

Colorant systems — brilliant and consistent solutions

In addition to providing quality colorants and innovative equipment, we're committed to helping your business succeed with ongoing training, unmatched technical support, on-site service and personal assistance from your BASF team.

We know the future of your operation is important to you. That's why we're actively developing new products and equipment today to meet your customers' needs tomorrow.

Get the Complete Package — Innovation, Service, Support and Products.
Call 888.663.6980 or visit us online at Colorbiotics.basf.us.

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 **Colorbiotics**[®]

 **BASF**
We create chemistry



Sahara®

The Sahara Pro is clearly the world's most advanced mulch coloring system. The perfect combination of power, technology and efficiency, the Sahara Pro is the only coloring system on the market dedicated to providing producers with the ability to immediately bag and ship product.

Not only is our patented system capable of producing up to 350 cubic yards of superior color-enhanced mulch per hour, its advanced atomizing technology uses less colorant and up to 50 percent less water than other systems. This means you save on water costs while decreasing mulch weight and drying time. Plus, our innovative mixing chamber — the most aggressive on the market — ensures maximum surface-to-colorant exposure and a higher colorant coverage.

When it comes to keeping your Sahara running at peak performance, you can always count on us for timely, on-site tech support to help minimize downtime.



Ruggedly reliable for extreme-duty operation and easy maintenance, the Sahara employs a solid steel mixing shaft and a bolt-and-key arm and blade configuration.



The automated, bilingual control panel makes using the Sahara a virtually effortless, one-person operation — saving you on labor costs.

The Sahara delivers consistently colored, high-quality product in the bag faster, and with less water and weight than competitive systems. A BASF territory manager can perform a thorough needs assessment — based on your targeted ROI and production calendar — to determine which model best fits your operation.



SAHARA SERIES*	X1	X3	PRO
Estimated Production	150 yd ³ / hour	200 – 300 yd ³ / hour	100 – 350 yd ³ / hour
Water Requirements	10 – 40 gpm	20 – 70 gpm	20 – 100 gpm
Height	13.42'	13.42'	15'
Width	7.75'	7.75'	8' (12' 3" with tote mixer crane assembly)
Length	20.42'	24.83'	35' (includes attached discharge conveyor)
Weight	14,660 lb	18,200 lb	38,000 lb
Infeed / Dump Height	11'	11'	11'

**Conveyor sold separately.*

For generator requirements, inquire with your territory manager.

Designed as a one-person, completely automated operation, the Sahara is a perfect example of our commitment to produce colorant systems that set the world standard for excellence and value.

- Up to 300 cubic yards per hour
- Atomizing technology uses less water and colorant
- Built for efficiency and durability
- Safe, automated, one-person operation
- Color control monitoring
- Emergency stops, proximity switches and built in safety module allows for maximum operator safety.





Second Harvester®

If you want a mulch colorant system that is simple to operate, offers outstanding performance and value, and delivers a high-quality product, then the Second Harvester is for you. It's a profitable, efficient solution for any operation.

The Second Harvester is an aggressive, multistage mixing system capable of rapidly producing uniform, premium mulch at up to 150 cubic yards per hour. It's an automated workhorse that's ideal for companies looking for value, performance and profitability in an entry-level machine.



The 13-cubic-yard hopper meters wood fiber directly into the mixing chamber to achieve optimal, consistent colorant coverage.

With automatic controls identical to the Sahara, the Second Harvester is safe, is easy to operate with lower labor costs and delivers accurate colorant distribution.

The Second Harvester is engineered to perform. Unlike many competitive systems, we back the Second Harvester with a 1-year warranty from the date of setup. And with scheduled performance audits and routine preventive maintenance, you can keep it performing at peak efficiency, season after season.

SECOND HARVESTER	200
Estimated Production	150 yd ³ / hour
Water Requirements	25 – 60 gpm
Height	12.42'
Width	6.3'
Length	20.5'
Weight	14,660 lb
Infeed / Loader Dump	10'

For generator requirements, inquire with your territory manager.

Designed for simplicity and automation, the Second Harvester is a one-person operation.

- Up to 150 cubic yards per hour
- Multistage mixing system
- Consistent color application
- One-person operation for lower labor costs
- Simple, automated design



CM200

If you're new to the mulch colorant industry and are looking for a highly transportable metering system, the CM200 single-pump system offers outstanding performance and high-quality end results at a minimal investment. The CM200 attaches to any grinder, trommel screen or other processing equipment for optimal colorant distribution.

The CM200 provides impressive performance for budget-conscious owners — with an output of up to 400 yards per hour.

