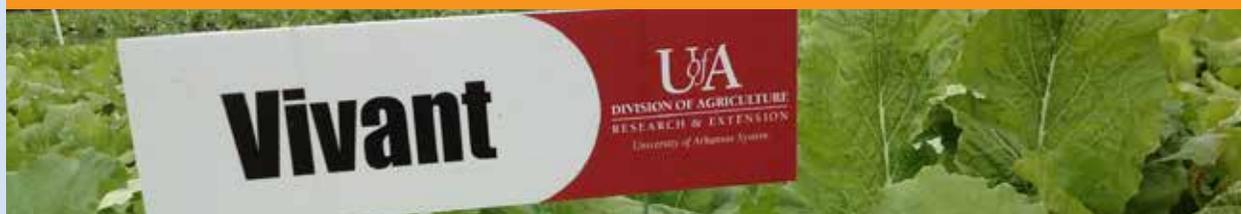




VIVANT

HYBRID BRASSICA



VIVANT

HYBRID BRASSICA

- LESS BOLTING
- HIGH DIGESTIBILITY
- FAST-ESTABLISHING
- HIGH-YIELDING, LEAFY FORAGE
- GOOD FOR GRAZING
- STRONG REGROWTH
- PROVIDES QUICK FORAGE

VIVANT LOW-BOLTING HYBRID BRASSICA

Vivant is a new, exciting rape x turnip hybrid brassica with great potential and versatility in forage or cover crop use. **Vivant** was selected for late-bolting and vigorous regrowth after grazing. **Vivant's** high feed quality, growth characteristics, and durability as a hybrid make it an outstanding forage or cover crop, combining well with other brassicas, small grains, or other cool-season, winter annual species.

APPLICATION

Vivant has broad adaptation and can be used for all classes of livestock, including dairy, beef and sheep. Vivant can extend the grazing season when cool season pastures slow down in summer or late fall. Vivant re-grows along with other summer annual grasses for multiple grazings. Plant Vivant with cereal grains or Annual ryegrass in the spring or late-summer to provide excellent tonnage and high quality forage to this mix. Vivant can also be used as a break-crop in order to renovate older pastures to different species and newer varieties. An annual crop gives a bigger window to eliminate the old undesirable forage through the use of herbicides and tillage.

With the potential to yield 10,000lbs of dry matter per acre over multiple grazings, Vivant has very good productivity and shows excellent plant persistence after multiple grazings. It is a fast establishing variety which gives high quality feed, ready for grazing within 42-70 days of sowing.

MANAGEMENT

Allow at least 35– 40 days before initial grazing of Vivant and then expect to re-graze in 25-30 day intervals. Graze no lower than 4" if for multiple grazings. Over-grazing can damage the crown and should be avoided. To maximize regrowth potential, graze before the plant bolts. For best results, soil pH should be at least 5.6 and ideally between 5.8 and 6.2. Apply at least between 35-55 lbs of phosphate per acre at planting and a light application of nitrogen after grazing. However, its recommend to avoid high nitration levels in order to reduce nitrate issues in the crop. For best results, retain a soil sample analysis and adjust soils accordingly.

SEEDING RATES

Avoid sowing seeds too deep and too far apart. Ideal depth for most forage seeds is 1/8-1/4 inches. Planting seeds deeper than 1/4 inch may not allow them to establish. Sufficient seed-to-soil contact is extremely vital. Rolling or packing the soil after seeding can ensure this. If no-tilling, the right seeding depth is 1/4 inches deep. Vivant can be broadcast seeded followed by harrowing, packing or livestock hoofing it in. Vivant may be aerial seeded in late summer for fall/winter grazing.

Direct Drilling: 3-5 lbs. /ac

Broadcasting: 4-6 lbs. /ac

Seeding with other species: 2-3lbs. /ac

COVER CROP DATA

Vivant's primary use is for earlier season weed suppression and nitrogen sequestration, or in tandem with a product such as Jackpot Turnip to fill in early and late in cover crop growth. Vivant also yields well alongside small grains, annual ryegrass or other brassicas for winter annual pasture.

2019 MSSU COVER CROP TRIAL

VIVANT % OF TRIAL MEAN*	WEED SUPPRESSION	TOTAL N AVAIL	DM YIELD LBS/AC
MARCH	111	136	95
APRIL	77	105	74

MISSISSIPPI STATE UNIVERSITY COVER CROP TRIAL

AUTHORIZED DEALER



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