

Calorific+

Calorific+ is an outstanding new hybrid sweet sorghum ideally suited to fodder conservation.

GENERAL FIT

Like all sweet sorghum types, Calorific is slower to establish than sudangrass and sorghum x sudan hybrids if early feed is required. But when it is left to grow beyond 1.2m in height it will produce more than those earlier types. It can grow up to 3m tall and will have good grain content if allowed to mature for a late silage cut.

As such it is best suited to where a grower is chasing maximum fodder yield from one or potentially two large harvests. It is a late flowering variety with a large broad leaf to maximise leaf to stem ratio and hence improve feed quality. It also has high sugar content in the stem so will not be penalised when used for high yielding silage cuts.

Under good conditions or where irrigation is available, it can be shut up for a second cut or grazed by livestock.

Suited to Dairy & Beef
Cattle, Silage and Hay



FEATURES

New hybrid sweet sorghum x sweet sorghum Late maturity
Large broad leaf High sugar stem

BENEFITS

- Suited to high yielding one or 2 cuts for fodder
- Retains quality under longer growing season
- Provides higher quality feed for conservation
- Maintains good quality

SOWING RATES

Dryland 6-10kg/ha
Irrigated 10-20kg/ha

SWEET SORGHUM CUTTING TRIAL, ROMA 2021/22*

VARIETY	HARVEST 1 (06.01.22)		04.03.22	25.05.22	
	GENERAL RATING	DM YIELD (T/HA)	GENERAL RATING	GREENNESS RATING	GENERAL RATING
Calorific+	7.5	8.7	6.5	8	8
Sugargraze	7.5	10.05	6	6	6
Lantern	6	9.27	6	6	6

SWEET SORGHUM SILAGE TRIAL, WARWICK 2021/22^

VARIETY	16.03.22	13.04.22	04.05.22					HARVEST 1 (26.05.22)					
	GENERAL RATING	GROWTH STAGE	EX.T RATING	RUST RATING	ERGOT RATING	GENERAL RATING	GRAIN SET %	EX.T RATING	RUST RATING	ERGOT RATING	GENERAL RATING	GRAIN SET %	DM YIELD (T/HA)
Calorific+	8	Mid Flower	8	7	8	6.5	95	6	4	8	5.5	100	16
Sugargraze	7	Heads Em.	7	7	5	7	0	6	6	3	6	5	17
Lantern	6	Mid Flower	7	5	4	5.5	5	7	5	4	5	10	15.2

SWEET SORGHUM MULTICUT TRIAL, WARWICK 2022/23#

RATINGS ARE ON A 1-9 SCALE: 1=VERY POOR, 9=EXCELLENT.

VARIETY	HARVEST 1 (17.01.21)		HARVEST 2 (SILAGE CUT) (05.05.2023)						TOTAL DM
	GENERAL RATING	DM YIELD (T/HA)	BLIGHT RATING	RUST RATING	ERGOT RATING	GENERAL RATING	GRAIN SET %	DM YIELD (T/HA)	DM YIELD (T/HA)
Calorific+	7.5	4.45	7	7	9	7	90	22.26	26.71
Sugargraze	7.25	4.36	6	7	6	7	30	15.34	19.7
Lantern	7	5.25	7	5	7	6	50	19.27	24.52
Megasweet	7	5.45	5	4	7	5.5	70	12.37	17.82

*Sown 18/11/21. Original Calorific not planted in 21/22 trials. ^Sown 25/01/22. Original Calorific not planted in 21/22 trials. #Sown 23/11/2022. First harvest was taken as a grazing harvest, second harvest was taken as a silage cut.