



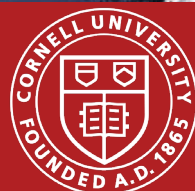
CROP UPDATE January 12, 2023

Cornell Cooperative Extension
Lake Erie Regional Grape Program



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Winter Grower Conference Series Dates and Registration-

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The Lake Erie Regional Grape Program is a Cornell Cooperative Extension partnership between Cornell University and the Cornell Cooperative Extensions in Chautauqua, Erie and Niagara county NY and in Erie County PA.



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2023 LERGP Winter Grape Grower Conference Series



These sessions are available for registration at our web-site.

February 9, 2023- Virtual Event- 10:00am- Noon
No pesticide credits are available for this session.

March 16, 2023- In Person at SUNY Fredonia- 8:00am-4:00pm

[Register online](#) or with the form on next page.

LAKE ERIE REGIONAL GRAPE PROGRAM
2023 GRAPE GROWERS' Winter Series CONFERENCE REGISTRATION FORM

SUNY Fredonia Williams Center

Thursday, March 16, 2023

Deadline for registration is Friday, March 10, 2023.

Name (1st attendee) _____ \$ _____

Farm Name _____

Address, City, State, Zip Code _____

Phone _____ E-mail _____

Are you enrolled in Lake Erie Regional Grape Program (LERGP)? Yes _____ No _____

MEMBER	REGISTRATION FEES	NON MEMBER
Feb Virtual Session Only	\$15.00 (\$10.00 addl attendee)	Feb Virtual Session Only \$20.00
In Person Conf. Only	\$90.00 (\$60.00 addl attendee)	In Person Conf. Only \$125.00

Additional Attendees:

*Please add a **\$25.00 late fee** for each reservation made after March 10, 2023

TOTAL \$ _____

Please make check payable (*US funds only*) to **LERGP (Lake Erie Regional Grape Program)** and mail to:

Kate Robinson

LERGP

6592 W Main Rd

Portland NY 14769

<u>Date Ck. Rec'd</u>	<u>Amount</u>

Business Management

Kevin Martin, Penn State University, LERGP, Business Management Educator

Fertilizer Price Update

Fertilizer price pressure started to alleviate last April but various nutrients were moving in different directions until October. Trends since October have been universally lower. Some significant price declines in late 2022 and early 2023 have moved grape fertilizer prices lower than any point in 2022.

Prices in 2023 were very volatile nationwide. Also, local retail prices varied compared to national markets because of that volatility and challenges in the trucking industry. If fertilizer trends continue, 2023 will certainly be less expensive than 2022. The amount of savings will vary considerably based on the timing of fertilizer purchases.

Potash prices are down 7% from 2022 low prices. They're down 15% from peak. It's possible that more potash will be needed for some growers, and this would erase any savings. For growers on a maintenance plan savings currently stand at 7% - 15% or \$5 - \$12 per acre. Globally, potassium is subject to logistic issues more than other nutrients. Wars, pandemics and transportation are a bigger concern for potassium. Use of potassium was down in 2021 and 2022. Most of that use was due to affordability, reduced use per acre, rather than a decline in agriculture production. It is expected that use will increase as potassium becomes more affordable.

Nitrogen prices are down between 17% and 32%, again depending on timing. Late summer nitrogen prices were lower than most of 2022 but that is not a particularly common time to purchase nitrogen. Assuming nitrogen was purchased in the first half of 2023, savings will be \$3 - \$9 per acre. The cost of phosphorus in grapes, of course, is all over the place. On average applications are somewhere between 5-25 pounds per year. Larger amounts are typically used but not as frequently as once per year. Phosphorus prices remain very high but have trended lower, like nitrogen and potassium.

While not a nutrient, lime prices are on the rise. The price increased mostly last year due to increased trucking costs. The commodity itself is up about 35% over the last 5 years. This increase has been steady, unlike the nutrient market. Overall, delivered lime is up 15% over the last two years.





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NYSDEC How to Get Certified Course:

Cameron Bishop from the NYSDEC is holding a 2 hour course for exam preparation, discussing NYS Pesticide laws and regulations, exam process, certification requirements and EPA worker protection standards. Paperwork for exam registration will be available to fill out on site. You will need to bring a valid photo ID and a check made payable to NYSDEC for \$100.00.

(The preparation course is separate from the exam. You will be able to sign up for the exam at the preparation course.)

Core and category training manuals can be purchased at the [Cornell Bookstore on-line](#).

