

PRODUCT GUIDE CROP PACKAGING



WELCOME

to our Crop Packaging
Product Guide.

With large stock holdings of crop packaging across our four branches, Webbline offers the complete range of crop packaging and silage consumables.



Meet the team with knowledge in forage! Celebrating over 25 years in crop packaging

European quality for today's modern farming operations. Webbline can offer a wide range of silage consumable products for your operation.



Webbline can now offer a wide range of bale wrap and crop packaging products for your operation. Considerable time has been spent over the past decade in sourcing and testing a range of products suited to New Zealand conditions. All silage consumable products offered by Webbline are of the highest quality from reputable European companies.

First founded by the Malcolm Family over 60 years ago Webbline has grown to be one of New Zealand's leading Grass and Forage Harvesting Specialists.

With all agricultural harvesting, there is always the pressure to get the job done using the best equipment for the job and with the most efficient use of time.

Webbline's commitment is to advise and supply the right equipment for its clients' needs, backed up with highly trained technicians and the supply of premium parts and service.



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Bale Wrap



MIMA  FILMS



 **WEBBLINE**



WEBBLINE BALE WRAP

Webbline Bale Wrap possesses high puncture and tear resistance properties. In addition, superior tack structure gives you an airtight bale and reduced tails in all weather conditions. High UV stability for NZ conditions, offering protection to bales wrapped in all climates giving you peace of mind that your bales are safe and secure when stored. Webbline Bale Wrap is 100% recyclable.

Key Benefits

- ◆ High Puncture Resistance
- ◆ 70% Stretch Rating
- ◆ High UV Stabilisation
- ◆ 12-month degradation warranty
- ◆ High Tack, less tails

Specifications:

Width (Millimetres)	Length (Metres)	Thickness (Micron)	Colour
750mm	1500	25	Light Green



MIMARAP FILM

Arguably, the world's most respected silage baling film, Mimarap comes with a 12-month guarantee against UV degradation, features high UV stabilisation and provides an airtight and weatherproof shield.

Mimarap is a triple layered film which means 3 layers of molten resins are fused together. This makes Mimarap one of the toughest films on the market. To make Mimarap, only 100% virgin raw materials are used. This ensures that Mimarap is the toughest stretch plastic on the market and that it wraps wider on the bale than any other leading brand providing a better seal and giving you better quality silage.

Key Benefits

- ◆ Tried and proven in NZ and internationally, for more than 25 years.
- ◆ High tack, consistent sealing properties.
- ◆ The toughest bale wrap on the market, high puncture and tear resistance.
- ◆ Guaranteed to withstand the harshest climates.
- ◆ Less neck down giving a better overlap and seal.
- ◆ Made to International Quality Standards for extreme conditions.
- ◆ Superior Opacity especially with the white film.
- ◆ Provides an airtight and weatherproof shield.
- ◆ 12 months guarantee against UV degradation.
- ◆ High temperature tolerance.
- ◆ Lucerne/stalky crops.

Specifications:

Width (Millimetres)	Length (Metres)	Thickness (Micron)	Colour
750mm	1500 or 1650	25	Green & White
750mm	1300	30	White

MIMA FILMS

Mima have manufacturing centres in Ireland and Belgium. They are one of the world's largest manufacturers of stretch films for all applications. Using advanced technology and with their vast historical experience, they have developed the highest quality silage stretch wraps available on the market.

Mima guarantees that only the highest quality resin is used in the manufacture of Mimarap. This is to ensure contractors and farmers receive consistent and premium film in every roll.





MIMARAP CONTRACTOR SERIES

Webblin can now offer an extended range of the Mima product with the 1800m long Contractor Series balewrap.

This product is 22 microns in thickness giving you excellent puncture resistance, whilst achieving approximately 20% more bales than a standard 1500m roll.

Using the same rigorous quality control and manufacturing excellence as the standard Mimarap you can guarantee this product will be one of the best while saving you time and money in the field.

This product is specially packed with no cardboard boxes leaving minimal packaging for you to dispose of after usage.

Key Benefits

- ◆ Contractor packaging.
- ◆ Superior tack.
- ◆ High puncture resistance.
- ◆ 20% more bales per roll.
- ◆ Boxless Packaging – Quicker reloading times & less packaging to dispose of.

Specifications:

Width (Millimetres)	Length (Metres)	Thickness (Micron)	Colour
750mm	1800	22	Green & White



MIMA F1 BALE WRAP

Mima F1 Wrap is an innovative product designed to advance your bale wrapping process and produce significant cost savings for your business. Mima F1 Wrap is a thinner micron film which produces a longer roll which lets you gain more bales per roll and fewer tractor stops to change rolls. While the film is a thinner micron, the latest technology equipment used to produce the films guarantees the quality and puncture resistance is still achieved.

