

Stack cover **SUPERNOVA**



**SUPER
NOVA™**

keep
your work safe

Full guide

Breathable fleece Supernova Cover

Protects the value of your work

Most farmers know that one of the greatest concerns in outdoor storage is to secure bales from rain and snow, as well as from UV rays in order to prevent losses. Thanks to Supernova Cover, farmers have finally found an ally in protecting their harvest from damages due to weather conditions.

01

BREATHABLE

It avoids condensation and stagnation and favours the natural evaporation of moisture from the soil.

02

PROTECTIVE

It facilitates the flow of water and snow. It is UV-resistant and provides effective shielding for stored bales.

03

SUSTAINABLE

Tear-proof and windproof, it is reusable for several seasons. What's more, it is recyclable, promoting a reduced environmental impact.

Supernova Cover features & benefits



Breathable
Supernova Cover prevents moisture from the ground from condensing on the underside of the cover, avoiding damaging moulds on forage.



Tear-resistant
Supernova Cover is extremely robust, wind-proof and durable.



Hydrophobic
Supernova Cover makes the greatest part of water and snow slide on the surface.



UV rays protection
Supernova Cover is a strong barrier against UV rays. It prevents damages and losses. The UV treatment also protects the cover for years.



Reusable
Thanks to its robust structure and UV treatment, Supernova Cover is durable and reusable multiple times.

BREATHABLE FLEECE

Supernova Cover

Supernova Cover is:

- highly breathable, no more moulds and damaged bales
- a perfect UV rays barrier
- a secure protection from rain and snow avoiding that the majority of water reaches the bale surface
- tear-resistant and windproof
- sustainable since recyclable, durable and reusable



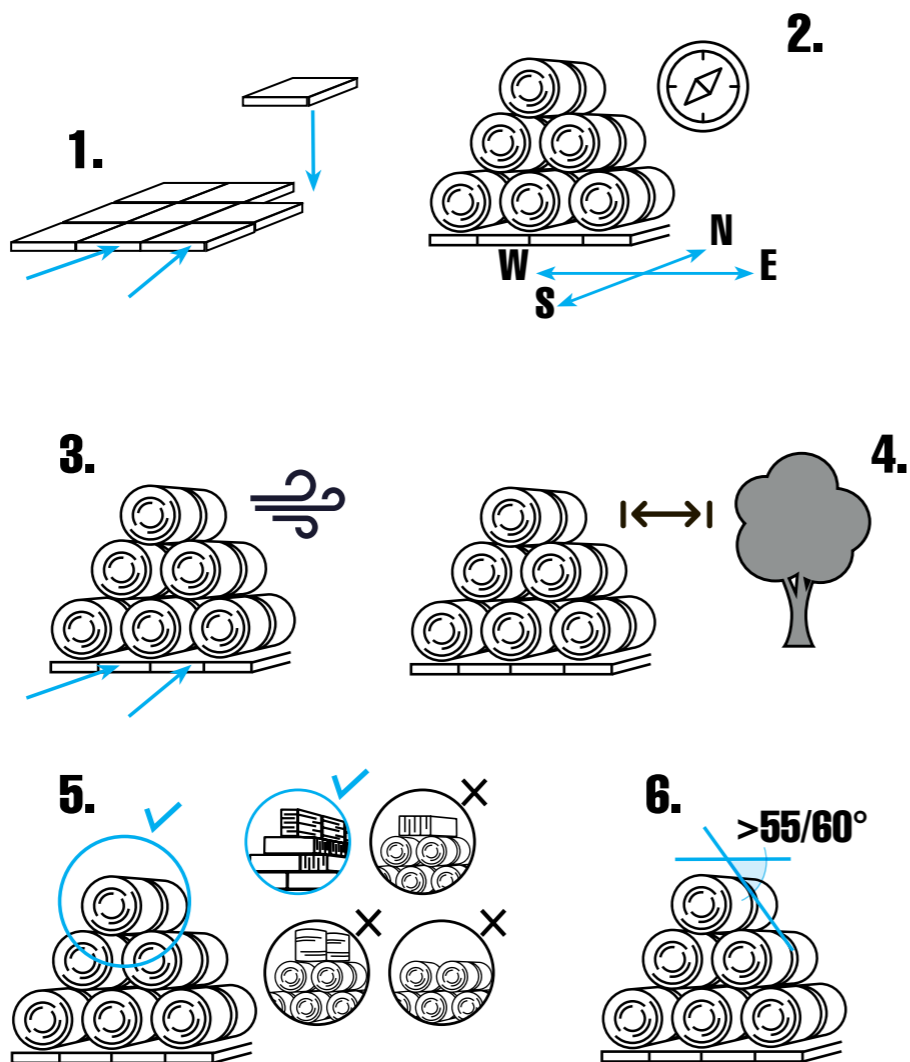
Supernova Cover is offered in all sizes in **140g/m²** and **PLUS 160g/m²** for even more effective protection!