The cost for this course is \$20.00. [Register here!](#)



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Viticulture

Jennifer Russo, Viticulture Extension Specialist, LERGP

Top 10 dormant pruning mistakes in commercial vineyards

On January 10, 2023, the Eastern Viticulture and Enology Forum (EVEF) that consists of specialists from Cornell, Penn State University, and Virginia Tech, hosted a webinar:

Corrective measures to the top 10 dormant pruning mistakes in commercial vineyards

Fritz Westover, Viticulturist and Founder, Westover Vineyard Advising, fritz@vineyardadvising.com

This online event was well attended with 200 participants. Unfortunately, there was technical difficulties with the recording. He is presenting this free webinar again on January 19, 2023, if interested. The registration link is listed below.

About

Fritz Westover

Viticulturist

Fritz Westover has been working hands-on in the viticulture industry since 1999, assisting growers in the eastern, southern, and western United States. He began as a vineyard worker for the [Chaddsford Winery](#) in southeastern Pennsylvania, while obtaining his BS in horticulture from Penn State University. Fritz completed his MS in 2003 from the Penn State Department of Plant Pathology, where he worked on projects including grapevine decline in replanted vineyards, grape disease management, and the science of compost application in vineyards.



Fritz has worked internationally as an assistant winemaker for the 2004 harvest at [Caiarossa Vineyards and Winery](#) in Pisa, Italy. From 2005 to 2007, Fritz served as Virginia Tech's Viticulture Research-Extension Associate at the Alson H. Smith Agricultural Research and Extension Center in Winchester, Virginia. From 2007 to 2013 he served as Viticulture Extension Program Specialist for the Texas A&M AgriLife Extension Service where he worked statewide on developing viticulture education and research programs. Fritz worked in California from 2013 to 2015 as Technical Program Coordinator with the [Vineyard Team](#), a leading grower group in the Central Coast of California, where he developed hands-on educational programs and applied research demonstrations to enhance vineyard sustainability. Fritz continues to [consult](#) for vineyard clients in more than five states in the southeastern US, serving as a leading resource for growers of Pierce's disease tolerant and vinifera wine grapes.

Fritz contributes to several national viticulture education projects including content contribution to the national [eXtension](#) web page for commercial grape production. He has been a member of the American Society of Enology and Viticulture (ASEV) since 2005 and served on the board of directors and as chair of the board for the eastern section of the ASEV.

From Fritz: If you want to send out the [link](#) below to your list of registrants for today's webinar they

can sign up for the same webinar for free. I will do it again on January 19th.

You can also indicate that if they sign up for the webinar and do not attend live I will also send them the recording afterwards.

This should cover it!

<https://www.virtualviticultureacademy.com/product/pruning2023/>

NYS Grape IPM Specialist Candidates

Currently, the Lake Erie Regional Grape Program, NYS IPM, and the candidate search committee reviewed a number of applications for the position of NYS Grape IPM Specialist that has been vacant since the retirement of Tim Weigle in 2019. We are very pleased that we narrowed the search down to three successful candidates and have been taking them through the in-person interview process. This process has consisted of a tour of Lake Erie Grape Region near the Cornell Lake Erie Research and Extension Laboratory to gain insight into our industry and the local area. Each candidate has had the opportunity to visit a certified nursery, a large Concord farm to experience the juice grape industry, and also a winery with vinifera, modern hybrid varieties, and natives to hear about the wine industry needs. The candidates each present a Research and Extension Seminar at CLEREL open to the public and then repeat that presentation in Geneva NY.

Below are the recorded versions of the first two candidate seminars for you to view followed by a Qualtrics survey to submit your feedback for the search committee to include in decision process. This is a great opportunity to have your voice heard once again in this very important process. Your support has been invaluable in securing funding to reinstate this position for our industry, and we appreciate your input for the final decision.

There is one more candidate to complete the in-person interviews, Dr. James Taylor. You are invited to participate in his seminar as well. It will be held on January 25, 2023, at CLEREL from 2:00-3:45 PM and we will send out a reminder message and more information as we get closer to the date. If you are unable to make it, we will forward the recording of Dr. Taylor's seminar and a Qualtrics survey for your input at the end of the month.

I am including a copy of the position description that was advertised to help align your thoughts for what is expected of the successful candidate. Please take some time to watch the recording of the previous seminars and provide your input:

Survey for collecting perspectives beyond our search committee:

Dr. German Vargas

From Extension and Research in IPM on Sugarcane and Ornamental Industries to Challenges in Grapes

