist Means Reduced Costs! Increased longevity, the ability to withstand grazing pressure and overcome weather-caused stresses mean you don't have to replace your fields as often when you plant Persist, saving you money! Lots of money! Also, denser stands compete better against weed pressure, reducing the need for costly herbicide applications.

Persist Means More Profit! With Persist you can make more money while reducing your costs. That's some real financial sense! Planting Persist equals profit!
When you plant Persist you **Plant for Keeps!**

Grazing Data Ames, Tennessee Spring 2004-05 (82 days each year)	
Treatment	Ave. Daily Gain
Persist & Clover	1.55 lbs
Persist	1.21
KY-31 E+	0.72

Drought Recovery Princeton, KY - '07	
Variety	Percent Stand
Persist	65%
Shiloh II	58%
Ambassador	48%
94-100	48%
ECF27	45%
Extend	43%
Hallmark	43%
Command	12%
LG-21	7%

Forage Quality Penn State - 2005 (measured with NIR)	
Variety	NDF
Persist	57.4
Command	57.8
Bounty	58.0
Niva	58.5
Century	58.3
Pennlate	58.3
Extend	58.8
Shiloh II	59.5
Haymaster	60.9
Athos	61.9
Barlemas	62.0

Forage Yields Summary of Kentucky Orchardgrass Yield Trials 1992-2008	
Yield Comparison ¹	
Persist	108%
Albert	105%
Boone	104%
Udder	103%
Benchmark Plus	104%
Crown Royale Plus	103%
Mammoth	103%
Prairie	103%
Haymate	103%
Athos	102%
Bounty	102%
Icon	102%
Century	101%
Harvester	100%
Megabite	100%
Potomac	100%
Hallmark	100%
Haymaster	96%
Tekapo	93%
Amba	88%
Vision	65%

1-Yields shown as a percentage of the mean of the commercial varieties in the trial.

**Higher Yields + Longer Persistence
= More Profit for You!**
PERSIST = PROFIT!

Higher Yields Mean More Profit

Persist provides higher yields; up to 8-9% higher over many varieties, such as Potomac and Hallmark. The following calculations, using Persist and Potomac illustrate how Persist provides more profit for hay producers. (NOTE: USE YOUR OWN MARKET FIGURES TO CALCULATE YOUR POTENTIAL SAVINGS):

Profit

Harvest at 4 tons/acre of Potomac with market value (MV*) of hay at \$110/ton: \$440
Harvest at 4.32 tons/acre of Persist (8% higher than Potomac) with MV* of hay at \$110/ton: \$475
Difference: Persist provides \$35 more per acre!

Costs

Cost of Persist: \$2.50/lb*
Cost of Potomac: \$2.00/lb*
Seeding rate: 20 lbs/acre for new seeding.
Difference: Seed cost is only \$10 more per acre!

Net Profit

\$35 more profit less \$10 more cost =
\$25 more profit/acre!

Longer Persistence Means Reduced Costs

Persist lasts longer! This means fields don't need to be replanted or overseeded as often. How much does it cost to overseed an acre (at 10/lbs acre)? Add the cost of new seed PLUS the cost of reseeding. Note: this does not include counting the risk cost of new plantings and any revenue lost from depleted yields, fallow ground, crop loss, etc.

Cost of new seed(Potomac): 10 x \$2.00: \$20
Cost of labor/equipment to re-seed: \$15
Total Cost of re-seeding: \$35

Net Savings

For every year that you don't have to re-seed, **you may save \$35 or more per acre!**

*Prices shown may not reflect your actual market price