

Natural Climate Solutions on Agricultural Lands

To learn more,
visit [www.nwf.org/
naturalsolutions](http://www.nwf.org/naturalsolutions)



Fully implementing **CLIMATE-SMART AGRICULTURE PRACTICES** could remove as much as 100-200 million metric tons of carbon dioxide annually by 2050.

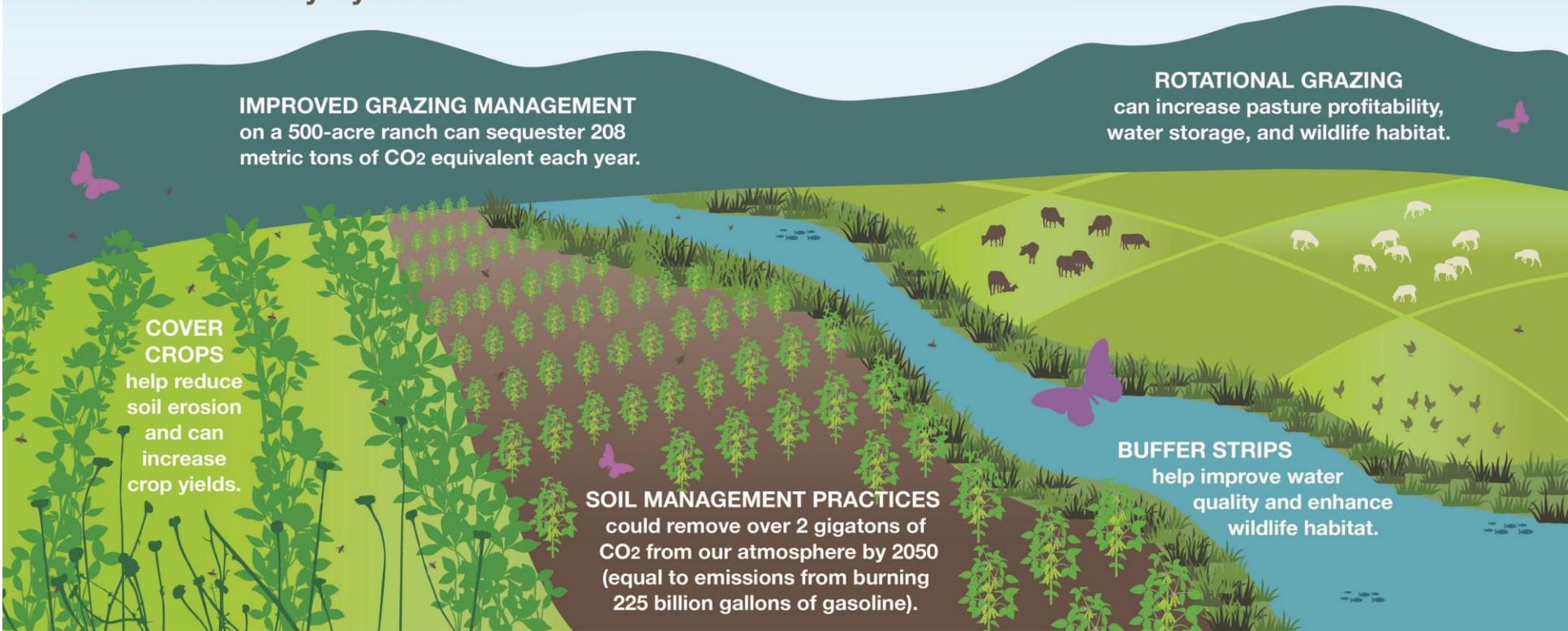
IMPROVED GRAZING MANAGEMENT on a 500-acre ranch can sequester 208 metric tons of CO₂ equivalent each year.

