

# 4 reasons why PBS International pollination bags make sound economic sense.

## An independent study.



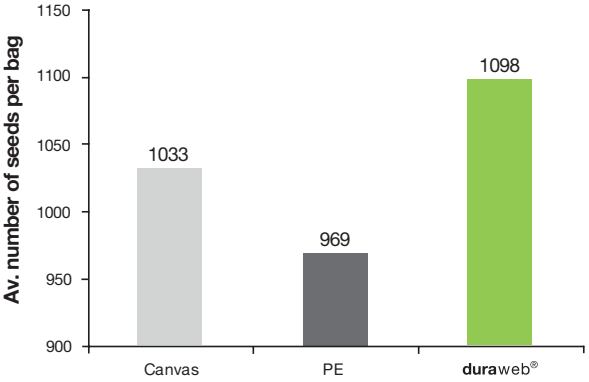
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Dami's Oil Palm Research Station conducted an independent comparison of Canvas, Polyethylene (PE) and **duraweb®** pollination bags in commercial seed production. Their findings clearly show that PBS Pollination bags offer a greater return on initial investment.

### 1. duraweb® bags outperform other bag types.

**duraweb®** bags were the only ones which passed all three usability tests; protecting against insects, not sagging onto the inflorescence, and not accumulating water on the fabric or inside the bag.

Characteristic	Canvas	PE	duraweb®
Intactness	Collapse	Collapse	Intact
Presence of insects	Present	Absent	Absent
Water Retention	Slight	Water present	None



### 2. Bag type affects seed yields.

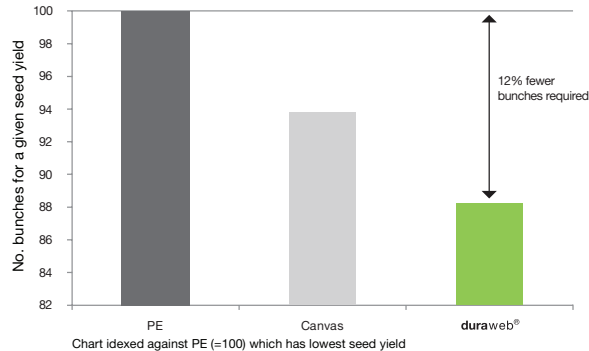
On average **duraweb®** bags yielded a massive 13% more seeds than PE bags & 6% more than canvas.

### 3. Investment generates US \$97,000 extra revenue.

Over 1,000 bags, the superior seed yield from **duraweb®** bags equate to nearly \$97,000 extra revenue compared to PE bags. **duraweb®** generates nearly \$49,000 extra revenue, versus canvas and discarded seeds due to contamination would increase this further.

	Indicative cost of 1000 bags	Value of seeds produced*
duraweb®	\$ 10,000	\$ 1,098,000
Canvas	\$ 6,000	\$ 1,033,000
PE	\$ 7,000	\$ 969,000

\*assuming 75% germination rate and \$1 / seed



### 4. Higher seed yields means lower costs.

A higher seed yield means fewer bunches need to be produced to achieve a given volume of seeds. This reduces all other associated costs eg labour, administration, processing costs.

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