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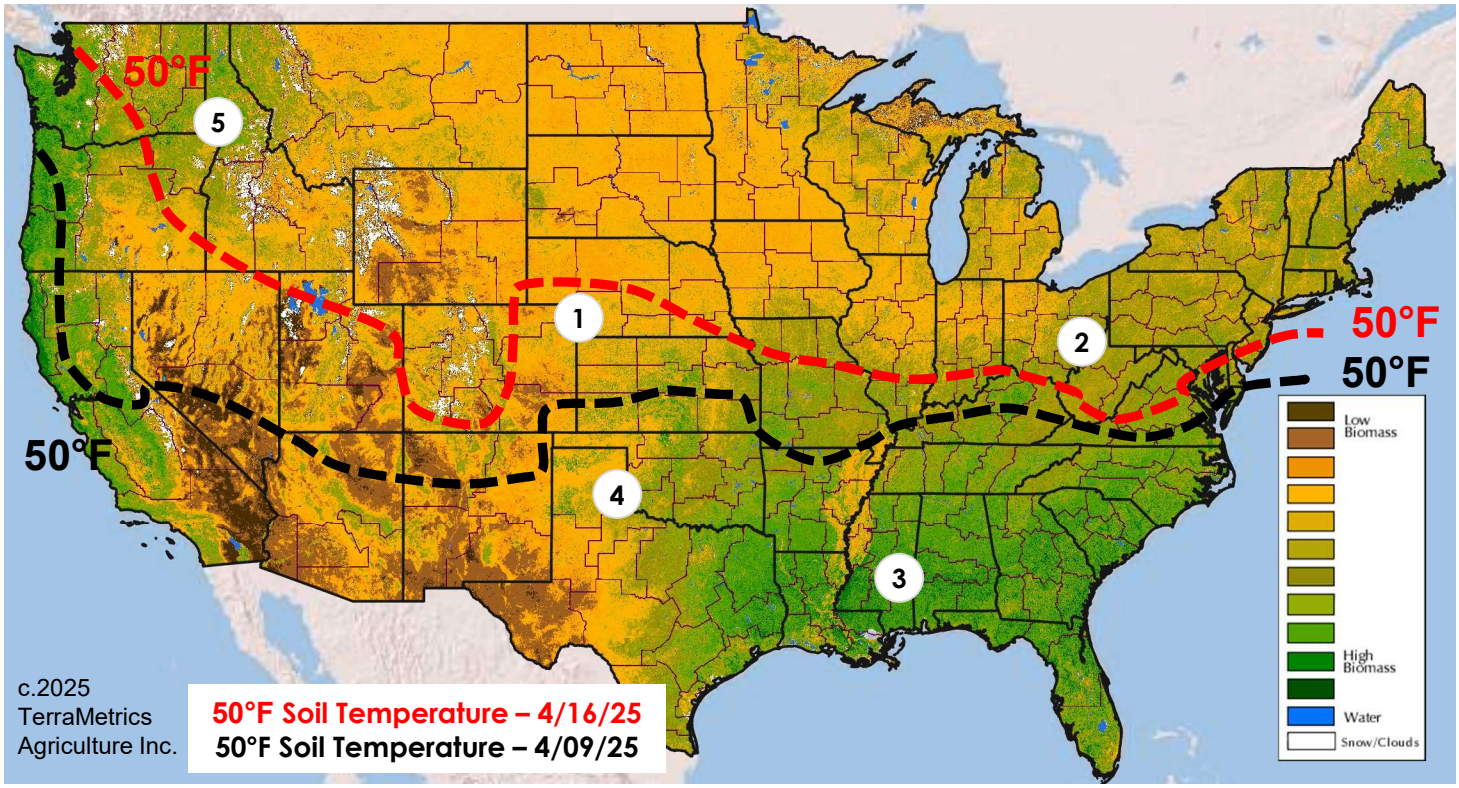
GREENREPORT®

Issued: April 16, 2025

Produced in collaboration with Planalytics, Inc.

Normalized Differential Vegetation Index | Period 15, March 31 - April 14, 2025



THIS WEEK'S HIGHLIGHTS…

1. The key 50°F soil temperature threshold has made excellent northward progress for most interior and western states. Strong warmth drove that result, with daytime highs most days over the past week soaring well into the 70s and 80s. Fieldwork and planting pace accelerated where moisture conditions allowed. Weekend rains will interrupt that pace, but the moisture will be quite welcomed.