Key Benefits

- ◆ Longer rolls = More bales per roll = Lower per bale cost
- ◆ Fewer roll changes = High efficiency wrapping process = Cost savings for your business
- ◆ High Tack, High UV
- ◆ 70% Stretch Rating
- ◆ High Puncture Resistance

Specifications:

Width (Millimetres)	Length (Metres)	Thickness (Micron)	Colour
750mm	2000	20	Light Green



RANI PLAST

Rani Plast was founded in Terjärv Finland in 1955 by Runar Svartsjö, Alf Ahlbäck, Nils Ahlbäck, and Ingmar Albäck to produce plastic packaging solutions. Over the years Rani Plast have expanded their product range and now Rani Plast produced products are used in multiple industries worldwide. Rani Plast have nine strategically located factories located in five countries and is one of the world's leading producers of agricultural films.



RANIWRAP – SUPERIOR PERFORMANCE

RaniWrap is recognised and appreciated worldwide as the first choice in multi-layered stretch films for bale wrapping. Due to continual product development, building on the original success of RaniWrap which was released in the 1980s it remains as one of the toughest and most puncture resistant bale wraps available in today's market.

Our highly effective, multi-layer bale wrap films are suitable for all types of bales.



Key Benefits

- ◆ Manufactured from best raw material available.
- ◆ Stringent quality controls.
- ◆ Improved tack & UV protection.
- ◆ Consistent high-quality.



Specifications:

Width (Millimeters)	Length (Metres)	Thickness (Micron)	Colour
750	1500	25	Blue, Green & White



RANIWRAP XTRA EASY PACK – BALE WRAP FOR MODERN WRAPPERS

RANIWrapXtra is an environmentally-friendly packaging solution for the professional user and is ideally suited to modern high capacity wrappers. RaniWrapXtra offers longer reel lengths, which is a great benefit to operators as more bales can be wrapped per reel, which means less reel changes required, & leads to higher hourly throughput.

Key Benefits

- ◆ Made from the best raw material available.
- ◆ Stringent quality controls.
- ◆ Improved tack & UV protection.
- ◆ Consistent high-quality.
- ◆ Boxless Packaging – Quicker reloading times & reduction of packaging materials to be disposed of

Specifications:

Width (Millimeters)	Length (Metres)	Thickness (Micron)	Colour
750	1800	22	Green
750	1900	21	Green

**Rani
Wrap**
Xtra Easy Pack



Binding Materials





MIMARAP NET REPLACEMENT FILM (NRF)

Using plastic film instead of net to hold a bale together is the latest significant development in the production of baled silage.

Mima NRF is stretched onto the bale. Its elasticity and strength properties hold the bale together. This is vital to ensure correct wrapping. The film also helps to seal in the goodness of the forage and keep out air. This leads to improved feed quality, better storage and increased animal production.

Key Benefits

- ◆ Improved silage quality
- ◆ Reduces mould
- ◆ Increased labour savings
- ◆ High strength
- ◆ Special compression memory
- ◆ Better stretch



Specifications:

Width (Millimetres)	Length (Metres)	Thickness (Micron)	Colour
1280	2000	17	White
1380	2000	17	White





RANIBIND – NETWRAP REPLACEMENT FILM

RaniBind is a net wrap replacement film that can be used instead of conventional netwrap. As the film is already pre stretched before being applied to the bale, it assists to retain the high bale density, and adds an extra layer of film to the bale, both of which assist to prevent the degradation of forage quality, through the prevention of oxygen getting into the bale.

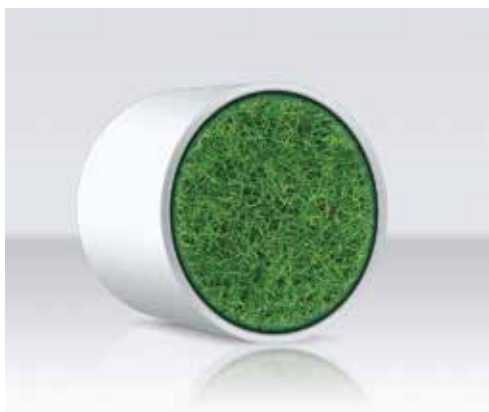
RaniBind is made from the same material as the baleage wrap, so there is no need to separate out the two plastics before recycling.

