

MGAWC

March 10, 2022



Every day the situation in Ukraine becomes more dire.

Over a million Ukrainian civilians have fled, and millions more are still trying to cross the borders into Poland and Romania. The crisis continues to worsen as resources to care for the Ukrainian refugees grow scarcer as their numbers grow.

**"The flower that follows the sun
does so even in the cloudy days"**

— Robert Leighton

How can you help?

BUY

Buy sunflowers from our "Sunflowers for Ukraine" collection. 100% of proceeds of online sales from "Sunflowers for Ukraine" will be donated to Ukrainian aid and refugee support efforts.

[BUY SUNFLOWERS](#)

PLANT

Plant your sunflowers as a show of solidarity with the Ukrainian people.

SHARE

Share this effort with your friends and family to spread the word.

Short for Land-Potential Knowledge System, LandPKS has four input modules that can be used individually or together to customize the app to the user's needs:

- LandInfo
- LandManagement
- LandCover
- SoilHealth

Using GPS for pinpoint location, LandPKS allows access to vast amounts of existing, open-source data on soil, ecology, climate, and more. Much of the U.S. data is from ARS and USDA's Natural Resources Conservation Service (NRCS), and each time users input data on their own soils, the app's soil identification accuracy improves. Herrick pointed out that users have the option to keep their information private if desired.

So, what can it do?

- help users discover the value and potential of their land based on its characteristics
- allow access to soil information from anywhere
- accurately identify soil type
- help users track planting and harvest dates and management efforts

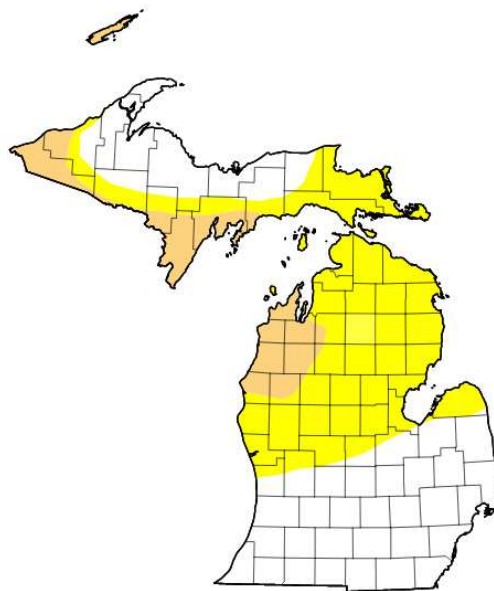


The LandPKS mobile app can also be used to identify soil and monitor vegetation in suburban yards. (Kristi Meyer, D4426-2)

U.S. Drought Monitor

[Current Map](#)[Maps](#)[Data](#)[Summary](#)[About](#)[Conditions & Outlooks](#)[En Español](#)[NADM](#)

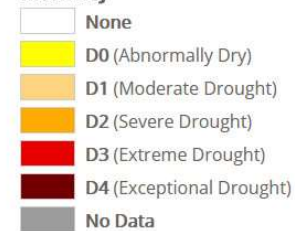
Michigan

[Home](#) > [Michigan](#)

Map released: Thurs. March
10, 2022

Data valid: March 8, 2022 at 7 a.m.
EST

Intensity



Authors

United States and Puerto Rico Author(s):

