WeedGuard Plus®

Patent pending

100% biodegradable paper weed block

The natural alternative to black plastic

Commercial agriculture – organic or conventional

Landscaping projects and home gardens

www.WeedGuardPlus.com

800-654-5432

Prevent weeds and boost production ... the natural alternative to black plastic.

100% biodegradable

Don't you love it when you find a product that gives you better results with less effort, and that helps the environment, too?

That's the case with WeedGuardPlus®, the biodegradable paper weed block used by commercial growers, landscapers, and home gardeners alike.

No matter what you grow, WeedGuardPlus can improve your yields with less work, and without the use of chemical sprays or plastic weed block that doesn't break down. WeedGuardPlus slowly decomposes over the course of a growing season, adding beneficial organic material into the soil.

OMRI-Listed WeedGuardPlus is available in a choice of weights, with or without pre-punched planting holes or enriched with nutrients. Regardless of which product you choose, we guarantee you and your plants will love it!

Mike Gallagher

Vice President, Sales and Marketing

Order WeedGuardPlus:
www.WeedGuardPlus.com
800-654-5432

Monday-Friday, 9:30 a.m.–6:30 p.m. Eastern

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Made in the U.S.A. from renewable resources

OMRI LISTED For Organic Use

USDA CERTIFIED BIOBASED PRODUCT PRODUCT 100%

Why choose WeedGuardPlus®

Use WeedGuardPlus® biodegradable paper weed block, and you'll save time and money while helping the environment. Whether you're a conventional or organic commercial grower, a landscaper, or a home gardener, there's a WeedGuardPlus product for you.

Adaptable to any size growing environment, it offers many advantages over conventional plastic mulches:

- Superior weed suppression
- 100% biodegradable, environmentally-friendly
- Gives plants an earlier and healthier start
- Eliminates the need for herbicides
- Durable enough to withstand heavy rain
- Porous, allowing water, air and nutrients through
- Adds organic matter to the soil as it decomposes

Production Agriculture

No matter what you grow, or what size your farm, WeedGuardPlus can save you time and money while blocking weeds effectively. It's the natural alternative to black plastic for both organic and conventional growers.

Landscaping & Habitat Restoration

WeedGuardPlus gives landscape plants the best possible start. It smothers weeds while allowing water and nutrients through so plants thrive. What's more, it eliminates tedious weeding, while helping the environment.

Hoop Houses & High Tunnels

Hoop houses and high tunnels provide ideal conditions – not just for plants, but for weeds, too. WeedGuardPlus eliminates weeds without time-consuming hand weeding or herbicide use. And it works with overhead irrigation!

Home Gardening & Urban Farming

Would you like to weed less and grow more? Do you prefer to grow organically, without pesticides and plastics? Biodegradable WeedGuardPlus is the answer! Try it, and get more from your garden with less work on your part.

Production Agriculture:

Improve your yields

Crops planted with WeedGuardPlus get off to a healthy start without competition from weeds. Early in the season, the material warms the soil, helping plants establish faster.

University studies show that eco-friendly WeedGuardPlus suppresses weeds as effectively as black plastic, while increasing transplant survival rates.

What's more, it eliminates the costs of removing and disposing of plastic. Till it under at season's end, and you add 400 pounds of carbon per acre back into the soil.

"The paper seems to reduce slug damage a bit as well."

– GUY, RUNNER BEAN RANCH, WA

After the plants grow, WeedGuardPlus will decompose naturally

Organic and Conventional

The natural choice for organic and conventional growers

Apply by machine or manually

Speeds new plant establishment

Organic growers love WeedGuardPlus

WeedGuardPlus effectively suppresses annual and perennial weeds, conserves soil moisture, and can be applied manually or by machine. It's the renewable alternative to conventional black plastic mulches. You benefit from the same performance, without the costs and hassles of removal and disposal.

