

TAKE STEPS TO SHRINK YOUR ENVIRONMENTAL FOOTPRINT WITH U.S. SOY

Throughout his career, retired National Park Service Facility Manager Chris Case has forged the way for biobased. His lifetime commitment to environmental stewardship earned him a place in the Michigan Environmental Hall of Fame from the Muskegon Environmental Research & Education Society. This whitepaper shares his path to success with soy-biobased products.

1 Custodial Products

Biobased products can make a significant improvement in lowering the toxicity of routinely-used custodial cleaners. Switching to soy-biobased products both improves employee safety by curbing harsh chemicals and reduces the environmental footprint of custodial activities by reducing or eliminating petroleum content.

Keep in mind, many of the chemicals used in custodial operations enter drains and toilets that lead into septic, sewer and/or treatment systems. All eventually enter water systems one way or another. Soy-biobased cleaners are biodegradable and non-toxic, and therefore a better choice for the environment.

TRY THESE:

- HAND CLEANERS
- INDUSTRIAL CLEANERS + DEGREASERS
- JANITORIAL PRODUCTS



2 Facility + Grounds Maintenance

Biobased alternatives have taken the lead in performance and sustainability. The solvency of soybean oil makes it an excellent solution for removing mastics and coatings with significantly lower VOCs and toxicity.

Additionally, rapidly renewable soy-biobased products, such as soy-backed artificial turf, can drastically reduce water waste and overall maintenance cost.

TRY THESE:

- ADHESIVE + MASTIC REMOVERS
- CARPET
- GRAFFITI REMOVERS
- INSULATION
- PAINTS + PAINT STRIPPERS
- ROOF RESTORER
- STAINS + SEALERS
- SYNTHETIC TURF
- TRANSFORMER FLUID

3 Road Maintenance

Biobased road construction and pavement preservation products are demonstrating their ability to outperform their petroleum counterparts. By using soy-biobased asphalt rejuvenators, customers can add flexibility to road surfaces and pave the way for a significant return on their investment.

Now that biobased road products are commercially available and have demonstrated their exceptional performance, specification writers should encourage the use of biobased road products in contract specifications and ask that their inclusion is evaluated in bid proposals.

TRY THESE:

- ASPHALT REJUVENATOR
- CONCRETE + ASPHALT SEALERS
- DUST SUPPRESSANTS
- PAVEMENT MARKING PAINT



4 Fleet Maintenance

Biobased fluids and lubricants meet fleet needs and can reduce the impacts of petroleum-based products on employees and the environment.

Many of these products are not only safer to use and have fewer environmental impacts; they also can perform better than the traditional petroleum-based products. Biobased hydraulic fluids, spray lubricants, greases, parts cleaning fluids, and penetrants all exhibit environmental health and safety attributes that contribute to a smaller environmental footprint.

TRY THESE:

- BIODIESEL
- CAR + TRUCK WASH
- DIESEL FUEL ADDITIVES
- FIFTH-WHEEL GREASE
- HYDRAULIC FLUIDS
- INDUSTRIAL DEGREASERS
- LUBRICANTS, OILS + GREASES
- PENETRATING LUBRICANTS
- TIRES

For success stories and a full list of soy-biobased products, visit www.soybiobased.org



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