Based on the number of bales to be covered, you will find the most suitable size for the dimensions of your bale stack.

Width (m)	Length (m)	Rolls per Pallet	No. of small round bales (up to ø140x125 cm)	No. of big round bales (up to ø180x125 cm)	No. of square bales (70x120x220 cm)	No. of square bales (90x120x220 cm)
9,80	12,50	12	up to 100		up to 75	up to 50
9,80	25,00	8	up to 200		up to 153	up to 102
10,40	12,50	18		up to 60	up to 100	up to 70
10,40	25,00	8		up to 120	up to 204	up to 142
12,00	25,00	8	up to 300		up to 213	up to 204
13,00	25,00	8		up to 200	up to 273	up to 204
15,60	12,50	8		up to 150	up to 214	up to 135
15,60	25,00	8		up to 300	up to 393	up to 273
15,80	10,40	10		up to 160	up to 143	up to 108

Quick Guide

1. Using pallets, create a platform that raises the stack off the ground. This prevents the rising of moisture and facilitates proper air circulation.
2. Place the stack in a North-South direction so as to favour the widest and most uniform sunshine.
3. Favour the ventilation of the stack. In the case of dominant winds, the stack of bales should be oriented along the wind direction.
4. Place the stack outside the cone of shade of trees and buildings.
5. The last row of bales must be placed in such a way as to avoid the formation of flat surfaces (put square bales vertically and never put round bales with the flat face up).
6. Ensure that the cover slope is at least 55/60° to allow rain and snow to run off.



Remember!

Supernova Cover is hydrophobic and breathable, but not waterproof.

The impermeability of a cover forms condensation, which is the primary cause of mould! Supernova Cover makes it easy for water and snow to run off: most of it slips away. A minimal residue, on the other hand, penetrates and reaches the bales, especially those placed externally, but, thanks to the extreme breathability of the fleece, humidity evaporates at the first sun, allowing the forage to dry quickly.



INSTALLATION METHOD



Watch here the full installation video!