- **100% BIODEGRADABLE.** Our paper weed block saves time and money by eliminating the need for costly removal and disposal of plastic mulch. WeedGuardPlus slowly degrades as crops mature. After harvest, simply till it under.
- **ALL NATURAL, ORGANIC.** With WeedGuardPlus, you can be assured that you're helping, not harming, the environment. All our standard, heavyweight and pre-punched products are OMRI listed for organic use.
- **HELPS PLANTS ESTABLISH.** University studies show that WeedGuardPlus helps plants establish faster by warming the soil early in the season and eliminating weed competition.
- **POROUS TO WATER AND AIR.** The porous nature of WeedGuardPlus means crops can be irrigated by natural rainfall or overhead or drip irrigation. In addition, it allows air to circulate, so roots aren't "cooked," as they are with black plastic.
- **MANUAL OR MACHINE APPLICATION.** Whether you prefer manual or machine application, there's a WeedGuardPlus product for you. Our creped rolls, with their superior flexibility, are ideal for laying down by machine.
- **FOR ALL TYPES OF GROWERS.** No matter what you grow or what size your operation, we can help. Choose from a wide variety of widths, lengths and weights to suit your needs.

Hoop Houses & High Tunnels

Ideal for all methods of irrigation

WeedGuardPlus works with any irrigation method, is easy to roll out and "breathes," thereby avoiding plant heat stress during extreme temperatures.

- **OVERHEAD OR DRIP IRRIGATION.** WeedGuardPlus is permeable to water and air (unlike black plastic mulch), making the product highly suitable for use with all types of irrigation.
- **AVOIDS HEAT STRESS.** Unlike plastic, WeedGuardPlus "breathes," preventing heat stress that can occur when growing under cover in extreme temperatures.
- **BIODEGRADABLE AND EFFICIENT.** You do not need to remove or dispose of WeedGuardPlus at the end of the season. The product is 100% biodegradable and can be incorporated into the soil at the end of your growing cycle. No clean-up and disposal steps means a big savings in time and labor.

Optimal growing conditions can get your produce to market sooner

"I used WeedGuard in my tunnels with tomatoes, strawberries, onions and some flowers. I had not used any mulch in the past. No problem with anything, onions did really well. Great color, kept them clean. The strawberries looked fabulous, also really clean. Got to market 2 months sooner than other growers. Will use on everything this season."

J. SCUFFHAM, SCUFFHAM'S VEGETABLES, ALGONA, IOWA

WeedGuardPlus is permeable to water and air and suitable for all methods of irrigation

No clean-up and 100% biodegradable

OMRI certified for organic production

"I used the lightweight creped in my tunnels and loved it. I had a much better and much cleaner crop."

J. Brown, Watersmeet Farm, BC

Landscaping & Habitat

Perfect for commercial, municipal, residential spaces and botanic gardens

By choosing WeedGuardPlus for landscaping and habitat restoration, you reduce or eliminate toxic herbicides in public places and improve the survival rate of plantings.

APPLICATIONS

- Landscaping
- Botanic gardens
- Edible landscapes
- Habitat restoration
- Reforestation

Commercial and Residential Landscapes

Once you lay down WeedGuardPlus, you're done with weeds. No more hand weeding or spraying. You can even apply it right over existing weeds or invasive plant roots and smother them with a single stroke.

Made from durable paper, WeedGuardPlus is easy to trim to fit contoured areas. Plants establish weed-free until mature enough to crowd out weeds on their own.

Above: WeedGuardPlus keeps grounds weed-free at this Napa, CA winery

Left: Natural Earth Landscapes Co., Claremont, CA, uses WeedGuardPlus to build drought-tolerant xeriscapes

Transformations *6 weeks to a weed-free lawn*

Lay WeedGuardPlus over trimmed or untrimmed weeds.

Cover with an inch or so of good topsoil, broadcast drough-tolerant grass mix on top.

Enjoy a beautiful weed-free lawn, without the use of toxic chemicals.

Restoration

Botanic Gardens

Create spectacular botanic displays in parks and public gardens without the use of toxic pesticides or costly hand weeding. WeedGuardPlus allows plants to establish weed-free until they crowd out weeds on their own.

