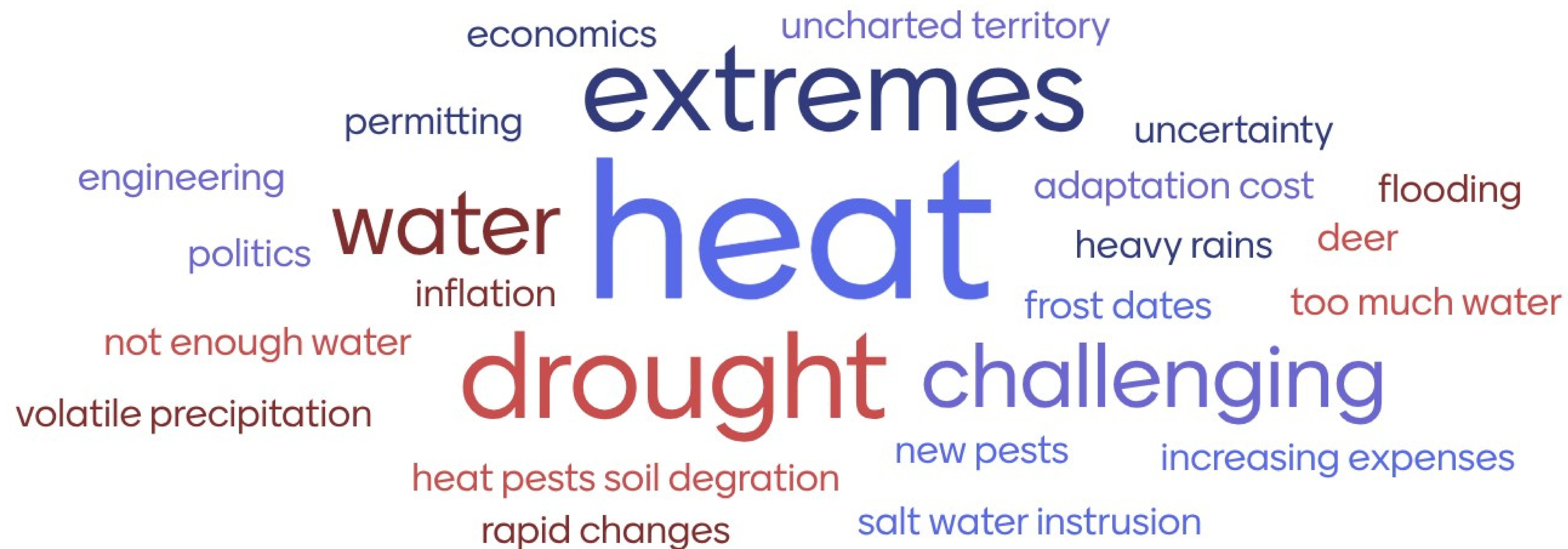


Please share one word that describes environmental (or biological) stressor(s) most impacting NJ farm's viability:



Where is NJ agriculture most resilient?

Large nearby markets

indoor cultivation

farmer ingenuity

Regenerative practices

The growers and
hopefully extension

access to markets

innovation

people

Where is NJ agriculture most resilient?

The growers

New Crops and
Practices

Hope prevails

Our people

High Organic Matter

People

integrity

non-irrigated crops

Where is NJ agriculture most resilient?

climate resilient crops

Where is NJ agriculture most vulnerable?

Land pressure

coastal/estuarine areas

economics

Farm land availability

biosecurity protocols

High costs and increasing environmental regulation that puts the burden on farmers.

Land loss. Aging out farmers and applied educators

rapid ID of new biotic threats

Where is NJ agriculture most vulnerable?

A large population
reliant on food supply

costs

degraded soil

coastal areas

non-irrigated crops

Limited research dollars

Veggies

Irrigation needs (no
engineers)

Where is NJ agriculture most vulnerable?

biosecurity threats

Corresponding ag
infrastructure and
businesses. Land
pressures

Need climate planning

Need marketing support

Policy recs on farm labor
and immigration

What research initiatives have the most potential to make NJ farms more viable?

Climate resilient crops

Leveraging machine learning and AI

crop response to heat stress

Crop breeding

Soil health

Grains research! For our region. Planting dates for winter wheat

crop selection

Breeding and Cultivar Trials

What research initiatives have the most potential to make NJ farms more viable?

Applying AI tools

soil improvement
initiatives - emphasis on
cover crops

disease resistance

Justification for
spending more \$ on
equipment/methods/etc

Start with finding out what
has been done already.
Don't reinvent the wheel

Policy recs on farm labor
immigration

Salt tolerant plants

Efficacy of different farming
tillage practices across nj to
increaese resilience and
carbon sequestration

What research initiatives have the most potential to make NJ farms more viable?

AI app tools to help
generate discussion making
when out in the fields

IPM

Cost benefits analysis to
help farmers understand
benefit of early climate
adaptation

What actions do you think are required to implement, scale, or sustain transformative initiatives?

active working groups

Become more active
and communicative with
lawmakers

Form interdisciplinary
research teams

Biodegradable
plasticulture

Funding for research
and/or incentives

Educate, funding

Open data access &
initiatives

TTtrainings for growers

What actions do you think are required to implement, scale, or sustain transformative initiatives?

Financial and technical support

Sustained funding to offer cost share to farmers for conservation equipment and cover crop cost/acre reimbursement

minimal till with fresh market produce

Demonstration projects on various practices

Funding for collaboration of partners

Strengthen community outreach

Examples of where practices have worked on farms

public-private partnerships

What actions do you think are required to implement, scale, or sustain transformative initiatives?

more collaboration
between experts and
farmers (present in teams)
when presenting
information or initiatives in
gathered spaces

demonstrations

Make sure there is
sufficient people and
money do carry through

What topics do you want more access to through programming?

Climate adaptation and mitigation planning

Cost analysis tools

Collaborations with other states

Advanced technology uses for producers

Conservation engineering

climate alternative crops

Efforts to provide advance notice and prediction of seasonal climate events

economic impacts/planning tools

What topics do you want more access to through programming?

Risk mitigation tools

worker health and
safety

Succession planning

grower-grower peer
learning

in depth farmer training

Online tools

Decision tools