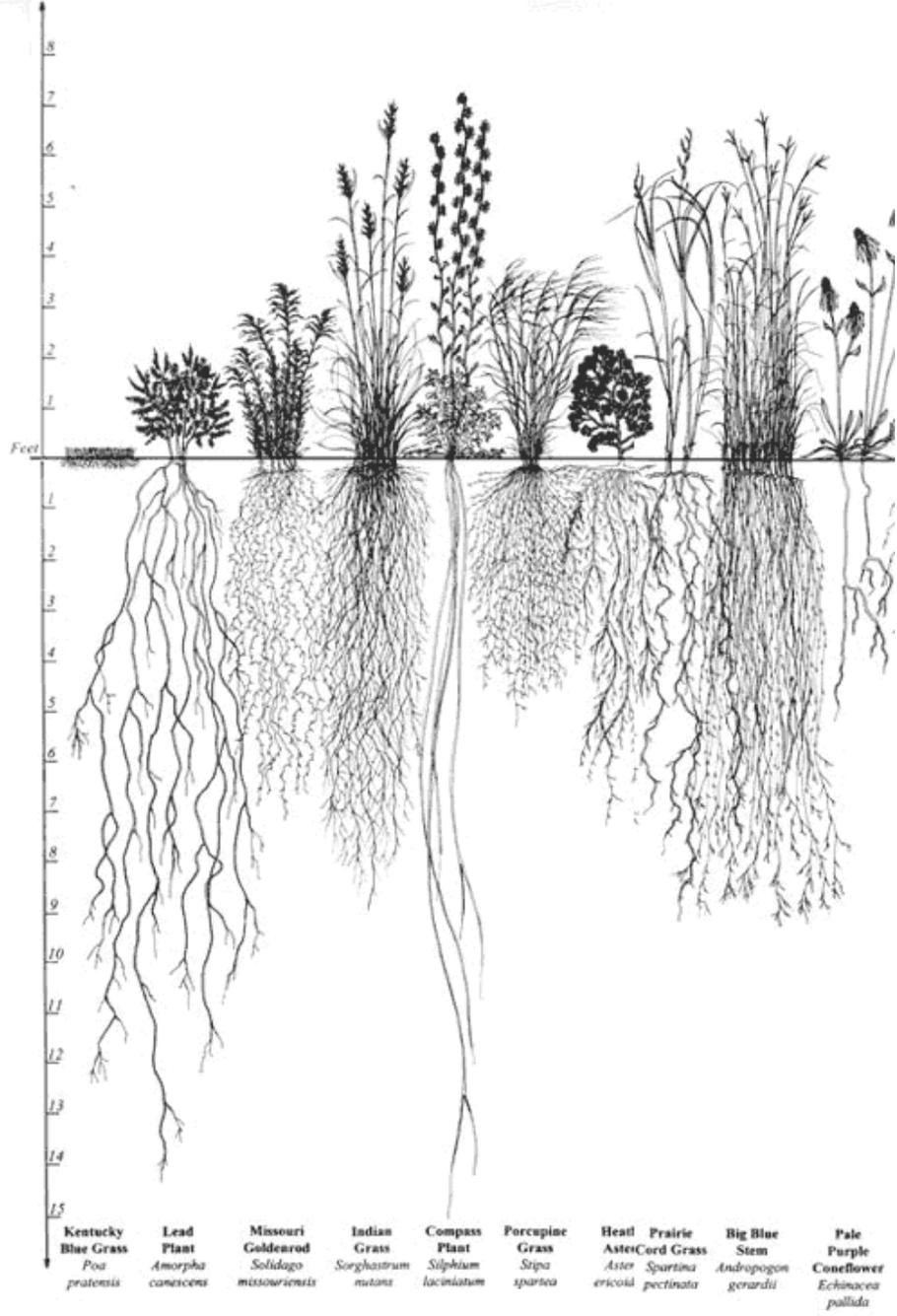
ROTATIONAL GRAZING can increase pasture profitability, water storage, and wildlife habitat.

COVER CROPS help reduce soil erosion and can increase crop yields.