Edible Landscapes

Edible landscaping – a cross between landscaping and farming – has been gaining favor with homeowners in recent years. Eric Belsey of South Metro Growers installs such landscapes in the metro Denver area, and appreciates the way WeedGuardPlus keeps weeds at bay. His "string and stake" system shown above holds the weed block in place.

Habitat Restorations

Responsible land management includes avoiding the use of toxic pesticides that can contaminate the water supply. Controlling invasive species and replacing them with native plants is equally important.

Shown here is a nature zone bordering a suburban Chicago bike path. The Park District used WeedGuardPlus to control invasives and reinvigorate the area with a butterfly habitat using native species.

Reforestation

The U.S. Forest Service and state park agencies use WeedGuardPlus around new tree plantings to help establishment. The eco-friendly product smothers weeds, preventing them from stealing vital nutrients from young seedlings.

In one such project, Cuyamaca Rancho State Park in California is revitalizing the forest after a 2003 wildfire wiped out virtually all the conifers on 24,000 acres. Seedlings planted with WeedGuardPlus achieved a 95.9% survival rate.

"The project is progressing along nicely, and your WeedGuardPlus mats have been a big reason for our success."

– MIKE P., ENVIRONMENTAL SCIENTIST, CUYAMACA RANCHO STATE PARK, CA

Home Gardening & Urban Farming

Get more time to enjoy your garden

Want to weed less and grow more? Do you prefer to grow organically without pesticides and plastics?

If so, then WeedGuardPlus is for you! This biodegradable paper weed block offers many advantages:

- **SAVES TIME.** With WeedGuardPlus, you spare yourself endless hours of weeding. Just lay it down before you plant, and you're done with weeds for the whole season.
- **HELPS ALL YOUR PLANTS THRIVE.** Free from competition from weeds, plants establish stronger and faster. What's more, the weed block warms the soil early in the season, promoting vigorous growth.
- **ENVIRONMENTALLY FRIENDLY.** An organic OMRI Listed product, WeedGuardPlus is 100% biodegradable. It slowly decomposes over the growing season, adding beneficial organic material back into the soil.
- **SIZED TO FIT YOUR NEEDS.** This high-performance paper mulch is available in small rolls of varying widths or in individual sheets that slip around small trees or berry plants.

Perfect for home vegetable and flower gardens

For quick and easy weed control around your vegetables and flowers, use WeedGuardPlus. Now you can save hours on weeding and enjoy gardening more with this all-natural, organically certified, 100% biodegradable paper weed block. Easy to use, cut to fit your space and eco-friendly.

Application is Simple and Easy

STEP 1
Make holes for plants or seeds.

STEP 2
Put transplants or seeds into holes.

STEP 3
Place soil back around plants.

Get great results when you use WeedGuardPlus with your berries

Berries planted without WeedGuardPlus struggle to compete with weeds

With WeedGuardPlus, strong healthy plants establish weed-free

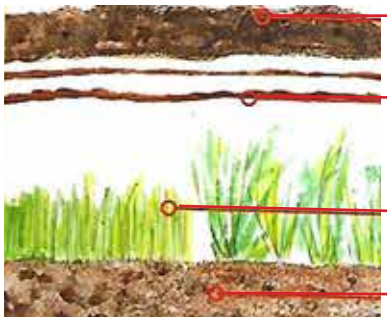
Vigorous plants produce healthy, bountiful fruit

Landscape plantings – easy and beautiful

To get landscape plants off to the best possible start, place WeedGuardPlus sheets over the surrounding soil. Cover with decorative mulch, then sit back and watch plants thrive.

The easy way to improve soil fertility

Soil too compacted to plant? Let Humic Acid-Enriched WeedGuardPlus transform it. Simply sheet mulch as illustrated here. Wait a couple months, and you're ready to plant!