2. The Eastern Corn Belt and East Coast states, however, have dealt with unusually cold conditions keeping soil temperatures less than optimal for many. Going forward, readings will be highly variable and moisture plentiful. Still, producers should have enough warmer and drier periods to get seed in the ground within the next week or two.

3. The lower Mississippi Valley and Mid-South regions have had a rough go of it since the start of April. Many areas saw 6 to 12 inches of rain from a stalled storm system last week, and while drier of late, some are still dealing with overly saturated fields and river flooding. Worried producers will not like to hear that another round of prolonged rains is in the forecast for this weekend into early next week. It won't take much additional moisture to produce a repeat of the flooding and another 3 to 6 inches of rain in the forecast would be more than enough to do so. Replant or prevent plant risk would increase.

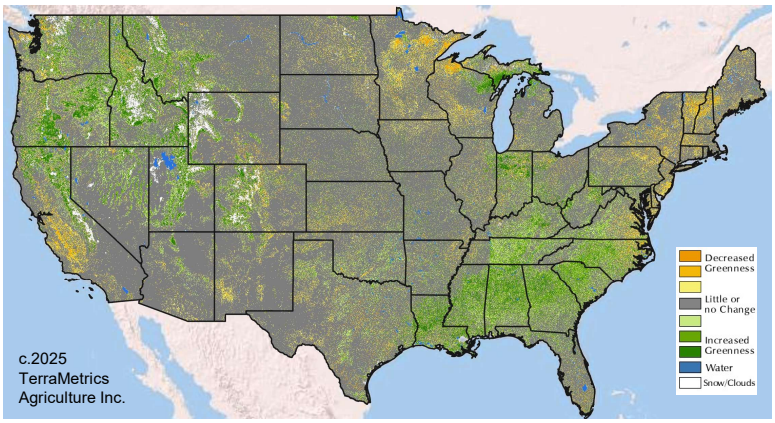
4. Despite recent rains, Texas and the Western High Plains could still use quite a bit of moisture to boost developing wheat health. Fortunately, there is more good news as a weekend system promises another round of beneficial rains for the region.

5. After what had been a mostly cooler start to spring, strong warmth has recently overspread western states, boosting early biomass. Along with good moisture in the northwest quadrant, turf and deciduous vegetation, along with rangelands are now beginning to thrive.

Vegetation Index Greenness Map | Period 15, March 31 - April 14, 2025

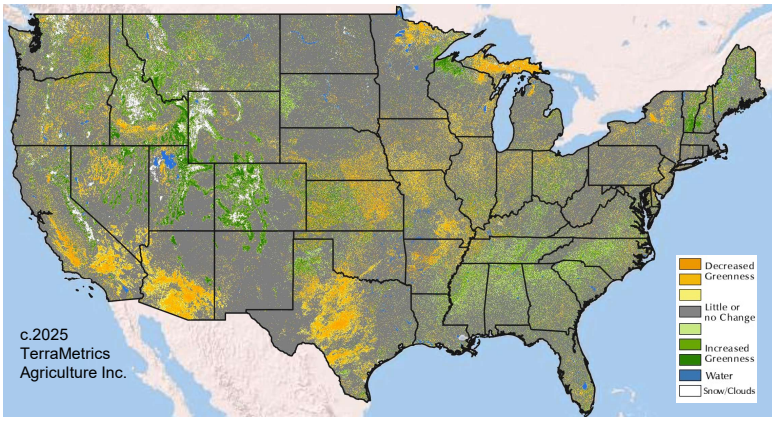
Change from Last Week

Week on week Greenness trends continue to show very good early greening across the entirety of the Southeast quadrant and extending further north into the southern reaches of the Corn Belt states, depicting healthy biomass given al the wet weather. The decreased signals for the upper Midwest and Northeast regions are due to cloud cover. Positive Greenness extends back into the northwest quadrant where frequent rain events have greatly boosted moisture, and recent warmth has gotten turf and rangelands greening up nicely.



Change from Last Year

Greenness trends are quite distinct. While biomass in the Southeast is looking quite good given plentiful moisture reserves, a large area of the Plains is considerably less green versus last year and encompasses most of the primary wheat areas. This more challenged biomass is quite stark in parched Texas and the Southwest where severe drought is locked in. Conversely, we're seeing positive trends for the northwest quadrant, with turf and rangelands greening up nicely.



Change from Normal

Greenness trends are looking more mixed against the long term normal for Corn Belt states and back into the Plains wheat areas. However, a notable area of decreased Greenness over western Texas indicates the wheat crop and other biomass is suffering from severe drought conditions. That negative trend includes much of the Southwest. Good greening, however, is seen in the northwest given ample moisture supplies.