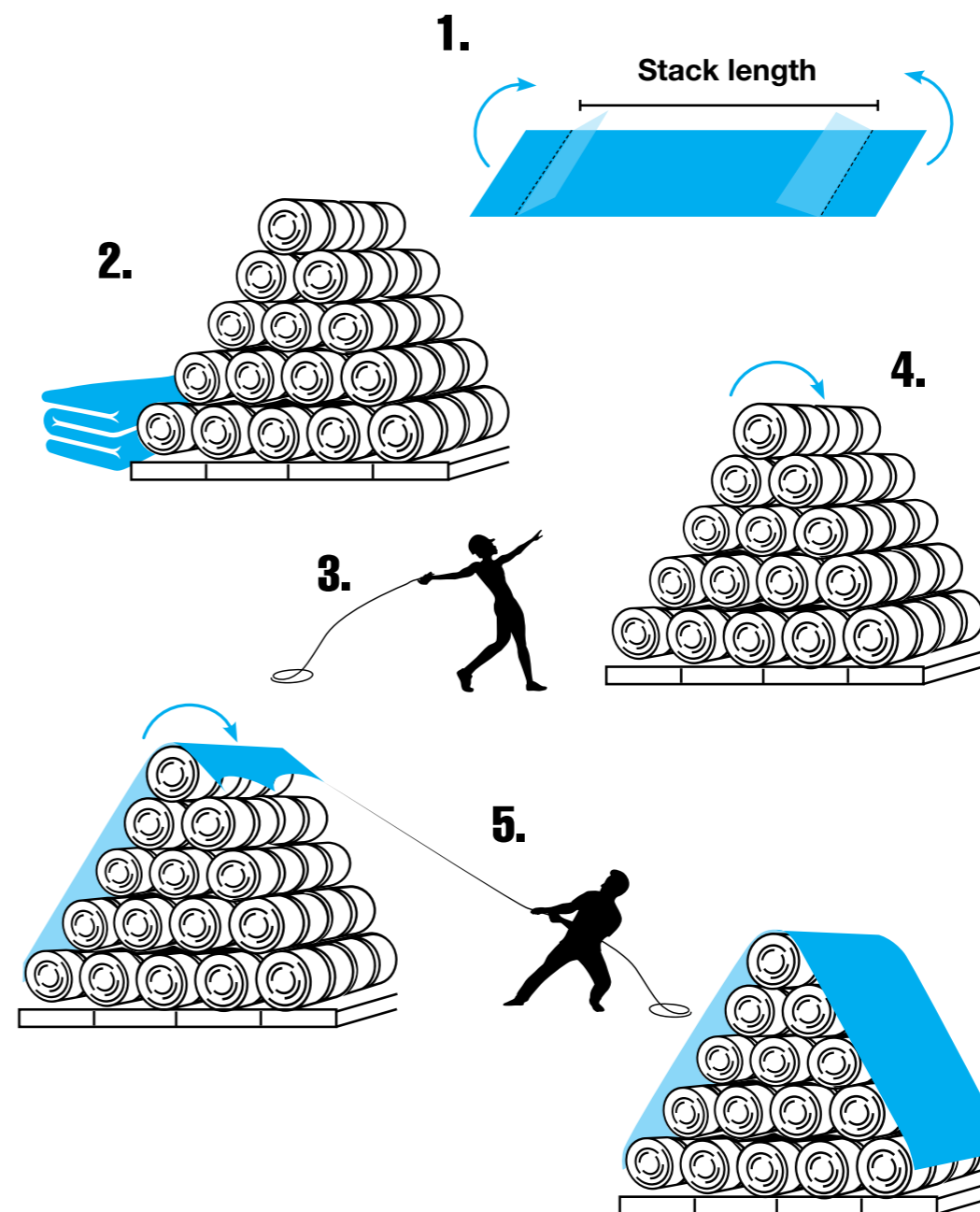


www.novatexitalia.it

INSTALLATION METHODE

Working safely

1. Lay the cover on the ground, checking the fabric side, preferably keeping the seam outside.
2. Fold the parts exceeding the length of the stack. Fold the cover to create an S-shape at the stack base.
3. Using HD baler twine of a good cross-section, make tie-rods of about 25 metres each. You will need 6 tie-rods (pulled by 3 persons) for 12.5 m covers and 12 tie-rods (6 persons) for 25 m covers.
4. Fasten the tie-rods to the cover fleece using clamps. Tie a weight to the free end of the tie-rods. Caution! Put on your safety equipment, check that there is no one on the other side of the stack and launch the tie-rods.
5. Check the tie-rods are not blocked among the bales of the last row and pull while moving away from the stack.



Installation accessories



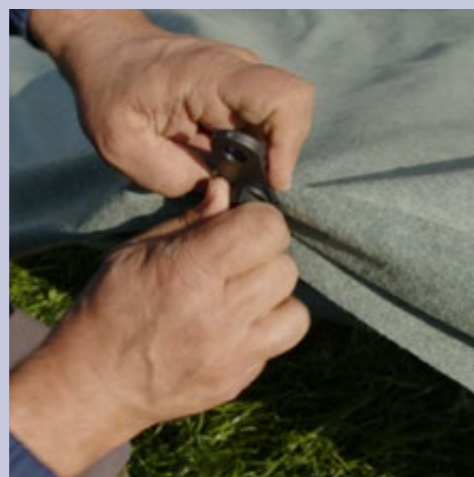
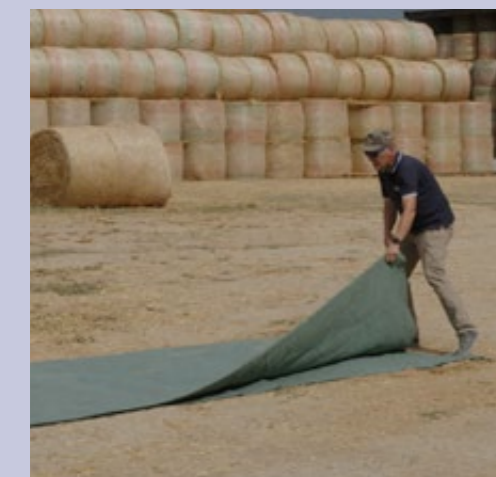
Big Baler Twine
HD baler twine of good cross-section.