Which WeedGuardPlus

Organic Rolls and Sheets

Light weight for high tunnels and hoop houses

- For hoop houses and high tunnels only
- 17% lighter weight, 20% lower cost than standard weight

Standard weight for field grown crops

- Our most popular product
- Effective, all-natural weed control throughout an entire growing season
- Saves labor, boosts production

Heavy weight for textured soils, longer growing seasons

- 54% heavier than standard weight
- Extra durable for long-season or overwintered crops
- Ideal for landscaping and habitat restoration

Organic Pre-Punched

All-natural weed suppressing mulch

- Pre-punched "X" slits
- Perfect spacing for your plants
- Huge time saver
- Heavy weight material withstands strong rains
- Gradually decomposes over the course of a growing season

Choice of patterns to suit your needs

- Single rows with holes spaced at 11" or 22"
- Triple rows with holes spaced at 7.33"
- Triple rows with 11" staggered spacing
- Five rows with 5.5" spacing
- See page 15 for illustration of options

Pre-cut sheets for existing plantings

- Super easy to use
- 18" OD circles, 18"x18" squares, 12"x12" squares
- Custom sizes also available
- All items with pre-cut slit to center hole, easy to slip around plants
- Great for berry plants, small shrubs or trees
- Use for existing plants and new plantings for great weed control

product is right for you?

Fortified Products

Fertilizer-enriched WeedGuardPlus

- Time-released 3-3-3- fertilizer incorporated into the weed block feeds plants all season
- Provides 38 lbs each NPK per acre
- Eliminates undesirable fertilizer runoff

WeedGuardPlus encriched with 2% Humic Acid

- The single best treatment to build soil quality
- Improves soil tilth and fertility
- Humic acid helps break up compacted soil
- Adds organic material to sandy soil
- Improves seed germination and plant health
- Increased nutrient uptake means higher yields
- Choose rolls or 24"x24" squares embedded with 2% humic acid

WeedGuardPlus fortified with 2% Calcium

- Delivers 19 lbs of calcium per acre
- Protects against blossom end rot and other diseases
- Improves nutrient uptake
- Strengthens plant cell walls
- Addresses soil salinity issues

GeoMulch

- All natural, economical weed block suitable for a range of applications
- GeoMulch NC Natural Coating decomposes at a slower rate for longer service life
- GeoMulch NC Extra Duty ideal for seasonal landscaping at a lower cost than plastic landscape fabric
- Apply manually or by machine

Film Mulch

- Plastic mulch made from corn starch, a naturally compostable and degradable plant-based material
- Developed from corn starch to produce a black plastic type material
- Suppresses weeds / moderates soil temperature
- Good weed control
- Can be machine applied

Easy Installation

WeedGuardPlus is easy to apply by machine or manually. Just follow these simple application tips (and see our how-to videos on www.WeedGuardPlus.com/videos).

MANUAL APPLICATION TIPS

- Lay out on a calm / no wind day
- Place a heavy stone at each corner of the beginning of the roll
- Insert a pipe or broom handle through the center of the roll and slowly unroll
- As you unroll, add soil to the edges to hold in place

MACHINE APPLICATION TIPS

- Choose one of our "creped" products, which are highly flexible and work well with mechanical mulch laying machines
- Lay out on a calm / no wind day
- Take all sway out of a 3-point hitch
- Be sure all tension is off the WeedGuard roll
- Trailing press wheels must be 90º vertical and ride on the outer 2" – 4" of the roll

Manual installation of pre-punched product

"The onions were weed free the whole season. Once I got them up through the holes the rest of the growing season was effortless."