SOIL MANAGEMENT PRACTICES could remove over 2 gigatons of CO₂ from our atmosphere by 2050 (equal to emissions from burning 225 billion gallons of gasoline).

BUFFER STRIPS help improve water quality and enhance wildlife habitat.





Grassland plants have deep roots that sequester carbon in the soil

Source: U.S. Environmental Protection Agency

Root Systems of Prairie Plants



Millions of acres of grasslands have been converted over the last two decades alone

When grassland is converted, we lose much of the carbon that was sequestered in the soil

ASSISTANT SCREENPLAY CO-PRODUCED COSTUME EDITED COSTUME DIRECTOR OF GUEST WRITTEN SPECIAL SPECIAL CO-DIRECTED WRITTEN BASED ON THE COSTUME
 DIRECTOR BY BY DESIGNER BY DESIGNER PHOTOGRAPHY DIRECTOR BY EFFECTS BY EFFECTS BY BY BY NOVEL BY DESIGNER

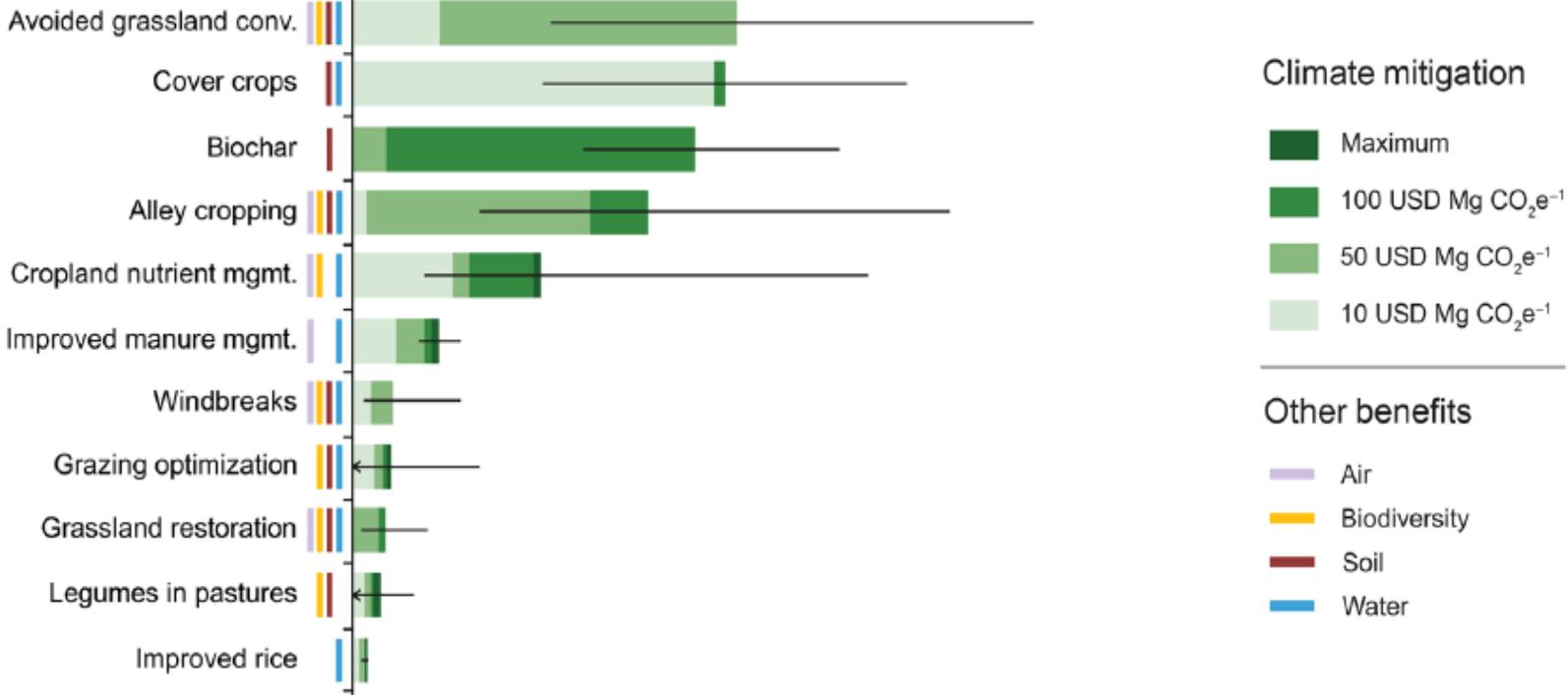
MUSIC SCREENPLAY BASED ON THE ASSISTANT EDITED GUEST SPECIAL CO-PRODUCED SCREENPLAY BASED ON THE LINE WRITTEN SPECIAL DIRECTOR OF GUEST EDITED WRITTEN VISUAL
 BY BY NOVEL BY DIRECTOR BY DIRECTOR EFFECTS BY BY BY NOVEL BY PRODUCER BY EFFECTS BY PHOTOGRAPHY DIRECTOR BY BY EFFECTS BY

