

08/20/2021

To SBARE:

It is becoming obvious that world wide we are experiencing climate change. Weather patterns are changing, including rainfall distribution. The western United States is extremely dry and water for agriculture is already being rationed. Will water shortages lead to food shortages? What could we do locally to change food production and distribution systems?

I believe NDSU needs to research environmentally controlled food production. We need systems and methods in place to support local controlled environment food production. This research might include vertical farming, aquaponics, hydroponics and greenhouse production of high value crops. This research needs to be scaled to our population and potential market. It could be an economic boom to have environmentally controlled food production spread across North Dakota.

I challenge SBARE to put some funding into futuristic food production alternatives. Our world and climate is changing. Typical North Dakota agriculture production may not be enough to fulfill our food requirements in the future. Its time to think outside the box.

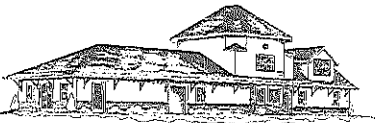
Sincerely,

Phil Lowe

P.O. Box 216

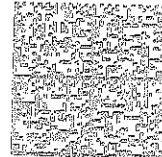
Minot ND 58702

A handwritten signature in black ink, appearing to be 'Phil Lowe', written in a cursive style.



1640 4th Ave. NE • Box 216 • Minot, North Dakota 58702

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SBARE
NDSU
Dept 7520
PO Box 6050
Fargo, ND 58108-6050

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