CM200 COLORANT METERING SYSTEM	
Output	Up to 400 yd ³ / hour
Power Requirements	120 VAC, 1 PH only
Water Requirements	25 – 90 gpm
Motor	Vector pump with 46:1 gearbox and Baldor 1/3 hp motor
Height	40"
Width	22"
Length	40"
Weight	252 lb



Global Equipment Monitoring (GEM) 2.0

The GEM 2.0 system from BASF takes the productivity of the Sahara® X Series mulch-coloring system to an even higher level — helping you get the most from your investment by improving efficiency, maximizing production, increasing control and minimizing user error.

GEM 2.0 works in tandem with your Sahara X Series mulch-coloring system, giving a single operator virtually effortless, remotely accessed control of multiple Sahara units — with convenient features and programmable recipe presets that are sure to enhance your bottom line.

The GEM 2.0 system uses three ultrasonic sensors to monitor colorant and water input levels every five seconds. Then it accurately and automatically makes adjustments to avoid using excess color and water, ensuring quality results you can count on — including drier mulch for reduced transportation costs.

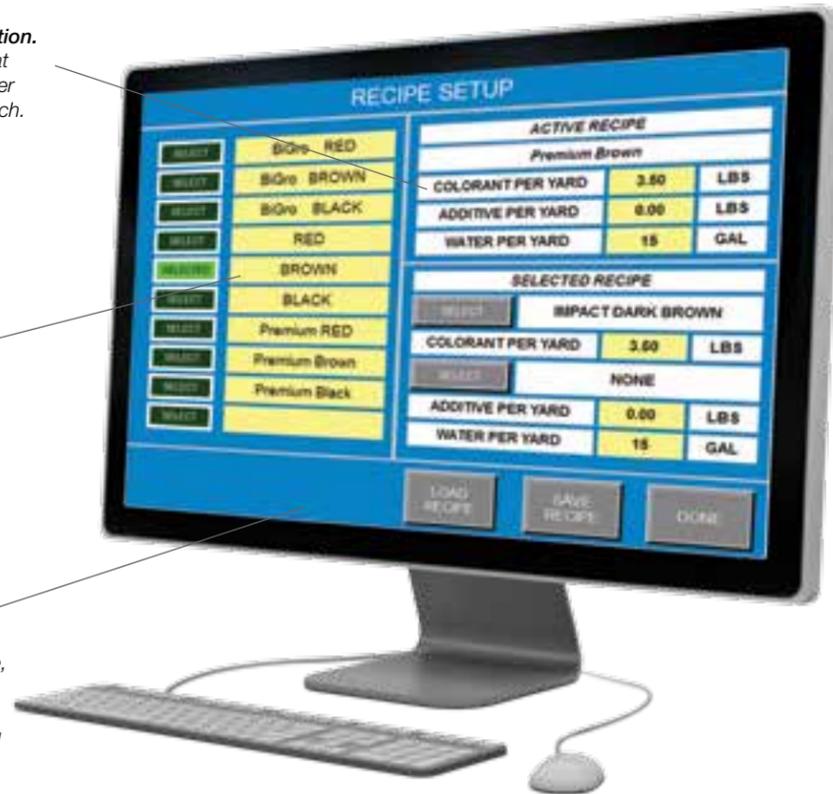
Real-time views of machine operation.
With GEM 2.0, operators can know at a glance colorant and water usage per minute, per hour and per yard of mulch.

User-friendly operation.

Easy-to-follow system screen displays allow the operator to set up and store over 10 colorant recipes based on the type of colorant and the amount of water and colorant needed per yard of mulch. The GEM 2.0 system then automatically adjusts the Sahara to perform at these precise settings.

Dynamic data recording, reporting and downloading.

GEM 2.0 connects to the BASF GEM database, providing dependable machine performance and maintenance data on a daily basis. These reports are emailed to you as PDFs — enabling the operator to review water and colorant specifications, chart the overall performance and make production changes.



Troubleshooting with a BASF service technician

Our tech service team will be there from the beginning, making sure things go smoothly and customizing your machine to fit the specific needs of your operation. They're readily available to answer questions by phone or email. If necessary, they'll travel to your location to keep your machine in excellent condition.

BASF has four service trucks, each equipped to handle your equipment needs. Three regionally located trucks have a 3800-pound crane capable of lifting any component on BASF equipment, welders capable of both stick and wire feeds, and a plasma cutter to cut through metal. In addition, there's enough space on the truck to hold at least one of every commonly used part along with the tools necessary to install each. This will help to minimize your downtime and keep your business up and running.

Many customers find the BASF tech service program a valuable resource for maintaining equipment. The program is designed not only to fix problems as they occur, but to make sure your machine is running as efficiently as possible. Our tech service representatives will conduct machine audits and calibrate the machine as needed to ensure optimal performance.

