

GREENLINE SYNERGY

PRE-VEGETATED BLANKET INFORMATION SHEET



What is pre-vegetated blanket?

Our patented pre-vegetated blankets contain all the components of a traditional erosion control blanket with the benefit of live vegetative cover.

Each pre-vegetated blanket grown in our facility follows a specific patented process using current erosion control products available on the market in a non-traditional way to provide instant results. We grow everything from pure seed crops, Department of Transportation (DOT) seed mix and native seed mixes. The entire process takes place within a controlled environment, mimicking natural growing conditions without the added competition of weeds.

Blanket comes ready for transport in a custom grow tray designed to protect young plants from damage that occurs during standard cut-and-roll crop transportation methods. In doing so, we can protect the living components of each blanket and achieve the highest success rates with every project. Our pre-vegetated blankets are 100% photo- and biodegradable.

What types of projects can pre-vegetated blanket be used for?

Our blankets work in a variety of projects such as ditches, drainage channels, roadsides, stormwater management areas, green roof installations, steep slopes, shorelines, streambanks, wetland restorations, woodland preservation, prairies, bioretention facilities, rain gardens, and many more. No matter the size or complexity of the project, GreenLine provides the solution with customized blends, low maintenance costs and effective erosion control.

All blankets used in our product are coir fiber Erosion Control Mat Class II Type B.

Each mat is made of a double layer of blanket to provide enough thickness to hold our grow media. It also allows for a sturdy matrix in which roots can penetrate to take hold and grow.

What geographic areas do you serve?

We mainly serve the Midwest area including Illinois, Iowa, Minnesota and Wisconsin although pre-vegetated blanket can be grown for special projects in all lower 48 states.

What puts GreenLine's pre-vegetated blanket a step above other blankets on the market?

- Transport trays
- Never rolled or crushed
- Hydroponically grown with limited nutrient inputs
- Light weight
- Wide variety of seed mixes

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What are the seeding rates for pre-vegetated blanket?

Native seeds come with a variety of recommended seeding rates. We have found that a rate of 1#/1000 SqFt works well in our product.

Keep in mind:

- Germination rates vary
- Narrow foliage vs. broadleaf foliage
 - Plants with narrow, grass like foliage will not appear as full as a blanket containing broadleaf forbs

What are the benefits of using pre-vegetated blanket vs. seed?

Pre-vegetated blanket provides shoot and root coverage unlike seed. (Please refer to the Supplemental Sheet for additional information). The blanket is grown in our controlled greenhouse environment to ensure pure crop. Unlike sod, there is no undercutting, so no stress which allows for quicker establishment. Most importantly there is limited chance for seed to be washed out in heavy rains.

How long does it take for pre-vegetated blanket to grow?

Blankets are custom grown to specification and typically require 4-6 weeks of lead time to be ready for transportation and installation. The specified seed mix and weather conditions will determine actual lead time.

Do you have a minimum order requirement?

One full tray is an average of 29.35 SqFt. We would require at least one full tray for an order.

What is the maximum SqFt for an order?

Although we don't have a maximum limit per order, the maximum we can grow at any given time is 16,880 SqFt. For projects requiring more than 16,880 SqFt, we recommend growing the order in phases based on priority.

What are the seeding options? Is there a seed matrix available?

While there are no preset seed mixes to be used, we encourage you to look at site conditions, evaluate goals for the project, and review mixes from native plant suppliers.

Can I stop in and pick up pre-vegetated blanket at any time?

No. All pre-vegetated blanket is custom grown to order.

How is pre-vegetated blanket transported?

Blanket is grown in specialized trays to prevent damage during transportation. We recommend transporting crop by using either a side loading enclosed trailer, tarped trailer, or tarped truck.

How long does it take to install product?

Installation time will depend on several factors; size of the project, weather conditions, and site conditions (i.e. slope, mud).

Do you provide an installation guide?

Yes. With every order we provide an installation guide when product is ordered.

How is product maintained after installation?

One of the most important aspects of maintenance is proper watering. There are many variables (sun, slope, soil composition, temperature, humidity, etc.). The best way to determine adequate watering is by looking at soil moisture, quantity and depth.

Long-term maintenance recommendations include:

- Prescribed burn year 2 or 3
- Mowing native vegetation to select for grass species

What is the growing season?

Like perennials, our growing season is typically May – September. We release our last crop by the end of September/ beginning of October to ensure that the blanket has enough time to root and establish itself before cold weather sets in.



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How does the refundable tray deposit work?

The returnable tray deposit is based on quantity of trays required for crop and given all trays are returned in good condition.

All blanket must be picked up from our facility in Twin Lakes, WI and includes 24-hour tray usage fee. Contractors must supply the returnable tray deposit and payment in full at the time of pick up. All trays must be maintained in good usable condition and returned within 3 days from the date of pick up to qualify for 100% returnable deposit. Tray return is the responsibility of the contractor.

Do you offer delivery?

No. All product must be picked up from our facility in Twin Lakes, WI.

What is the shelf-life of the blanket?

Ideally all blankets will be installed the day of delivery. Large orders may be scheduled for pick up in phases. Just like sod, this is a perishable product and does have a shelf life. We recommend you pick up what you can install per day. Arrangements can be made for multiple pick-ups.

Contact Information

GreenLine Synergy

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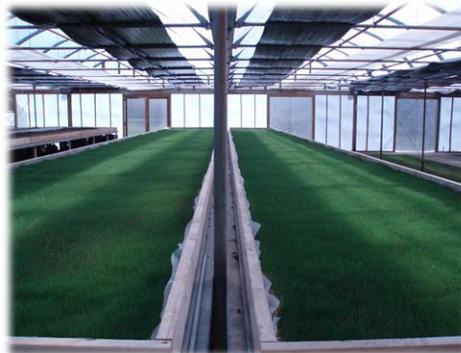
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OUR GREEN COMMITMENT

GreenLine Synergy practices environmentally friendly methods for growing.

Our growing facilities use only 100% natural sunlight to grow our product. No artificial lighting is used at all. Our facility has a stormwater collection system which is used to irrigate our crops. We use only organic microorganism fertilization methods, no harmful chemical treatments of any kind.



The Pre-Vegetated Blanket Process



Figure 1: Pre-vegetated blanket seeded and in our greenhouse.



Figure 2: Pre-vegetated blanket days after germination.



Figure 3: Vegetation is filling in.



Figure 4: Pre-vegetated blanket near transport date.



Figure 5: Loading pre-vegetated blanket for transport in large truck.



Figure 6: Loading pre-vegetated blanket into small trailer.