



Twitter tweets (posts) have led to **4,989** impressions, **507** media views, **318** engagements with an average engagement rate per post of **7.1%**, **77** total clicks, **63** likes, and **41** retweets.



Instagram posts have reached **1,584** accounts, led to **1,848** impressions, **46** profile visits, **13** link taps, **246** likes, and **11** shares.

Reels reached **676** accounts, **786** views/impressions, **101** likes, and **8** shares.



Facebook posts have reached: **1,372** people, led to **111** engagements, **1,610** impressions, **80** total clicks, **95** likes, and **7** shares.



GLOBAL REACH OF TWEETS X



SOCIAL MEDIA PLATFORM SUMMARY BY METRIC

*Average Metric Unit per Post

Platform Averages	Impressions (views)	Engagement	Likes	Accounts Reached	Top Content Theme	Top Media Type	Top Hashtag
Facebook	51.94	3.58	3.06	44.26	Shout out to team	Informational images	#wholegrain, #regenerativeagriculture, #sustainableagriculture
Twitter	138.58	9.09	2.33	-	Shout out to team	Informational images	#soilhealth
Instagram	88	-	11.71	75.43	Education/outreach	Informational images	#regenerativeagriculture
Instagram Reels	71.45	-	9.18	61.45	Shout out to team	Informational videos	#sustainableagriculture; #wholegrain

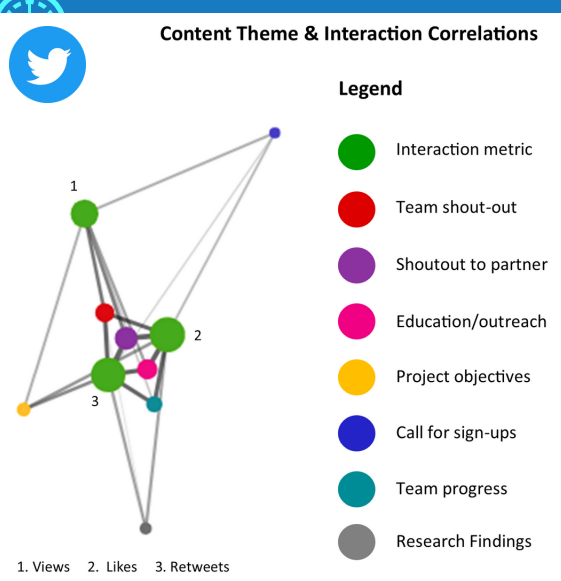
ACROSS ALL PLATFORMS, **MONDAYS** AND **THURSDAYS** TEND TO BE THE IDEAL DAYS TO POST WHILE **FRIDAYS** SHOULD BE GENERALLY AVOIDED TO OPTIMIZE INTERACTIONS.

FORCE-DIRECTED GRAPHS

Social media posts for each platform (Twitter, Instagram, and Facebook) were read and coded for naturally occurring themes. These themes were collected with respect to the content of the post's message itself, the type of media that was used in the post (i.e., image, URL link, video) if at all, and the hashtags used. To see if there was a relationship between these components and post interactions (i.e., if utilizing images in posts garnered more attention than a URL link), OEIE used Atlas.ti23 to run correlations (relative frequencies only; not a significance test) between themes and interaction metrics respective to the platform being analyzed, then visualized the results in Atlas's force-directed graphs. Force-directed graphs utilize algorithms that impose similar physics as van der Waal's forces onto the network, based on the correlations between the codes (nodes). Please refer to Appendix A for more details regarding the methodology and Appendix B for a summary of results.

- The **size of the node** is a function of **integration** - the larger the node, the more relationships that node has with other nodes.
- The **length of the 'edges'**, or lines between nodes, is a function of **how strong the correlation is** (a shorter length indicates those two nodes occur more frequently together than with others).
- The **thickness of the edges** is a function of **density** - the more frequently those nodes occur simultaneously, the thicker the edge.

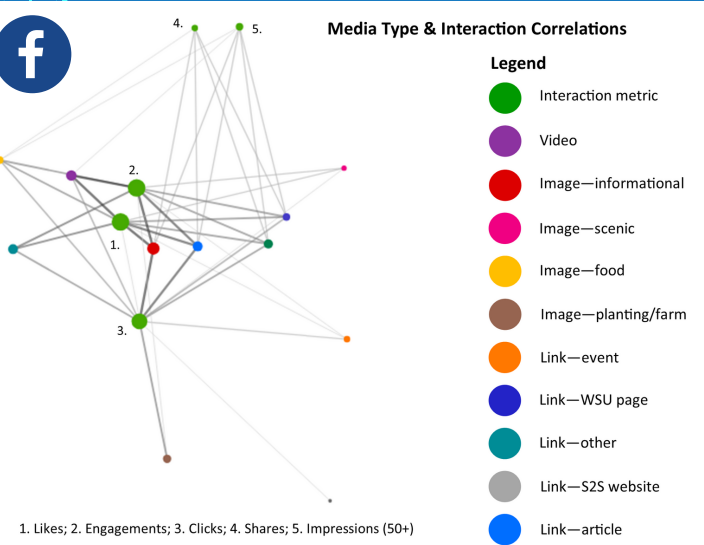
CONTENT THEMES



The message content of the posts from all platforms were coded for naturally occurring themes. Many themes were found (i.e., seven Twitter themes emerged in as demonstrated to the left; see Appendix B for more details). Themes were then graphed against the respective interaction metrics for each platform. In the case here with Twitter, interaction metrics included Views, Likes, and Retweets.

