



## Passion Supreme

- Reduces inedible silage by 72%
- Reduces top surface loss by 50%
- Improves aerobic stability by 2.5days
- Maintains silage quality and nutrient supply
- Improved profit per tonne of silage fed
- Less plastic to recycle

Scientifically proven to protect forage and grains from oxygen – over 1000 times more than traditional covers.



The Passion Ag team have years of experience in the manufacture and distribution of oxygen barrier films for agriculture across the globe.

**For further information please contact us:**



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**P** PASSION  
FILM

# SUPREME

**1000X**



**OXYGEN BARRIER FOR BUNKERS**

Thick all in one cover

Maximum barrier | Maximum convenience

## What is Passion Supreme ?

Passion Supreme is a one piece 80 micron film that provides oxygen barrier and is UV stable . It has been specifically engineered and proven to protect forage and grains from oxygen – 1000 times more than traditional plastic covers.

### Oxygen Transmission Rate

	OTR	OTR
	ASTM D3985-02 100% O <sub>2</sub> cm <sup>3</sup> / m <sup>2</sup> / 24h	DIN 53380-3 21%O <sub>2</sub> cm <sup>3</sup> / m <sup>2</sup> / 24h
Regular cover	2000	400
Clear 50µm (2mil )	5800	1200
<b>Passion Supreme</b>	<b>1</b>	<b>0.2</b>

It is strong, stretchy, flexible and more clingy than traditional covers, easy to use and cost effective.

Applied immediately after harvesting and packing, Passion Supreme barrier film blocks oxygen from penetrating and is UV stable ,allowing high quality fermentation of the feed and reducing surface spoilage of the pile or bunker.



## Why use Passion Supreme?

We are passionate about protecting a farmer's investment in forage harvest which means protecting the forage from degradation.

The team at Passion Ag was the first to pioneer the use of oxygen barrier materials which greatly restricts oxygen contact with silage thereby significantly reducing waste in the top layers of a bunk or pile.

Our team was also the first to implement 9-layer technology in silage covers, enabling us to manufacture high-barrier films with superior mechanical properties.

We manufacture with the most advanced technology and utilize only class-leading raw materials to ensure unique and beneficial product characteristics.

## Research confirms the superiority of Passion Supreme

41 comparisons of oxygen barrier film with regular polyethylene covers on bunkers and clamps including drive-over piles and small silos.

		n	PE film	OB Film	Sig.
Bunker and clamp silos	Loss (%)	41	19.5	11.4	<0.001
	Inedible DM (% of total DM)	5	10.7	2.96	0.022
	Aerobic stability (hours)	11	75.3	134.5	0.001

J.M.Wilkinson and J.S. Fenlon (2013). A meta-analysis comparing standard polyethylene and oxygen barrier film in terms of losses during storage and aerobic stability of silage. Grass and Forage Science. Published online October 2013. doi:10.1111/gfs.12087.

## Using Passion Supreme

- Passion Supreme is available in a full range of sizes to meet every silage bunker requirement
- Passion Supreme is available in a variety of colour combinations
- Passion Supreme must be protected from physical damage.
- Store in original packaging out of direct sunlight
- Application tips can be found on our website [www.passionag.com](http://www.passionag.com)

**Passion Supreme is scientifically proven to protect forage and grains from oxygen - over 1000 times more than traditional covers.**

**Passion Ag offers a range of products to support your business with forage management.**

**Passion Gravelbags** are convenient and easy to handle. They are designed for long life specifically for superior bunker sealing. They remove the need for tyres while sealing edges and seams of the bunker and allow water to drain.

**Passion Fleeces** have a unique tough non-woven and non-fray construction designed for farms; highly resistant to tears and perforations. They are not affected by wind and repel water while hugging the silage contours. Passion Covers protect the silage film from sunlight, from birds and other physical damage. UV stabilised for a long life they are re-usable, non-toxic, recyclable and come in a range of sizes.