

SWEETCORN & BABY CORN

CHARACTERISTICS	STAR 7714	STAR 7718	STAR 7719	LEGACY	ASSEGAI	DEFENDER	THAI GOLD
Relative Days (Planting to Maturity)	95	85	95	87	92	90	45 - 47
Plant Height (cm)	210	175	220	180	185	190	210
Ear Height (cm)	80	65	90	70	70	75	140
Ear Shape	Slight Taper	Super Cylindrical	Slight Taper	Cylindrical	Slight Taper	Gently Tapered	-
Ear length (cm)	17 - 21	16 - 18	18 - 20	16 - 18	18 - 20	16 - 18	-
Kernel Colour	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Kernel Depth (mm)	11	11	12	12	12	11	48-50
Type (Related to sugar content)	Traditional Sh2	Traditional Sh2	Traditional Sh2	Augmented Sh2	Traditional Sh2	Traditional Sh2	Cylindrical
Market category	Fresh Market	Fresh Market	Fresh Market	Fresh Market	Fresh Market & Processing	Fresh Market & Processing	Pre Pack, Fresh Market & Processing

DISEASE TOLERANCE

H.R* (High / Standard Resistance)	Ps (Rp1D)		Ps (Rp1D)		Et, Ps (Rp1D,G)		Bright Yellow
I.R* (Moderate / Intermediate Resistance)	Et, Ps (Rp1G)	Et, Ps (Rp1D,G)	Et, Ps (Rp1G)	Et, Ps (Rp1D,G)		Et, Ps (Rp1D,G)	Downy Mildew
Comments	STAR 7714 has excellent seedling vigour and a very robust growth habit. The ability to produce large ears even in cooler conditions makes it ideal for off peak planting times.	STAR7718 performs best in the peak summer season, producing very cylindrical and uniform ears with excellent eating quality and a deep yellow kernel colour.	STAR 7719 has excellent seedling vigour and a very robust growth habit. The ability to produce large ears even in cooler conditions makes it ideal for off peak planting times.	Extremely high quality, high yielding new yellow augmented sweet corn. Ideal for specialized markets for example Woolworths.	Tall growth habit, produces long ears with excellent kernel depth. Suitable for pre packing and processing. Has excellent disease package with resistance to local strains of common rust.	<i>Plants can be tall with a high ear height (watch for lodging). Ears have good colour and strong pericarp allowing a long harvesting period. Suitable for pre-packing and processing.</i>	Thai Gold offers the baby corn grower the opportunity to supply various markets with produce of the highest quality. The variety stands out of uniformity, quality and has some of the highest yields.

* Traditional sh2 refers to a naturally discovered gene that is used in breeding sweet corn. This gene causes an interruption in the starch synthesis pathway in the endosperm of the seed. As a result sugar cannot be fully converted into starch and so accumulates in the defeloping seed.

Traditional sh2 sweet corn is more famously known as "supersweet corn". Traditional sh2 corn must be isolated from non shrunken corn.

** Augmented sh2 sweet corn is a new development in sweet corn breeding. This corn contains the same naturally discovered sh2 gene, but has in addition further taste enhancing or augmenting genes (also naturally discovered).

The result is even greater sweetness, a more creamy corn flavour, and greater tenderness. Augmented sh2 corn must be isolated from non shrunken corn.

SEEDS OF SUCCESS