MUSIC CO-DIRECTED CO-PRODUCED STORY WRITTEN VISUAL EDITED STORY CO-PRODUCED VISUAL CO-PRODUCED DIRECTOR OF WRITTEN VISUAL CO-PRODUCED SCREENPLAY BASED ON THE
 BY BY BY BY BY EFFECTS BY BY BY BY EFFECTS BY BY PHOTOGRAPHY BY EFFECTS BY BY BY NOVEL BY

EXECUTIVE SCREENPLAY VISUAL EDITED BASED ON THE VISUAL CO-PRODUCED WRITTEN CO-DIRECTED
 PRODUCER BY EFFECTS BY BY NOVEL BY EFFECTS BY BY BY BY

Climate mitigation potential in 2025 (Tg CO₂e year⁻¹)

Ag. & grasslands



Source: Fargione, J. E., Bassett, S., Boucher, T., et al. (2018). Natural climate solutions for the United States. *Science Advances*, 4(11), eaat1869. [doi:10.1126/sciadv.aat1869](https://doi.org/10.1126/sciadv.aat1869)

W LINE EDITED BASED ON THE ART EDITED CO-DIRECTED SCREENPLAY SPECIAL EDITED SCREENPLAY 3D VISUAL GUEST DIRECTOR OF GUEST WRITTEN SPECIAL SPECIAL CO-DIRECTED WRITTEN BASED ON THE COSTUME SPECIAL ART EDITED
 PRODUCER BY NOVEL BY DIRECTOR BY BY BY EFFECTS BY BY BY EFFECTS BY DIRECTOR PHOTOGRAPHY DIRECTOR BY EFFECTS BY EFFECTS BY BY BY NOVEL BY DESIGNER EFFECTS BY , DIRECTOR BY
 CO-DIRECTED SCREENPLAY SPECIAL EDITED SCREENPLAY 3D VISUAL GUEST DIRECTOR OF GUEST WRITTEN SPECIAL SPECIAL CO-DIRECTED WRITTEN BASED ON THE COSTUME
 BY BY EFFECTS BY BY BY EFFECTS BY DIRECTOR PHOTOGRAPHY DIRECTOR BY EFFECTS BY EFFECTS BY BY BY NOVEL BY DESIGNER
 ART CO-PRODUCED CO-DIRECTED COSTUME CO-DIRECTED CO-PRODUCED PRODUCTION EDITED
 DIRECTOR BY BY DESIGNER BY BY DESIGNER BY



W EDITED CO-DIRECTED CO-DIRECTED STORY WRITTEN BASED ON THE WRITTEN DIRECTOR OF EDITED COSTUME ART SCREENPLAY GUEST DIRECTED CO-PRODUCED BASED ON THE DIRECTOR OF
 BY BY BY BY BY BY NOVEL BY BY PHOTOGRAPHY BY DESIGNER DIRECTOR BY DIRECTOR BY BY NOVEL BY PHOTOGRAPHY