In the Twitter example to the left, **interaction metrics** most strongly correlated with **shout outs to team members, shout out to partners, and education/outreach** posts. This is visibly indicated by the larger size of these nodes and the short, thick edges between the respective thematic nodes and interaction metrics (particularly likes and retweets).

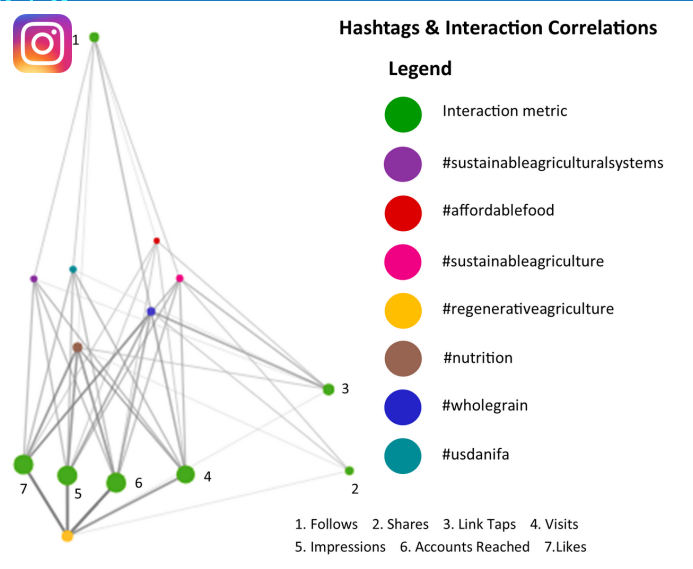
MEDIA TYPE THEMES



The media used in posts from all platforms were coded for naturally occurring themes (i.e., videos, images, links). Many themes were found (i.e., ten media themes emerged in Facebook posts as demonstrated to the left). Themes were then graphed against the respective interaction metrics for each platform. In the case here with Facebook, interaction metrics included likes, engagements, clicks, shares, and impressions (views of 50+).

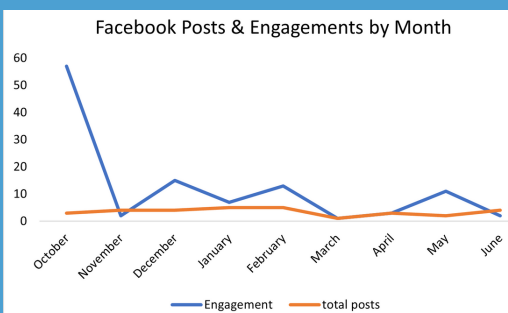
In the example to the left, **interaction metrics** most strongly correlated with **informational images, videos, and links to articles** (i.e., journal or magazine article). This is visibly indicated predominately by the shorter, thicker edges between the respective thematic nodes and interaction metrics (particularly likes and engagements)

HASHTAGS

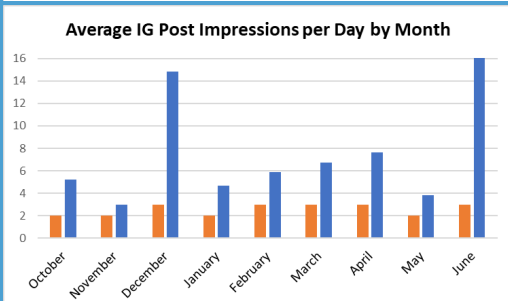


The hashtags used in posts from all platforms were coded for naturally occurring themes. These hashtags were graphed against the respective interaction metrics for each platform. Only the highest correlated hashtags were included in graphs due to the volume of hashtags employed. In the case here with Instagram, interaction metrics included follows, shares, link taps, visits, impressions, accounts reached, and likes.

In the example to the left, **interaction metrics** most strongly correlated with the hashtags **#regenerativeagriculture, #nutrition, and #wholegrain**. This is visibly indicated predominately by the shorter, thicker edges between the respective thematic nodes and interaction metrics (particularly likes, impressions, accounts reached, and visits).



Overall, engagements or impressions (depending on the metrics available by platform) as average frequency per post or day within a month were graphed over the course of data collection to see if there was a relationship between time/months and the collected metrics.



Unfortunately, no pattern has thus emerged across any platforms as exemplified by the results to the left. Such patterns may emerge as data collections continue and platforms gain more followers and activity.

DEFINITIONS

- **Impressions:** number of times content is displayed/viewed
- **Engagements:** number of actions your content received from users (likes, comments, shares, saves, etc.)
- **Clicks or "total clicks":** includes link clicks, post reactions, comments, shares, clicks to expand images to full screen, clicks to homepage, etc.
- **link taps (external):** number of taps on any of the links on your Instagram profile, excluding taps on your connected Facebook profile.
- **Accounts reached:** number of accounts that have viewed the post at least once.
- **Visits:** number of profile visits.