



After 20 years of producing, grading and marketing tropical and subtropical pasture seed in northern Australia and internationally, Southedge Seeds Principal, John Rains, identified a need for higher quality, greater predictability and integrity within the bare and coated pasture seed industry. This led to the development of ENVIROGRO[®] pelleted pasture seed back in 2000.

Over the years, the Pure Live Seed of the ENVIROGRO[®] pelleted seed has pushed the limits of seed quality to levels never thought possible within the tropical seed industry.



Bare Buffel

The glumes of chaffy grasses and outer husk of other grasses and legumes is removed, using a patented process designed by Southedge Seeds, to expose the seed kernel (caryopses).



Buffel Caryopse

The seed kernels are then cleaned to remove any inert material, foreign weed seeds and any light or immature seed. Samples are then sent to ISTA accredited laboratories to provide an accurate analysis of the seed line.



ENVIROGRO[®] Buffel

The seed kernels are then pelleted using a unique mixture of inert filler, water based polymer, organic ant repellent, trace element fertiliser and root growth stimulant. This pellet is designed to protect the seed kernel from the harsh environment experienced after sowing, and will not allow germination until reasonable rainfall or after extended periods of exposure to soil moisture through seed soil contact. Legumes are also inoculated.

Bare Seed ^{VS} ENVIROGRO[®] Pelleted Seed

Bare Seed	ENVIROGRO [®] Pelleted Seed
<ul style="list-style-type: none"> • Greater risk of weed seed contamination • Harder to calibrate seeding equipment • Higher rates of dormant and hard seed • Seed bridging in seed equipment • Difficult to handle • Limited access to necessary nutrients at germination • Difficult to accurately match sowing rate to desired plant stand • Seed quality not always guaranteed 	<ul style="list-style-type: none"> • Guaranteed purity and germination • Reduced risk of weeds • Accurate calibration of planting equipment • Legumes such as Stylos are scarified and inoculated • Trace element fertiliser and root growth stimulant available to the germinating seedling • Improved seed germination • Easier to sow



sowing the seeds of prosperity

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Are you getting the best value for money?

Generic Coated Katambora Seed	ENVIROGRO [®] Katambora Seed
Starting Bare Seed Line: <ul style="list-style-type: none"> • Purity 89.9% • Germination 58% 	Starting Bare Seed Line: <ul style="list-style-type: none"> • Purity 89.9% • Germination 58%
Common Coated Seed Line: <ul style="list-style-type: none"> • Purity 89.9% • Germination 58% • Seed Count /kg - Approx. 500,000 • Approx Cost \$8.50/kg • Cost/kg PLS \$16.50/kg • Live Seeds/kg - 260,000 seeds/kg 	ENVIROGRO[®] Seed Line: <ul style="list-style-type: none"> • Purity 99.1% • Germination 70% • Seed Count /kg - Approx. 500,000 • Approx Cost \$9.00/kg • Cost/kg PLS \$13.50/kg • Live Seeds/kg - 340,000 seeds/kg
<p>To get 60 plants/m² @ 50% field establishment, the sowing rate would need to be 4.6kg/ha, which would cost \$39.10/ha.</p>	<p>To get 60 plants/m² @ 50% field establishment, the sowing rate would need to be 3.5kg/ha, which would cost \$31.50/ha.</p>

PLS (Pure Live Seed), is calculated by using Purity x Germination. This gives the total value of live seed. It is the only accurate measure of the actual quality of a seed line.

Straight from the horse's mouth



"I have wasted a lot of money on unpelleted or bare seed in the past for no result. Since switching to ENVIROGRO[®] pelleted seed, I am seeing the results first hand with improved establishment. Now it's the only seed I will use."

Tom Mauloni
Mt Albion Station
Mt Garnet, Queensland



agronomically modified pasture seeds