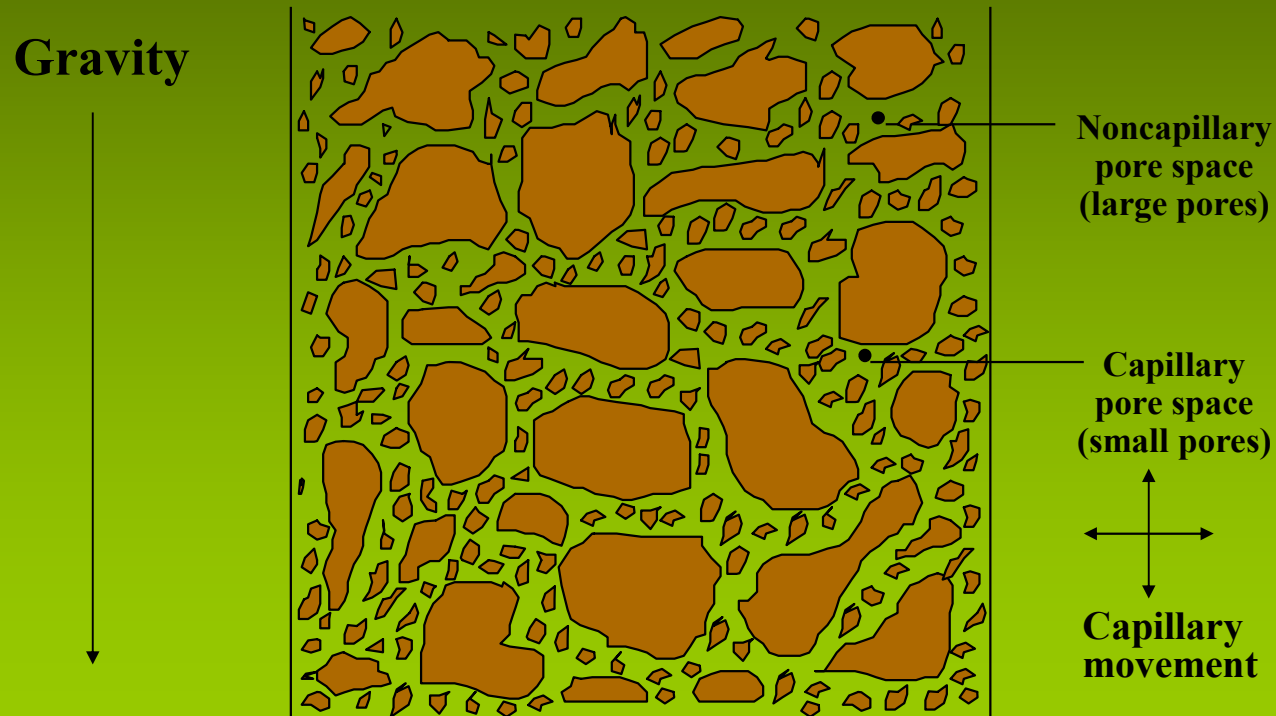
Brian Fuchs, National Drought Mitigation Center

Pacific Islands and Virgin Islands Author(s):

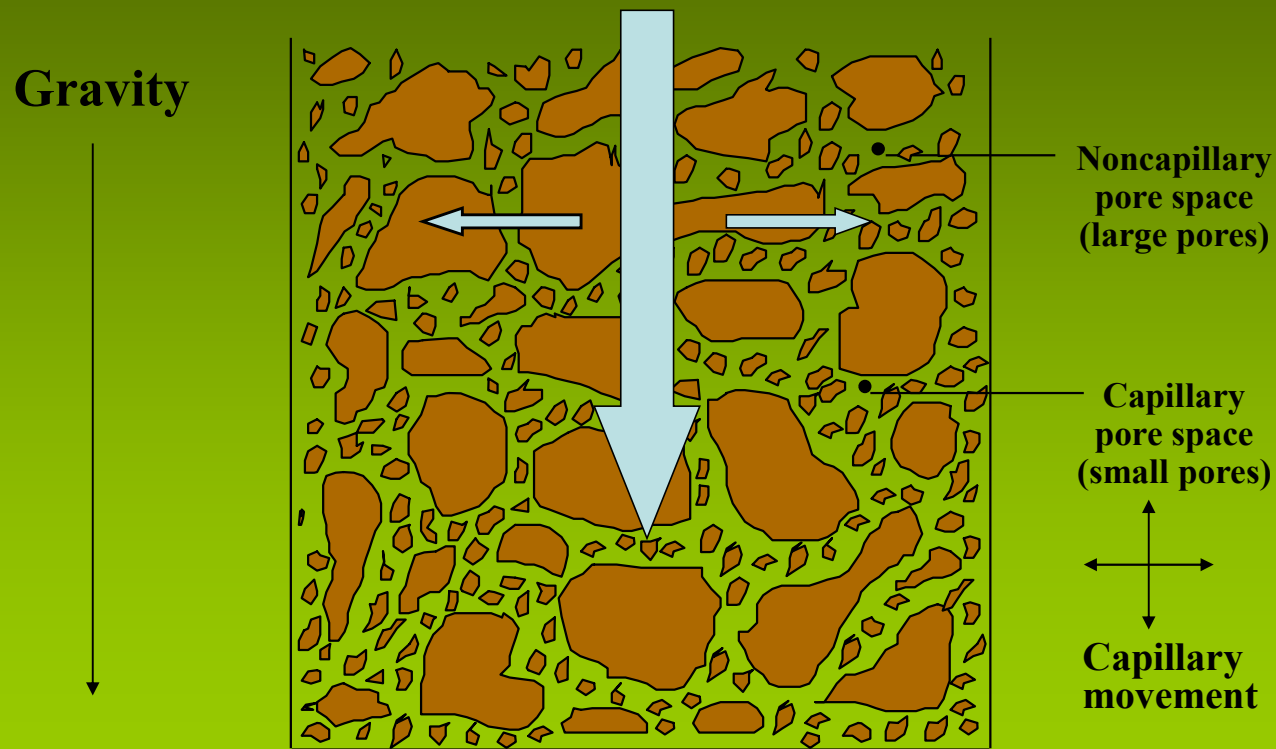
Denise Gutzmer, National Drought Mitigation Center