Clamps
Easy to find, they are used to block tie-rods to canvas. You need 1 per tie rod.

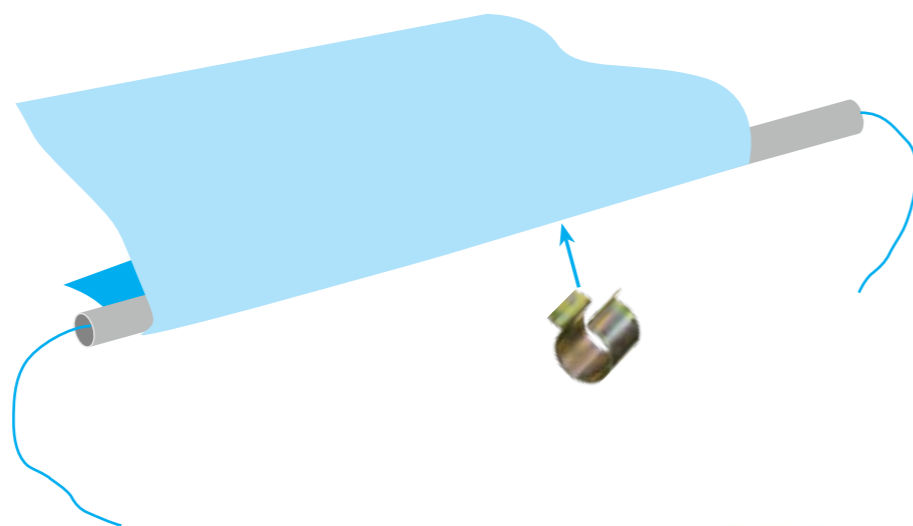


Counterweight
It is used to throw tie-rods over the stack. Any object weighting at least 200 g can be used.



With pipes and clips

In order to tension Supernova Cover and anchor it solidly, we suggest using 1-inch pipes around which the lower edge of the cover is bent and secured with metal clips. To secure the cover even more firmly, the pipes can be anchored to the pallets with iron wire.



Iron Pipes

1-inch metal irrigation pipes. They are 3 metres long: 8 pipes are needed for 12.5 m covers and 16 for 25 m covers.



Metallic clips

Once the lower edge of the cover has been bent around the pipe, the clips are attached: around one every 50 cm.

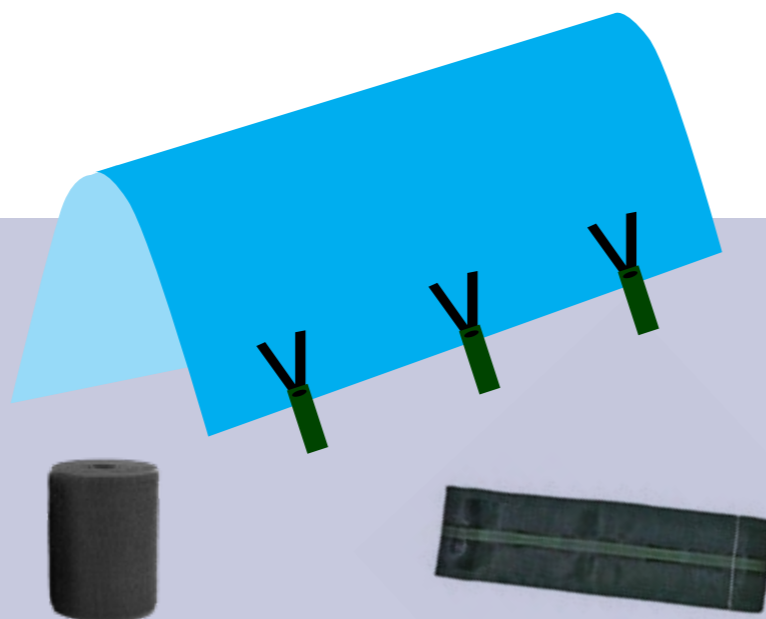


Iron wire

Insert wire into the pipes and anchor them to the pallets.

With Velcro strips and ballast bags

A second equally valid system consists of attaching ballast bags to the cover using Velcro straps.