This seminar will start with an introduction on my background as an extensionist and IPM practitioner. My experience in the establishment of an applied research and extension programs will be exemplified with projects in the sugarcane industry in Colombia and my current efforts in establishing an IPM program for the invasive hibiscus bud weevil in the ornamental industry in Florida. The above will lead to a discussion on my approach on the development of a program of

applied research and extension on IPM for grapes, and the challenges and solutions I foresee for grape growers. I will initially indicate general aspects of such program to then comment on two specific cases such as the grape berry moth, and the invasive spotted lanternfly. I will also discuss my approach to IPM as a model that goes beyond putting all different pest management alternatives together, to the need of getting all together (researchers, extensionists, growers and stakeholders) assembling problem-solving teams to find rational, economical, and effective ways of dealing with pests. My goals for extending information to NYS grape growers will be based on the use of already existing educational tools such as VineBalance to train, agree and strengthen on different IPM practices available. In addition to conventional tools such as webinars, workshops, field days and field visits; major efforts will be oriented towards the establishment of an IPM action committee, that meets regularly every three to four months, making use of a hybrid mix of in-person attendees and remote meeting participants, so discussion is available on new developments on research. This task-oriented working group will emphasize the idea that inclusion is strategic in promoting plant health in the industry, so efforts will be directed to expand the program to underrepresented groups, such as minorities/Hispanics, meaning that bilingual English/Spanish materials will be always available, but also the chances to integrate different cultural background will be possible through or continuous effort of reaching out all interested clientele in the NYS viticulture industry.

Feedback survey link - https://cornell.ca1.qualtrics.com/jfe/form/SV_42wfEfsvolAwEei
Seminar recording - <https://vimeo.com/788309768/f8b3dd260e>

Successful IPM implementation approaches in modern agriculture

Dr. Katchen Julliany Pereira Silva

The technological advancements in agriculture have positively impacted the decision-making components of Integrated pest management (IPM) and raised the importance of properly adjusting extension and outreach approaches, strengthening partnerships with growers, and promoting interdisciplinary and multicultural collaborations. In this presentation, Dr. Silva will share strategies and the innovative ways she adopted to guide IPM projects and extension and outreach efforts in the current agricultural scenario. In addition, she'll demonstrate how human and social aspects can influence the successful implementation of IPM practices and how to conduct educational and communication activities in an inclusive and accessible manner

Feedback survey link - https://cornell.ca1.qualtrics.com/jfe/form/SV_eVir2CWWzXeAyay
Seminar recording - <https://vimeo.com/788325929/8b14c2a4ac>

CORNELL COOPERATIVE EXTENSION POSITION DESCRIPTION

Extension Associate

Working Title: Grape IPM Extension Educator
CLASSIFICATION: CAO7

Names and titles of immediate supervisors:

Juliet Carroll, Fruit IPM Coordinator, New York State IPM Program
Alejandro Calixto, Director, New York State IPM Program

Summary statement of purpose and responsibilities

This 1.0 FTE position provides regional and statewide leadership for planning, conducting, and evaluating a comprehensive educational and applied research program in Integrated Pest Management (IPM) for the commercial grape industry, focusing 85% on labrusca and 15% on hybrid and vinifera types.

Specific job functions and responsibilities

A. Program Development

20%

Provide leadership for the development of regional and statewide plans for IPM educational outreach programs in grapes. With recommendations and advice from the Cornell NYS IPM Program, extension staff, grape faculty, and program advisory committees, identify program needs and opportunities, and conduct educational outreach programs. Provide direct linkage with the NYS IPM Program, the Fruit IPM Working Group, appropriate CCE Program Work Teams and appropriate Cornell faculty and staff. Ensure that program direction and related activities are coordinated within the overall plans of area extension programs and extension associations. Develop and enhance relationships with appropriate agencies, organizations, and community leaders as a pest management resource through newsletters and other social media; applied research and demonstration projects; innovative teaching and learning opportunities; and one-to-one communications as needed for trouble shooting and problem solving.

C. Program Implementation

35%

Provide regional (Lake Erie region including Erie County, PA) and statewide (NY) leadership for efforts that develop, demonstrate, and evaluate educational programs with emphasis on IPM. The program will emphasize using methods and materials that result in a minimized use of pesticides while still maintaining crop quality and farm profitability.

Provide leadership in the development of IPM training manuals, fact sheets, scouting forms, charts, audio-visual aids, etc. Provide leadership in the development and maintenance of IPM content on the Electronic Crop Update, the Lake Erie Regional Grape Program web site, NYS IPM web site, and other internet resources, as appropriate. Provide statewide and regional updates to the NY and PA Pest Management Guidelines for Grapes.

Work with Lake Erie Regional Grape Program (LERGP) Team, supervised by Jennifer Russo, LERGP Team Leader, to provide educational outreach and implementation of VineBalance (www.vinebalance.com/). This program is a joint effort by the wine and juice grape industry, Cornell Cooperative Extension, and the New York State Department of Agriculture and Market's Soil and Water Conservation Committee to define and promote the use of sustainable growing practices on the 33,000 acres of vineyards in New York. The program's major goals are to promote and document grape production practices that:

- Protect the environment (specifically water quality and soil health).
- Protect the health of workers, neighbors, and consumers.
- Increase or maintain the profitability of grape production.

