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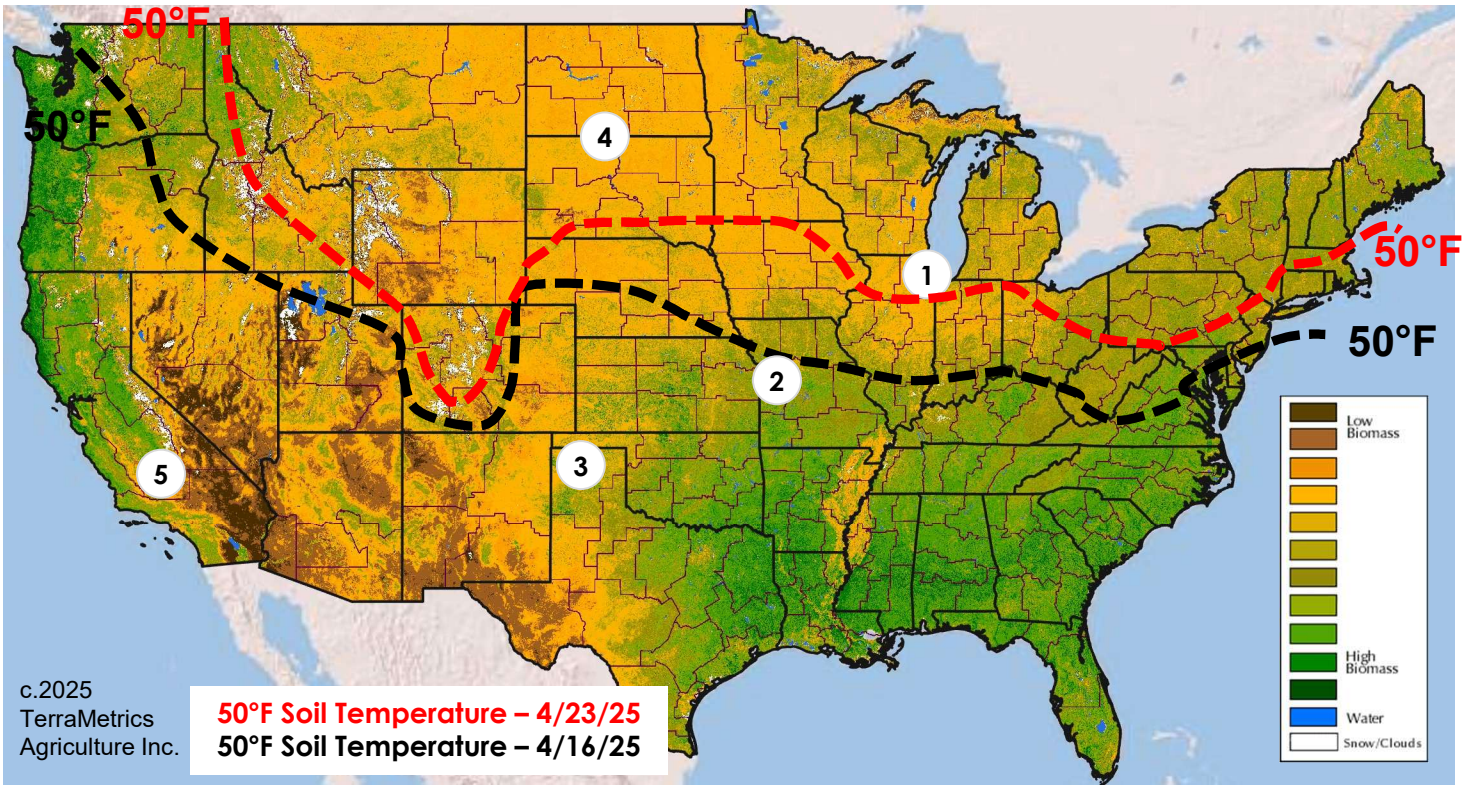
GREENREPORT®

Issued: April 23, 2025

Produced in collaboration with Planalytics, Inc.

Normalized Differential Vegetation Index | Period 16, April 7 - April 21, 2025



THIS WEEK'S HIGHLIGHTS…

1. The key 50°F soil temperature threshold has surged northward again in the past week, making it nearly all the way through the primary Corn Belt states. A week of high temperatures most days in the upper 70s and 80s and scattered rains have done the trick. Planting of corn, soybeans, and other summer crops are now accelerating, That said, the week ahead will bring several chances for periods of heavy rain and severe storms, which will disrupt fieldwork in the wettest areas.