Velcro Strip

The Velcro tape is very useful for attaching a ballast to the fleece, but also when you need to couple several Supernova Cover breathable covers to protect longer stacks of bales.



Ballast Bag

Polypropylene bags to be filled with sand or gravel.

With agricultural twine tied to the pallet

A further method involves the use of big baler twine with which it is possible to tie the cover directly to the pallets.



Big Baler Twine

HD baler twine of good cross-section.

Cover anchoring on the short side



Arrowhead plastic nail

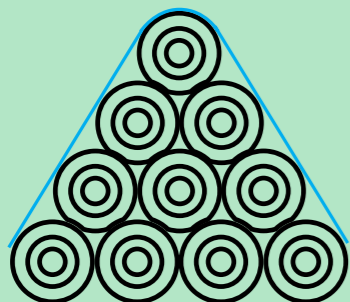
The plastic anchors normally used to secure mulching fleece to the ground can be used to fasten the cover on the short side.

Attention! Do not close completely the short side of the stack, to facilitate the circulation of air and the bales drying.



ROUND BALES

up to ø 140x125 cm

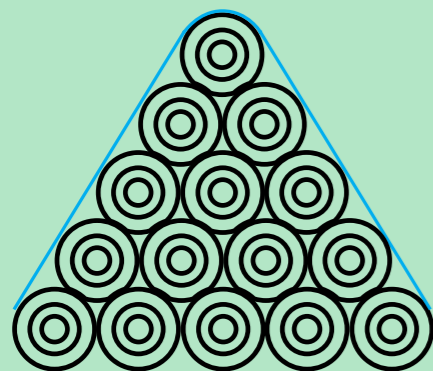


9,80 x 12,50

Cover bales: up to 100

9,80 x 25,00

Cover bales: up to 200



12,00 x 25,00

Cover bales: up to 300

15,60 x 12,50