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying **text summary** for forecast statements.*

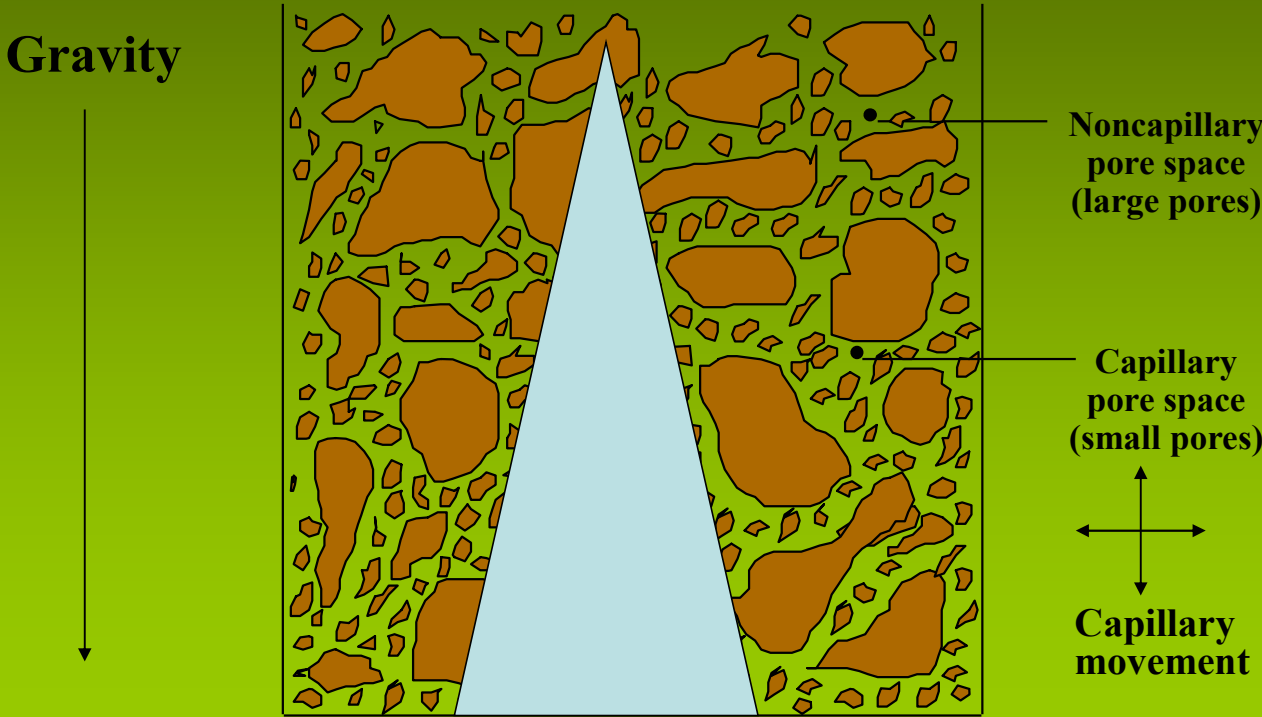
Media and Water Movement



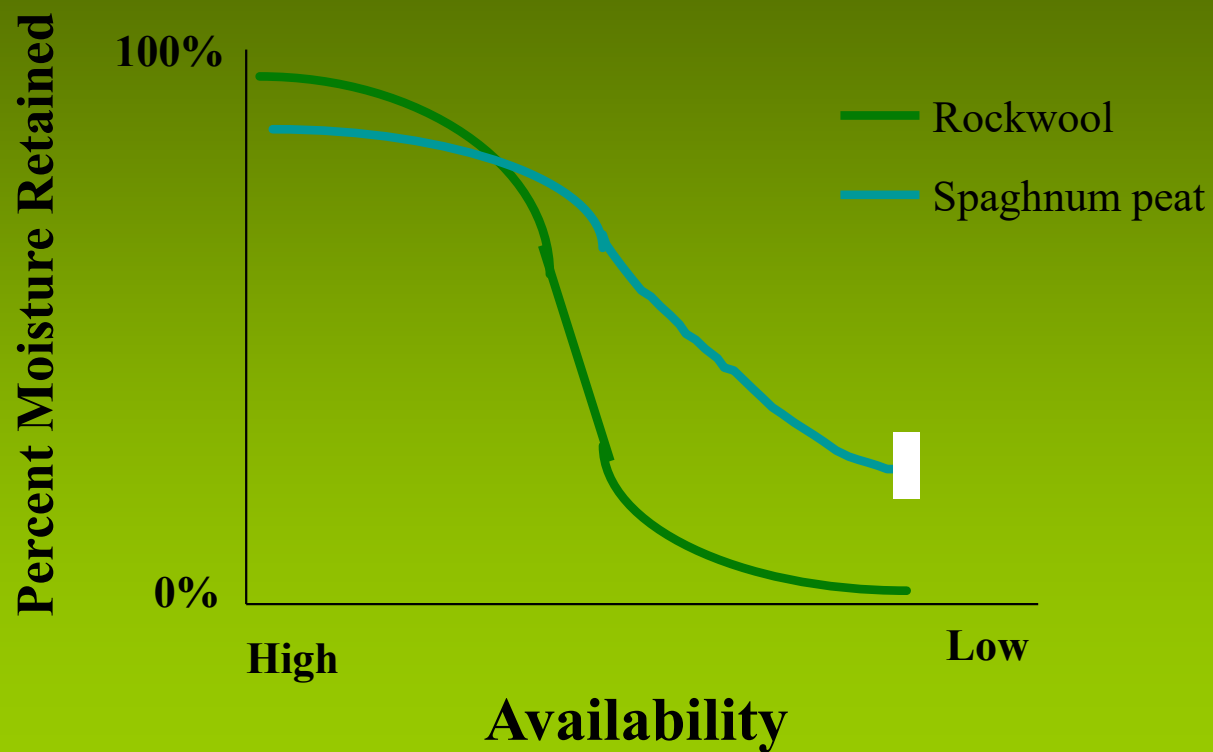
Media and Water Movement



Media and Water Movement



Moisture Release Curve



COVER STORY

[Printable PDF](#)

1/1/2022

Is Peat Sustainable?

Jennifer Zurko

A lot of the information included in this article is from our October 2021 webinar titled “The Facts on the Sustainability of Peat.” To watch the archived version, go to growertalks.com/webinars.

“What is Peat and Why Should We Protect It?”

“Is This Popular Gardening Material Bad for the Planet?”

“The Real Truth About Peat Moss”

“4 Reasons to Stop Using Peat Moss”

“The Dirty Secret Behind Sphagnum Peat Moss”