Key Benefits:

- ◆ Recycled with the wrapping film
- ◆ Improved feed preservation quality.
- ◆ Easy removal of crop packaging materials
- ◆ Improved Oxygen Barrier
- ◆ Faster Wrapping Times

Specifications:

Width (Millimeters)	Length (Metres)	Thickness (Micron)	Colour
1280	2000	17	White
1380	2000	17	White



**Rani
BIND**



COTESI X-PAND NETWRAP

The new release baling net from Cotesi features a double weft construction.

Key Benefits

- ◆ More protection to crops.
- ◆ Ability to withstand higher pressures.
- ◆ Reduced damage during transportation process.
- ◆ Uniform bale with smooth surface.

Specifications:

Width (Millimetres)	Length (Metres)
1230	3000
1250	3600 & 4200
1300	3600





WEBBLINE SUPERCOVER NETWRAP

The baling season can be trying, unpredictable and weather dependent, so you want to make sure that when the time comes the net you are using steps up to the mark, giving top quality coverage at all times. Look no further than our Webbline Netwrap providing full coverage and suitable for all balers used for silage grass and straw.

Key Benefits

- ◆ Consistent quality.
- ◆ Guaranteed length.
- ◆ Improved efficiency.
- ◆ UV stabilised.
- ◆ Full coverage E2E.
- ◆ Unique colour coded loading indicator which enables clear and easy loading.

Specifications:

Width (Millimetres)	Length (Metres)
1250	3600 & 4200



PROMESH NETWRAP

This advanced netwrap by Exporplas is characterised by its superior quality and ability to perfectly adapt to current crop conditions. Developed using high-quality raw ingredients and innovative technology, Promesh NetWrap was designed for all types of crops even under harsh baling conditions.

Key Benefits

- ◆ UV Stabilised
- ◆ Guaranteed length
- ◆ End of roll markings
- ◆ Full coverage E2E
- ◆ High net strength
- ◆ Loading indicator allows clear and easy loading

Specifications:

Width (Millimetres)	Length (Metres)
1230	3600





BALING TWINE

Cotesi One Unitech

The perfect combination between the best-seller Cotesi ONE and the newest UNI TECH technology. The development of this product results from global knowhow in polymer and extrusion technology, completed with extensive in house testing facilities as well as field tests. With Cotesi One professionals are able to take full advantage of the superior performance of their balers and to bale any kind of crop with regular weather conditions and the Unitech technology ensures that bales do not expand, making bales easier to transport. This twine is enriched with higher grip and knot stability as well as an improved performance in billhooks. For those seeking extended performance NHD One shares the same characteristics as Cotesi One but comes in a 14kg/1500m spool.

Key Benefits

- ◆ Highest grip and knot strength
- ◆ UNique – A unique length of spool in the market, giving greater self-sufficiency on the field.
- ◆ To be used under extreme baling conditions.
- ◆ Softness and fibrillation improved, thinner twine for an easier knot and a high performance grip.
- ◆ More straw for the same volume or less space to store the same weight of straw.



Cotesi Goldsoft Unitech Twine

This twine is the combination of strength and softness to provide a stronger knot under all conditions and the Unitech technology ensures that bales do not expand, making bales easier to transport. Some balers are quite sensitive to twine softness. Goldsoft's properties result in lower friction thus allowing a higher baling speed. The best compromise between knot resistance and profitability per bale. For those seeking extended performance NHD GoldSoft shares the same characteristics as Cotesi GoldSoft but comes in a 14kg/1650m spool.

Key Benefits

- ◆ For high-density bales
- ◆ Improved knot resistance and grip
- ◆ Low friction characteristics
- ◆ Reduced wear on baler parts



BALING TWINE

Cotesi UNI Twine

A new generation of twines comes up: UNI by Cotesi brings you more 47% length per spool. Cotesi picked the knot strength of a 110 Type twine and add the length of a 150 Type, converging 3 references (110, 130 and 150) into a Unique product.

Key Benefits

- ◆ UNIsized – A spool that fits all balers;
- ◆ 47% more length per spool*
- ◆ Best value per meter in the market
- ◆ UNIQue – A length of a twine unique on the market, giving greater self-sufficiency in the field
- ◆ Reduction on the numbers of References to buy for a season, reducing carry-over risks as well
- ◆ Fewer spool changes needed during a working day
- ◆ One product for straw and silage baling

* (vs. traditional 110 type)



Cotesi Conventional Twine

From the wide range of Cotesi Products, Cotesi 250 and 300 is the best compromise for all conventional balers. It is the softest twine for Small Square Bales, making it ideal for hay baling. Cotesi conventional baler twine have a universal application.

