



White Paper :
4 SIMPLE TIPS, TO PROTECT THE PLASTICS, IN
YOUR FARM, FROM THE SUNLIGHT.



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Dear colleagues,

the summer is very close. You should know that, the plastics are very vulnerable to the direct sunlight.

The heat has also very bad effect on plastics.

When plastics are exposed in the direct sunlight, they decomposed and they lost their initial properties, as mechanical properties or appearance.

The result of the sunlight attack to the plastics is , to see them bending or easily cracking or even melting.

So the direct sunlight is also a danger for the plastics in your farms.

The main forms of the problem , from the impact of the sunlight to the plastics are:

1. The color of the **plastic fades out**. You can see this problem in the plastic parts of your machinery or your plastic consuming elements.
2. The **plastics bend or camber**. You can see this problem in your consumables as windbreaks, water cups and plastic clips.
3. The **plastic cracks** in a very small pressure. Because of the decomposition of the plastic , the same part has very different (smaller) properties. That's why the plastic breaks down easily. You can see that in the plastic hoses or the plastic nipples.

All of the above, are some of the problems, which we are familiar with, every summer.

This phenomenon is more intense in all the regions with long summer period.

I would like to give you some simple tips, to protect your plastics and your machinery from the sunlight.

1. The most basic element is, that you must purchase all of the plastic parts or consumables that you need, with a **U.V. protection certificate**, from the seller.
The U.V. protection (ultra violet protection) is an additive that the producer put inside the main material and give an extra protection against the sunlight, to the plastic part.

2. If you have plastics in your farm and it is easy to transport them, it is a good move, to place them **under a shadowed area**.
3. If you have plastics in an external area, but you cannot move them to a shadow, it is recommended to **cover them with a special plastic roll**. Purchase a black plastic roll, with U.V. protection and cover all your plastic objects.
4. For the plastics that you cannot move or cover , there are a lot of special **sun protection sprays**. You can spray the plastic object that you care for and you shield it against the sunlight. We can suggest you a sun protection spray, which you can easily purchase from **amazon.com**.

<https://www.amazon.com/TriNova-UV-Protectant-Spray-Fiberglass/dp/B01AB16LH8>

Of course there are many similar products, for the same use.

We hope that you will find useful all of these simple tips and you will manage to protect, all the valuable plastic objects of your farm.

For more information or question, do not hesitate contact us:

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