DIRECTOR OF GUEST WRITTEN SPECIAL SPECIAL CO-DIRECTED WRITTEN BASED ON THE COSTUME SPECIAL MUSIC WRITTEN BASED ON THE SPECIAL EDITED CO-EXECUTIVE 3D VISUAL EDITED SPECIAL VISUAL EDITED GUEST MUSIC WRITTEN GUEST CASTING SCREENPLAY BASED ON THE
 PHOTOGRAPHY DIRECTOR BY EFFECTS BY EFFECTS BY BY BY NOVEL BY DESIGNER EFFECTS BY BY BY NOVEL BY EFFECTS BY BY PRODUCER EFFECTS BY BY EFFECTS BY EFFECTS BY BY DIRECTOR BY BY DIRECTOR BY BY NOVEL BY

WRITTEN BASED ON THE COSTUME EXECUTIVE GUEST SCREENPLAY ASSISTANT CO-PRODUCED COSTUME EDITED LINE WRITTEN CASTING CO-PRODUCED VISUAL WRITTEN VISUAL PRODUCTION SCREENPLAY GUEST
 BY NOVEL BY DESIGNER PRODUCER DIRECTOR BY DIRECTOR BY BY DESIGNER BY PRODUCER BY BY BY EFFECTS BY BY EFFECTS BY DESIGNER BY DIRECTOR

ART CO-PRODUCED CO-DIRECTED COSTUME CO-DIRECTED CO-PRODUCED PRODUCTION EDITED
 DIRECTOR BY BY DESIGNER BY BY DESIGNER BY



America's dwindling grasslands require action

BY COLLIN O'MARA, HOWARD K. VINCENT, REBECCA A. HUMPHRIES, JEFF CRANE AND WHIT FOSBURGH, OPINION CONTRIBUTORS —
12/05/20 06:00 PM EST
THE VIEWS EXPRESSED BY CONTRIBUTORS ARE THEIR OWN AND NOT THE VIEW OF THE HILL

121 COMMENTS

Just In...

1,773 SHARES

Facebook SHARE Twitter TWEET



© iStock

Over the past few years, natural resource conservation — from restoring our national parks to conserving critical wildlife habitat — has provided rare common ground and bipartisan victories.

The bipartisanship of conservation must be summoned once again to restore America's most endangered ecosystems — our prairies and grasslands. The challenges facing the Great Plains are steep and demand collaborative solutions. Only fragments of our once vast prairies remain supporting the wildlife that captured the imaginations of early Americans.

P DIRECTOR GUEST SCREENPLAY EXECUTIVE SCREENPLAY SPECIAL WRITTEN CO-DIRECTED PRODUCTION SCREENPLAY GUEST WRITTEN BY N EDITED ART N SCREENPLAY GUEST VISUAL LINE
BY PRODUCER BY EFFECTS BY BY BY DESIGNER BY DIRECTOR BY DIRECTOR BY DIRECTOR EFFECTS BY PRODUCER

A STORY EDITED GUEST CO-PRODUCED MUSIC WRITTEN BASED ON THE G GUEST WRITTEN SPECIAL SPECIAL CO-DIRECTED WRITTEN BASED ON THE COSTUME SPECIAL
BY BY DIRECTOR BY BY BY NOVEL BY G DIRECTOR BY EFFECTS BY EFFECTS BY BY BY NOVEL BY DESIGNER EFFECTS BY

G SCREENPLAY BASED ON THE SPECIAL EDITED GUEST ASSISTANT WRITTEN VISUAL CO-PRODUCED SCREENPLAY BASED ON THE A MUSIC VISUAL
BY NOVEL BY EFFECTS BY BY DIRECTOR DIRECTOR BY EFFECTS BY BY BY NOVEL BY A BY EFFECTS BY

- Incentive based
- Landowner friendly
- Sequester carbon and benefit wildlife
- Support working grasslands
- Increase investment in North America's grasslands



For more information:
GlaserA@nwf.org