Key Benefits

- | | |
|-----------------------------|-----------------------|
| ◆ Improved knot performance | ◆ Perfect spool shape |
| ◆ High density bales | ◆ Unique ID number |
| ◆ More operation efficiency | ◆ UV stabilized |
| ◆ Universal application | ◆ Knot free |



BLACK/WHITE COMBI COVERS

- ◆ Two covers in one application means easy to handle and install.
- ◆ Made from 100% Virgin Raw materials to give you the finest quality silage cover to preserve your forage.
- ◆ Excellent mechanical properties and strong resistance to tearing and impact.
- ◆ Excellent oxygen barrier properties.
- ◆ High UV Protection.
- ◆ Underlayer film creates Vacuum effect which minimizes surface mould.
- ◆ 100% Virgin Raw material, fully recyclable & food grade contact means better silage due to no recycled material in contact with fodder.
- ◆ 15m, 18m & 20m widths.
- ◆ 300m Bulk rolls.



STANDARD SILAGE STACK COVERS

RaniSilo Black/White silage covers offer excellent perforation resistance and distortion. RaniSilo Black/White silage covers are made from 100% virgin raw materials to deliver the best possible forage and are very user-friendly.

- ◆ Exclusive product with 7 layers
- ◆ 150 micron
- ◆ Reinforced mechanical resistance
- ◆ Extended durability
- ◆ Excellent preservation of forage
- ◆ Easy unfolding
- ◆ 12, 15, 18, & 20m widths
- ◆ 300m Bulk rolls
- ◆ Tailor-made to meet the most demanding requirements
- ◆ Reliable quality





RANISILO2 OXYGEN BARRIER SILAGE COVERS – EFFICIENCY IN SILAGE MANAGEMENT

RaniSilo2 has received positive feedback from farmers and contractors for its ability to preserve silage quality. It is 100x more efficient at keeping out oxygen compared to conventional silage film. Protection against oxygen keeps the respiratory losses of silage to a minimum which prevents the growth of unwanted bacteria, mould & mycotoxins which can lead to a decrease in forage quality.

Oxygen barrier films significantly reduces silage dry matter losses in the top portion of silage stacks. Research has shown that dry matter intake is the single most important factor affecting milk production, feed costs and ultimately profitability.

Key Benefits

- ◆ Enhances the fermentation process
- ◆ Recyclable
- ◆ UV Stabilised
- ◆ 7 Layer Technology leading to a highly efficient oxygen barrier.

Specifications:

Width (Metres)	Length (Metres)	Colour
15	300	Green/Grey
18	400	Green/Grey
20	400	Green/Grey

Rani
SILO₂





BUDISSA BAG SILAGE & GRAIN BAGS

- ◆ Multilayer co-extrusion Black / White bag.
- ◆ Developed for the fermentation and storage of animal feed, Powerbag offers more flexibility and advantages than traditional silage applications.
- ◆ Excellent mechanical properties and strong resistance to tearing and impact.
- ◆ Adequate temperatures maintained for optimal fermentation.
- ◆ Hermetically sealed area prevents the growth of aerobic bacteria.
- ◆ Very low permeability to oxygen. Excellent barrier against water and air, avoiding possible leakage of polluting gases.
- ◆ Consistent thickness to eliminate weak spots.
- ◆ 1.98m (6.5ft), 2.74m (9ft), 3.05m (10ft) & 3.66m (12ft) bags available.
- ◆ 75, 100, & 150m lengths available.
- ◆ Other sizes available on request.



PERFORMER HAY TARPS

The Performer™ range of hay tarps were specifically designed to cover round or square bales. The UV resistant 17-micron woven polyethylene material is tough enough to handle the harsh New Zealand weather conditions. The Performer™ Hay Tarps are rot, mould, and mildew resistant, and they provide superior water and wind resistance, and protection from sun damage.

The Performer™ hay tarps are designed with short lengths of PVC pipe pre-installed into pockets that run the length of the hay tarp. Attached to each section of pipe is a Super Cinch™ Tie-Down assembly, this design allows maximum tension to be evenly distributed along the edge during tie-down, & no eyelets to rip out. The Super Cinch™ tie down assembly makes tightening the ropes quick and easy, with no tools required. Each end of the Performer™ hay tarp has a 50 mm wide seatbelt webbing to secure the ends from wind damage.