2. Speaking of excessive wetness, the Missouri Valley region received very heavy rains late last week and weekend, With up to 6 inches reported in parts of Kansas, Oklahoma, and Missouri, lowland and river flooding were widespread across the area interrupting planting operations. The promise of more storm chances in the coming days could further hamper those efforts and worst case could force replanting for some.

3. The wheat areas of the Western High Plains have benefitted from recent rain events, greatly improving moisture reserves for the developing crop. Near term trends favor more wet weather potential for the region, which producers will certainly welcome in this typical too dry region.

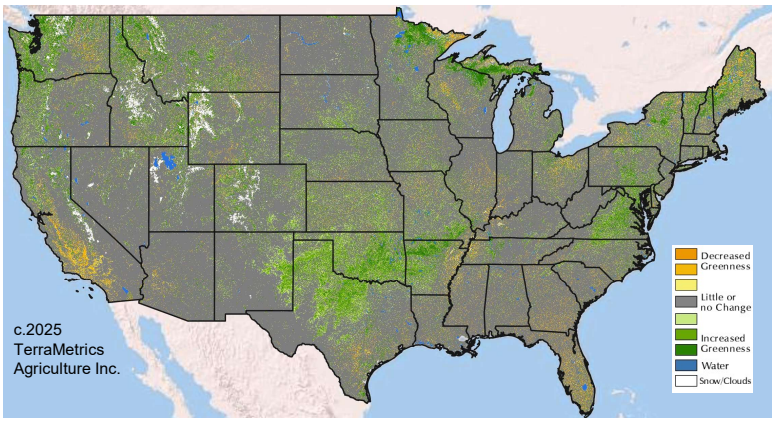
4. While periods of warmer temperatures have occurred, soils in the Northern Plains region are still too cold for any meaningful planting to occur. It's also been quite dry and drought conditions are widespread. While no extreme warmups are in sight, storm chances are quite high in the coming days which will not only boost moisture reserves but help to warm the soils. Further, the chance for a later than normal last freeze appears minimal.

5. The southern half of California and the adjacent southwest have continued very dry with deep moisture deficits and drought. Crop and rangeland areas are struggling, and with the typically drier season ahead, producers and ranchers will have to rely heavily on irrigation reserves.

Vegetation Index Greenness Map | Period 16, April 7 - April 21, 2025

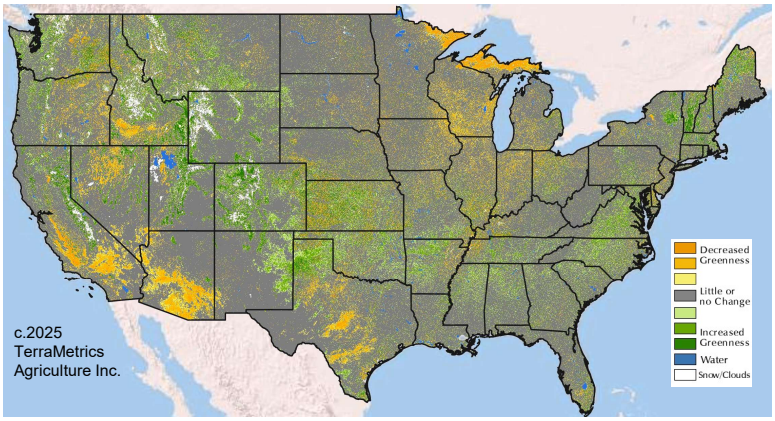
Change from Last Week

Week on week Greenness trends are showing a distinct greening across much of the southern Plains wheat areas. This is a direct result of much-needed heavy rain events last week and weekend in the area, which will go a long way toward an increasingly healthy crop. Positive Greenness trends extend to the Northeast and Mid-Atlantic regions as turf and deciduous biomass further emerges. Good greening is also continuing for much of the northwest quadrant. Conversely, decreased Greenness in southern California reflect continued dry conditions.



Change from Last Year

Greenness trends are quite distinct. The recent rains in the Plains and eastern Rockies have been hugely beneficial with areas of increased Greenness there and extending further east; also into the Northwest with warmer readings in recent weeks. Corn Belt states appear less green, which could be related to relatively cooler readings earlier in April against strong warmth last year. The area from southern Texas into the Southwest is struggling greatly with little to no moisture in weeks,



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 given the trends noted above. The distinct 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. Improved greening in the northwest region is a result of recent warmth and ample moisture supplies.