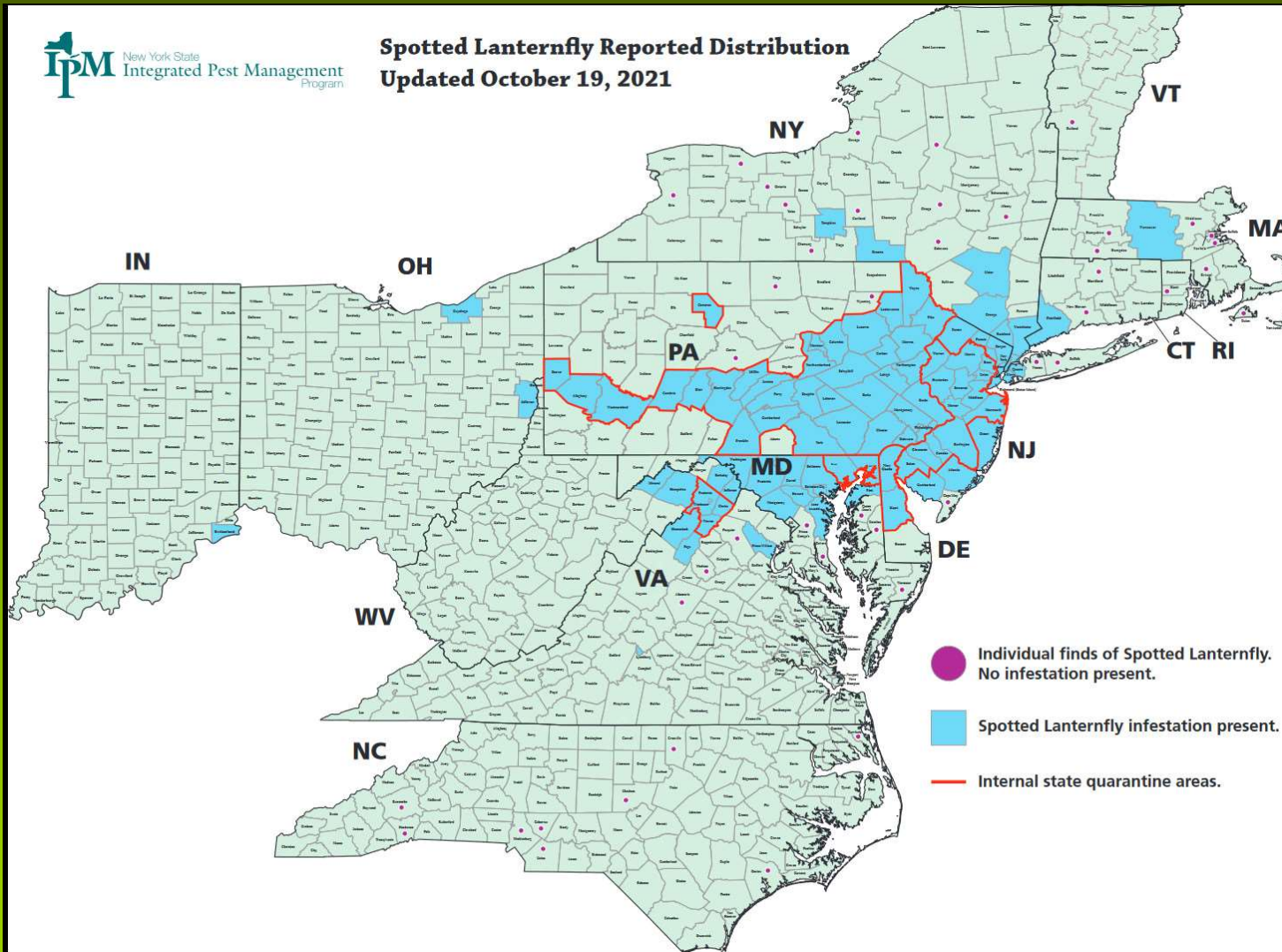
If you type in the phrase “Is sphagnum peat moss renewable?” in Google’s search bar, these are the first headlines that pop up. Which explains why this topic has become a bit controversial with environmentalists and conservationists, and in turn, has become a sticking point for growing media suppliers and growers.

As growers and suppliers become more aware of the impacts their products and services have on the environment—and as consumers are becoming more climate-conscious—more focus is being put on inputs like peat moss. The debate on how renewable peat actually is also has been fueled by opposing political views and opinions.

But how “bad” is harvesting sphagnum peat moss, really? Will the Canadian peat industry that North American horticultural producers have long relied on for decades end up like Europe, with bans and mandatory phase-outs (see Sidebar 1)?



Spotted Lanternfly Reported Distribution Updated October 19, 2021



Science & Technology

Like it or not, Joro spiders are here to stay

October 26, 2020 · by Beth Gavrilles



A Joro spider up close. (Photo by Dorothy Kozlowski/UGA)

COLUMNS

The online newspaper for the
University of Georgia
community

@UGAResearch

Research news from across the
University of Georgia

Tweets by universityofga

Events



Marmorated Stink Bug

Samurai Wasp



The samurai wasp (*Trissolcus japonicus*) arrived by accident in the United States before scientists were ready to release it. ELIJAH TALAMAS

Meet the Spongy Moth, Whose Old Name Contained an Offensive Term

Having removed the pejorative name “gypsy moth” last July, the Entomological Society of America officially renamed *Lymantria dispar*.





u/BennyHanno / Via reddit.com