Cover bales: up to 150

15,60 x 25,00

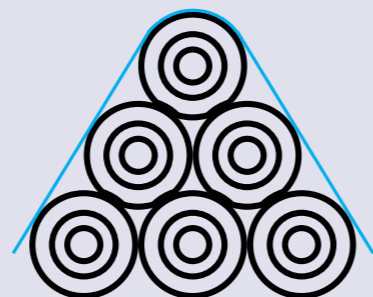
Cover bales: up to 300

15,80 x 10,40

Cover bales: up to 160

ROUND BALES

up to ø 180x125 cm

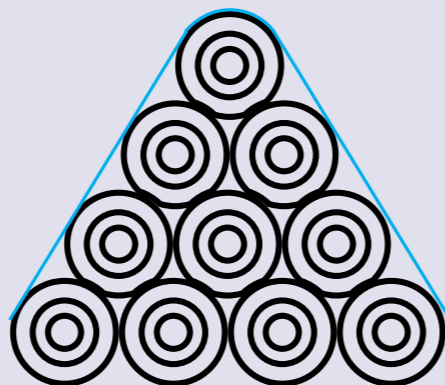


10,40 x 12,50

Cover bales: up to 60

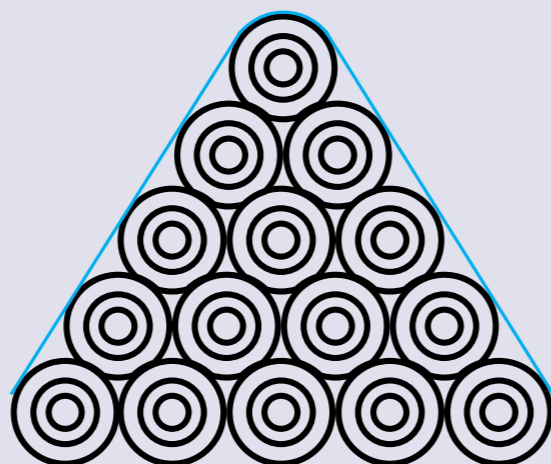
10,40 x 25,00

Cover bales: up to 120



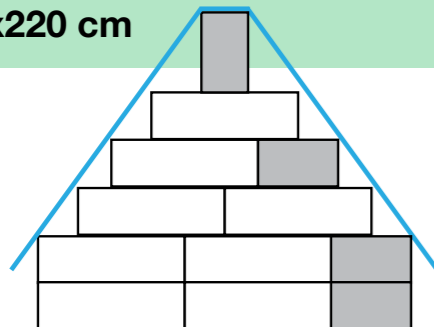
13,00 x 25,00

Cover bales: up to 200



Square bales

70x120x220 cm

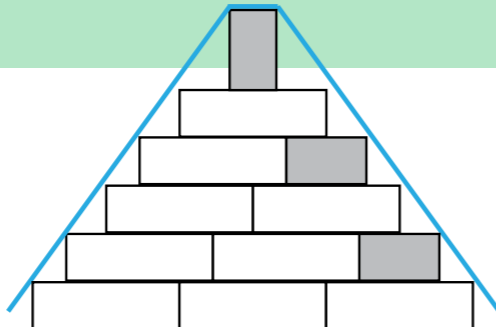


9,80 x 12,50

Cover bales: up to 75

9,80 x 25,00

Cover bales: up to 153

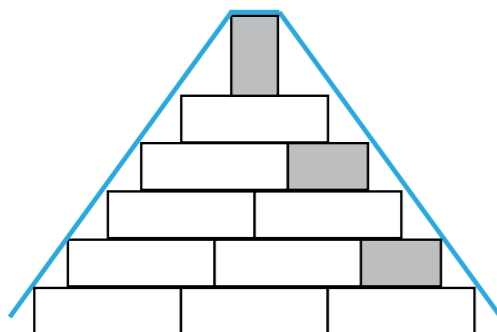


10,40 x 12,50

Cover bales: up to 100

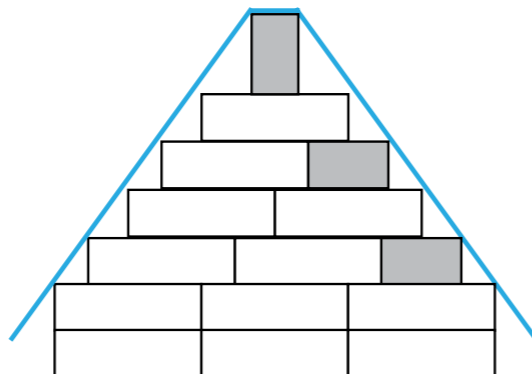
10,40 x 25,00

Cover bales: up to 204



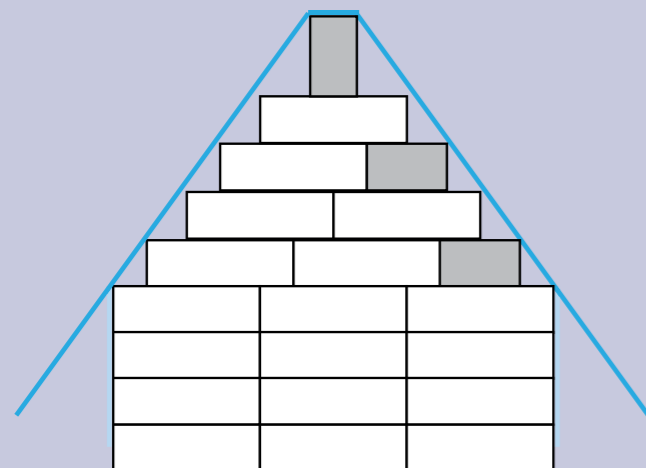
12,00 x 25,00

Cover bales: up to 213



13,00 x 25,00

Cover bales: up to 273

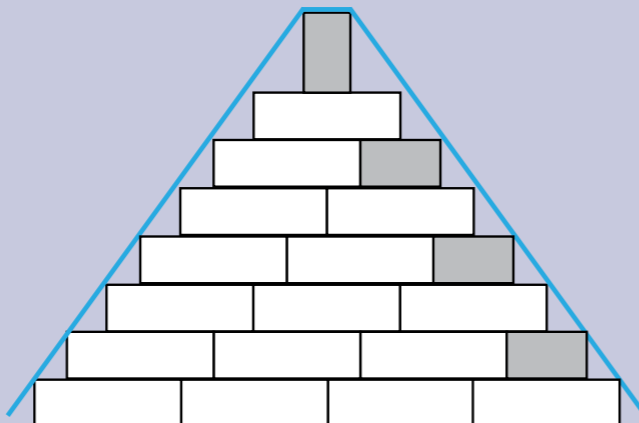


15,60 x 12,50

Cover bales: up to 214

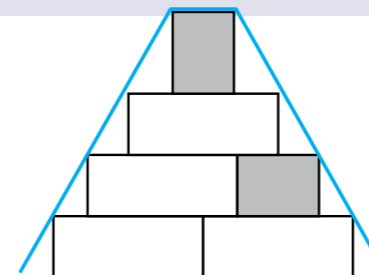
15,60 x 25,00

Cover bales: up to 393



15,80 x 10,40

Cover bales: up to 143