–JEFF G., PA

Community garden using standard weight product

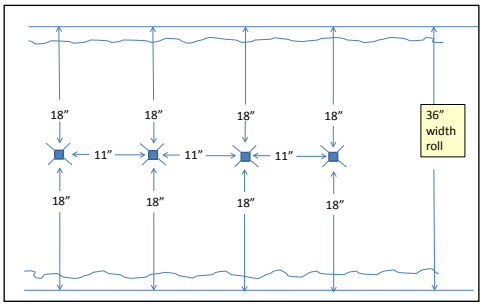
Alcema Farm, Mexico

Creped product being applied to raised bed

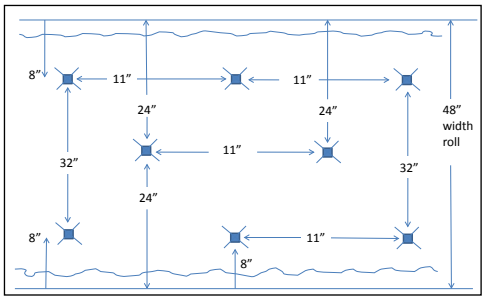
Product Information

Pre-Punched Patterns

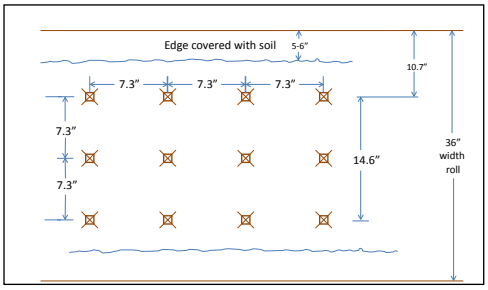
Looking for a time saver? Our pre-punched patterns are available in a variety of spacing options.



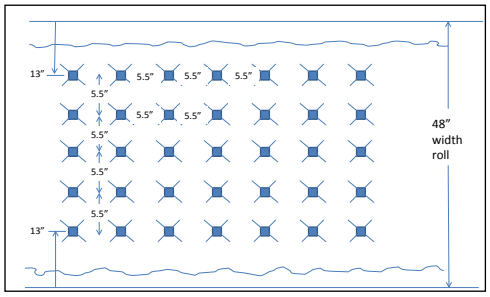
SINGLE ROW, 11” OR 22" SPACING



TRIPLE ROW, 11” STAGGERED



TRIPLE ROW, 7.3” SPACING



FIVE ROWS, 5.5” SPACING

Stock items

GROWER SIZE ROLLS

GARDEN SIZE ROLLS

	HOME GARDENING & LANDSCAPING				ORGANIC CROP PRODUCTION		CONVENTIONAL CROP PRODUCTION	
WEEDGUARD PRODUCT	**FLOWERS**	**VEGETABLES**	**SMALL TREES**	**NEW SHRUBS TREES**	**VEGETABLES**	**FRUIT & OTHER SM. TREES**	**VEGETABLES**	**FRUIT & OTHER SM. TREES**
Standard Weight Rolls	✔	✔			✔		✔	
Heavy Weight Rolls	✔	✔	✔	✔	✔	✔	✔	✔
Heavy Weight Pre-Punched Rolls	✔	✔			✔		✔	
Heavy Weight Sheets & Circles			✔	✔		✔		✔
Calcium-Enriched Rolls		✔					✔	
Fertilizer-Enriched Rolls		✔					✔	✔
Humic Acid-Enriched Rolls and Squares	✔							✔
GeoMulch Creped	✔	✔					✔	
GeoMulch NC Light Weight							✔	
GeoMulch NC Medium Weight	✔	✔					✔	
GeoMulch NC Extra Duty			✔	✔				✔

Suitable for **Certified** Organic use

Soil-enrichment products

Coming soon. Call for availability.

Effective. Efficient. Natural.

100% biodegradable paper weed block

Use all-natural OMRI-Listed WeedGuardPlus® and you'll grow stronger, healthier plants, free from competition from weeds – with less time and effort on your part. Whether you're a commercial grower, landscaper or home gardener, there's a WeedGuardPlus product for you.

Easy for home gardeners

Landscapes establish weed-free

OMRI Listed All Natural Formulations

Suitable for all types of irrigation systems

Remove invasive plants and replace with native species

www.WeedGuardPlus.com

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Monday-Friday, 9:30 a.m.–6:30 p.m. Eastern

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