



Vita Leaf XXL

Sorgo–Sudangrass Hybrid

(*Sorghum bicolor* x *sorghum sudanese*)

- * Thin stemmed, small seeded product
- * Fast regrowth for high yield
- * Photoperiod Sensitive

Vita Leaf XXL is a Photoperiod Sensitive that can be used for grazing, hay or silage. It is a thin stemmed type allowing for faster dry down for high quality hay production. Regrowth is very fast giving it high yield potential. Higher planting rates will produce a smaller stemmed forage.

Crop Use Information:

Life Cycle: Annual
Ease of Establishment: Good
Shade Tolerance: Poor - Fair
Drought Stress: Good
Wet Soil: Fair
Low pH Tolerance: Moderate
Minimum pH: 6.0
Saline Soils (White Alkali): Fair
Saline – Sodic Soils (Black Alkali): Poor - Fair
Hay: Excellent
Silage: Excellent
Continuous Grazing: Good
Rotational Grazing: Excellent
Palatability: Good
Anti-Quality: Prussic Acid and Nitrates

Disease/Insect/Nematode Ratings:

Downy Mildew: MR

Agronomic Traits:

Early Seedling Vigor: Good
Growth Habit: Upright
Recovery After Cutting: Good
Uniformity: Good
Plant Color: Purple
Midrib Type: Juicy
Seed Set: None
Maturity: Will head out when day length is 12 hours long (140-180 days)

Planting Rates:

Bushel Weight: 56 lbs.
Do not plant in soil temperatures below: 60° F
Seeds per Pound: 24,000 – 25,000

Rate (Lbs.):	Dryland	Irrigated
	10 – 30	35 - 100
Seeds/Sq. Ft.	5 – 14	17 – 48

Strengths

Small stemmed product
Small seeded product
Long season maturity
Low water requirement- will wait on rain without heading

Weaknesses

Early planting may void Photoperiod Sensitivity
Later cuttings slows drydown

Seeding:

Soil temperature should be at least 60° F at 1-2" deep
Can be no-tilled into the stubble of winter and spring crops
Do not plant on soils with pH greater than 7.5 to 8.0. Chlorosis will be a problem

Harvest:

Vita Leaf XXL can be harvested at any time. With Photoperiod Sensitive varieties, you can harvest when the plant is 4' tall or you can wait until the plant reaches 10-12' tall. It will also wait on a rain and not head out when the plant is stressed. Premium Stock LS also has a small stem but will not lodge.

Avoiding Nitrate and Prussic Acid Poisoning from Sorghum:

Avoid large nitrogen applications prior to expected drought periods
2,4-D can increase Prussic Acid concentration for weeks after application
Do not harvest drought damaged plants within 4 days following a good rain
Do not harvest within 7 days of a killing frost
Cut at a higher stubble height, nitrates tend to accumulate in the lower stalk
Wait 1 month before feeding silage to give Prussic Acid enough time to escape



Imperial Valley Seed Co.
Woodland California
(530)661-2222