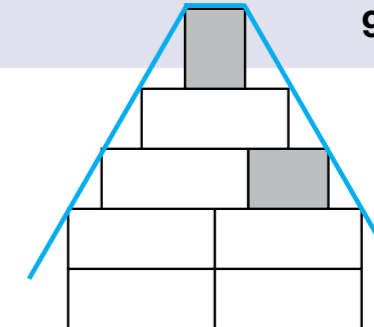


9,80 x 12,50

Cover bales: up to 50

9,80 x 25,00

Cover bales: up to 102

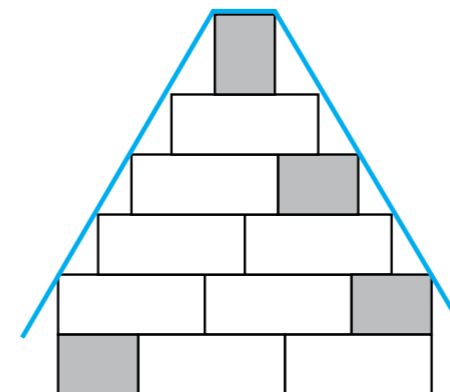


10,40 x 12,50

Cover bales: up to 70

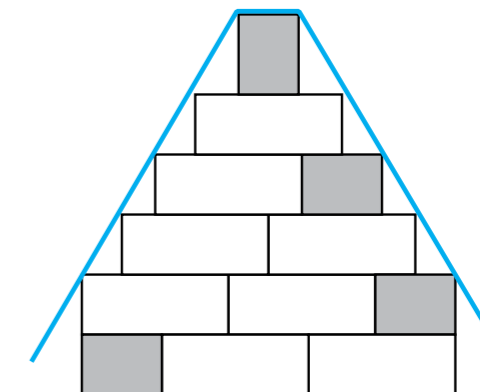
10,40 x 25,00

Cover bales: up to 142



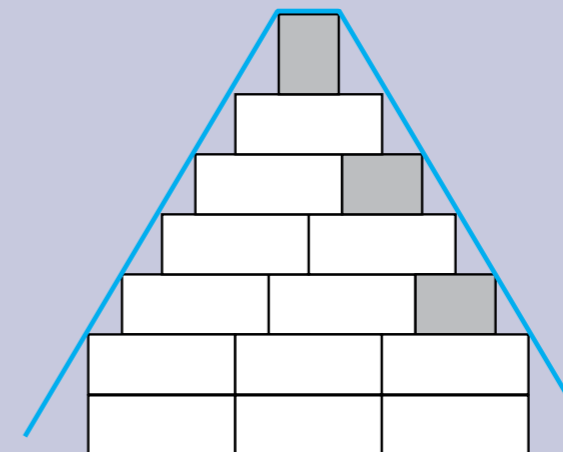
12,00 x 25,00

Cover bales: up to 204



13,00 x 25,00

Cover bales: up to 204



15,60 x 12,50

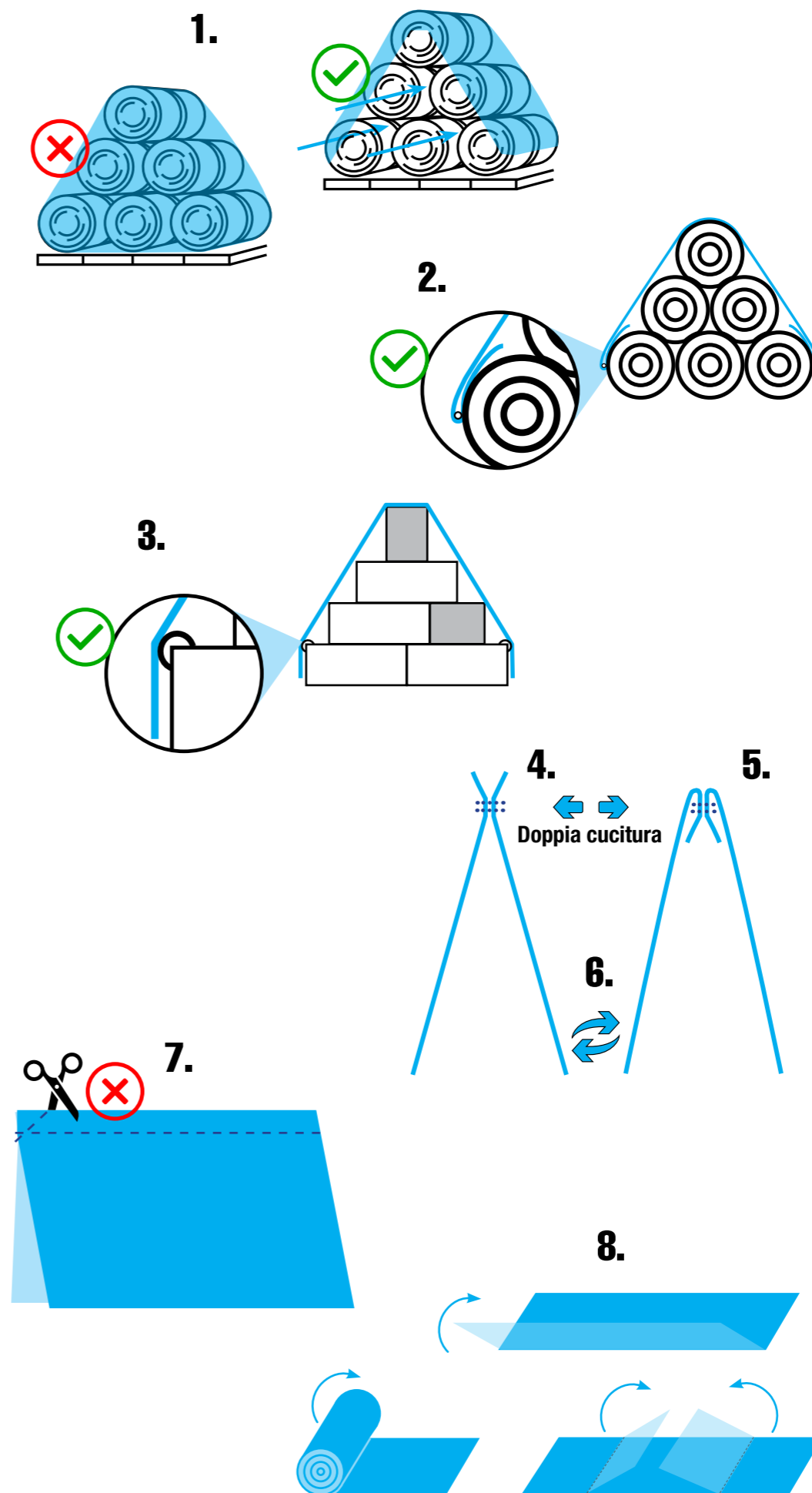
Cover bales: up to 135

15,60 x 25,00

Cover bales: up to 273

15,80 x 10,40

Cover bales: up to 108



1. **Do not seal completely the head of the stack.**
Never close the stack head completely. Forage preservation depends on proper ventilation of the bales, which is ensured by the air flow along the longitudinal axis.
2. **How to manage a larger cover.** If you find yourself covering with a fleece that is too large for your stack, fold the sides of the fleece so that the stack is not completely sealed and let the air circulate.
3. **Protect the square bales.** To facilitate water runoff in the area corresponding to the first row of bales, it is advisable to insert a spacer between the fleece and the edge of the bales. A good solution is achieved by using a PVC pipe from which a section of about 60° is removed.
4. **Supernova Cover viewed in section.** The two parts that make up the Supernova Cover are double-stitched.
5. **Supernova Cover is double-sided** and there are no particular indications as to which side should be left out and which side in contact with the bales.
6. **Changing the side of the cover every year** may help to extend its life.
7. **Never cut the cover seam** to avoid the two sides coming apart.
8. **Recovery after use.** Spread the fleece on the ground, fold it up to a height of 120/140 cm and then roll it up or fold it over itself in order to reduce bulk and facilitate transport and storage. Store it under shelter and out of direct sunlight if possible.

Supernova Cover



Novatex Italia SpA
Via per Dolzago 37, 23848 Oggiono (LC) - Italy
Tel +39 0341 267611 - Fax +39 0341 260408
www.novatexitalia.it