Available in the following sizes

- ◆ 3 x 18 metres
- ◆ 4.5 x 18 metres
- ◆ 7.5 x 16.5 metres
- ◆ 9 x 14.5 metres
- ◆ 10.5 x 16.5 metres



The key to bale quality is in the wrap



The industry's competitive marketplace means that farmers must pay close attention to all cost inputs as well as to the bale-wrapping process itself. This has become especially important with the significant rises in animal feed costs driven by increasing global demand and also by pressure from biofuel crop production. In the light of these increases, baled silage offers a cost-effective alternative to providing winter fodder with good nutritional value.

Wrapping bales in silage stretchwrap creates an airtight seal to preserve the nutritional value of ensiled crop and reduce spoilage. The density of the bale, the quality of balewrap and the number of layers are key to producing good quality silage.

Balewrap

Balewrap should return to its original state on contact with the bale, allowing it to compress around the bale to give a tight and secure wrap. This is due to the film's plastic memory. The higher the tack level, the better the film layers will stick together, resulting in an airtight bale.

Three key requirements of balewrap are:

- ◆ Good mechanical properties
- ◆ A high level of tack (stickiness)
- ◆ UV protection



To ensure a smooth wrapping process, the use of a good quality balewrap (which has the properties required to withstand the demands placed upon it during wrapping, transport and storage) is vital. Using a poor quality balewrap will increase stoppages resulting from tears, inconsistent stretch or jamming of equipment. It will also undermine bale density and integrity. UV protection is also essential, even in cooler climates. It prevents the film from breaking down in sunlight and helps to prevent increased temperatures inside the bale that can lead to growth of yeast and moulds.

When should bales be wrapped?

Bales should be wrapped in dry conditions. Not only does dry weather ensure that the ensiled crop has the highest dry matter content possible, it helps the film retain its 'tacky' properties. The effluent released from wet silage can affect the seal between the layers of film.

How many layers?

Findings from a scientific experiment undertaken at IBERS in the United Kingdom clearly demonstrate the very real benefits available to UK and Irish farmers through the application of additional film layers of bale wrap on silage bales. In a region where farmers have traditionally applied only four layers of film to a bale, the experimental data showed that increasing the layers of bale wrap from four layers to six improved fermentation, reduced moulds, improved the oxygen barrier and reduced dry matter losses. IBERS reports that the differences observed are highly statistically significant. This was the first comprehensive experiment of its kind evaluating film layering at different dry matter contents to provide conclusive evidence that increasing film layers results in significant improvements.



TOP TIPS FOR BALING AND WRAPPING

- ◆ Aim to produce well-shaped bales. This will result in heavier but fewer bales per acre, reducing baling and wrapping costs.
- ◆ Chop the crop to allow for higher compression and better sugar availability to encourage a rapid fermentation - aim for 200-220kg of dry matter/m³.
- ◆ Use silage inoculants, applied to manufacturer recommendations.
- ◆ Wrap as soon as possible and definitely within two hours at the storage site, using high-quality film with 55 - 70% pre-stretching.
- ◆ Avoid wrapping bales in wet conditions.
- ◆ Clean the rollers regularly to avoid a build-up of tack.
- ◆ Use a minimum of six layers for increased protection from damage and for a better air seal.
- ◆ Consider green or white wrap to reduce heat of bale surface and minimise spoilage.
- ◆ Wrapping should be done in accordance with wrapper and plastic manufacturers' recommendations.
- ◆ Use a wrapper with a good bale-drop table to minimise damage to the film on tipping.
- ◆ Handle bales carefully and minimise handling to avoid damage to film wrap to prevent air spoilage silage.
- ◆ Carefully stack wet silage (<25 percent DM) and only one bale high: silage with >35 percent DM can be stacked three bales high.
- ◆ Net top of stack to prevent bird and rodent damage.

BALE WRAP AND SILAGE COVER RECYCLING

Plasback operates a Product Stewardship scheme to recover used plastics for recycling.



Plasback came to New Zealand in 2006, and was the first product stewardship scheme for agriculture to receive accreditation from the Ministry for the Environment in 2010. In 2020, the Ministry announced that all farm plastics sold in this country would soon have to be covered by an accredited product stewardship scheme, making farmers responsible for recycling leftover plastic products and packaging.

Webbline Agriculture joined the Plasback scheme in 2022 to support the government's goal of product stewardship for farm plastics.

Plasback now operates nine purpose-built balers designed to improve the onward transport logistics from our main centres to the recycling plants, and have introduced new products made from recycled plastics; Tuffboard, Tuffdeck, and Plaswood.

For collection or for further enquiries, please call 0508 338 240.