



sowing the seeds of prosperity

# Bolton 495™ Pinto Peanut

## *Arachis pinto*

*Bolton 495™ Pinto Peanut is a relatively new forage pinto cultivar to the Australian pasture market. Southedge Seeds is the exclusive producer of seed in Australia of this robust forage pinto peanut, and has spent several years in assessing its potential and identifying cost effective means of harvesting this difficult seed.*

### Checklist

- ✓ **Long term tropical / subtropical perennial pasture legume**
- ✓ **High dry matter production**
- ✓ **Suitable for a wide range of grazing systems**
- ✓ **Suitable for ground cover within tropical plantations**
- ✓ **Excellent drought and shade tolerance**
- ✓ **Grows on a wide range of soil types**
- ✓ **Sowing Rate - 1- 4 ENVIROGRO® pellets per square metre or dependent on pure live seed count 5-20kg/ha**

### Environment

Bolton 495™ pinto peanut will grow in tropical and sub tropical regions where the average annual temperature is between 21-23°C, with best growth occurring when temperatures range between 22-28°C. Plant tops are killed by frost. However, new growth will come from the crown and from seedling regeneration. Whilst plants will grow in rainfall zones of 1000mm per year, best production occurs with greater than 1500mm per year. Plants established from seed develop a strong tap root enabling them to tolerate up to 5 months dry season, whereas cuttings have inferior root systems producing only fibrous roots. Bolton 495™ grows exceptionally well in shaded areas, and in some cases may produce more growth than in full sun.

### Soil Type

Bolton 495™ like all pinto peanut cultivars will grow on sandy loam to loam soils with soil pH between 4.5 and 7.2, with growth being reduced at pH below 5.4. Whilst it does prefer to grow in soils of moderate to high fertility, pinto peanut can survive in infertile soils, as well as soils with high levels of manganese and aluminium. Unlike most legumes, Bolton 495™ pinto peanut will withstand short periods of

waterlogging, but will only tolerate low to moderate levels of salinity.

### Establishment

Establishing pinto peanut is not something that should be rushed into. Considerable cost is goes into establishing either pure stands or sowing into established pastures, and one mistake can lead to headache and lost money. Unlike ordinary peanuts, the seeds are fragile and easily damaged, so planting machinery needs to be carefully looked at, and press wheels need to be able to apply sufficient seed soil contact for optimum field establishment. There are no fixed rules as to what the best row spacing's are. However an established plant can run up to 2m/yr in the tropics. Inoculation is essential for optimum production, ensuring the plant will fix enough nitrogen for both itself and any other plants. The ENVIROGRO® pelleted seed is already pre-inoculated making for one less job come planting time.



agronomically modified pasture seeds

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