Implement a grower self-assessment to document sustainable practices already in use and promote further adoption of new practices. Work with the grape industry, using VineBalance as an educational tool, a method for determining baseline practices, fostering adoption of advanced IPM practices, and a vehicle to evaluate the impact of VineBalance for enhancing the economic, environmental and social sustainability of New York State's viticulture industry.

Provide research-based knowledge through educational activities for members of the grape extension teams and other extension staff, private consultants, industry representatives, growers and others through a variety of means including but not exclusive to direct teaching through group experiences (meetings, workshops, etc.) and mass media (webinars, podcasts, print, etc.)

Ensure a major program emphasis on the demonstration and adoption of IPM principles and practices. Analyze and evaluate major program efforts in cooperation with extension staff and if needed make recommendations for altering and improving them.

D. Applied Research

25%

Conduct applied research designed to fill knowledge gaps in grape IPM. Work with appropriate grape research scientists, staff, and producer groups in both NY and PA, to establish priorities for IPM research. Actively pursue outside grant funds to support the on-going applied research efforts.

E. Program Evaluation

15%

Develop and communicate IPM program evaluation options to ensure the documentation of IPM impacts to grape production. Regularly communicate grape IPM activities and impacts to IPM Program Coordinators, faculty, extension staff, program advisory committee members, growers, and private consultants. Prepare annual reports on program progress and impacts for local, state, and federal levels. Monitor program to insure that educational content conforms to policies and objectives of Cornell University.

F. Professional Improvement

5%

Participate in required extension system orientation programs. Attend in-service education and other professional improvement opportunities as needed in relation to program responsibilities. Be involved in professional organizations. File professional improvement plan and constructively evaluate selfperformance for improvement and subject matter excellence.

Supervision

Program and Administrative direction and guidance provided by the Fruit IPM Coordinator in conjunction with the Team Leader for the Lake Erie Regional Grape Program, the NYS IPM Program Director, and the Cornell Cooperative Extension Program Leader for Agricultural & Food Systems Sustainability.

May provide direct supervision for project personnel.

Administrative and program relationships

Internal - Participate in IPM and extension educator staff meetings. Cooperate with other extension staff and Cornell faculty to develop joint efforts at the area level. Work closely with area and/or association pest management program advisory committees.

External - Develop and maintain effective working relationships with agribusiness (private consultants), industry organizations, and community leaders.

Key knowledge, skills, and abilities required to perform the work of this position

Demonstrated leadership in defining, conducting, and interpreting applied research/demonstration projects.

Demonstrated ability to pursue grant funding.



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ASEV-ES Presents *Grapevines to Wines* "Hang Time"

Hello! The American Society for Enology and Viticulture-Eastern Section invites you to attend our first virtual session with updates from the U.S. grape and wine industry. During the monthly "Hang Time" sessions (11:30-12:30 EST), university or industry researchers will give updates on timely topics related to viticulture and enology fields. This is our way to share the wealth of knowledge in our Society and to network within our growing wine industries. Attendees to each session will have the opportunity to ask questions. If the information shared is relevant to your organization, then we'd love to invite you to our annual conference which will be in Austin, Texas in June!

Please use this QR code for this clickable link to access the virtual meeting room. This will be the same link used each time so don't lose this email! Please see the schedule on the next page!

Please follow this link- <https://zoom.us/j/95198607245?pwd=bXpNL2E5Zm1jazFuYkZ3elpLSSs3dz09>
or scan the QR code below:



AMERICAN SOCIETY FOR
ENOLOGY AND VITICULTURE
Eastern Section

Grapevines to Wine "Hang Time"

Lunch Hour Schedule

- January 18, 2023: Volunteers from the Board-Welcome to "Hang Time" with ASEV-ES *Grapevines to Wines* lunch hour. Who we are and why you should tune in for our upcoming series!
- February 15, 2023: Michela Centinari, Penn State University-"Frost Damage...your vines are damaged; now what?" The antecedent to what to do after the frost damage leads to the basic avoidance tactic: "...and what is the Spring Frost Index?"
- March 22, 2023: Phil Brannen, University of Georgia Small Fruit Plant Pathologist-You might as well be spraying water if you're not checking for resistance.
- April 12, 2023: Justin Scheiner, Texas A&M-What to expect for this year's ASEV-ES Conference in Austin, and why you should come visit the heartland.
- May 17, 2023: Patricia Skinkis, Oregon State University, Viticulturist; and Gill Giese, New Mexico University- "Signature Wine"-what is it? Does a region set out to produce such an animal or do the best ones 'evolve'...?
- June 7-10, 2023: ASEV Conference in Austin, TX
- July 19, 2023: Speaker TBA. Blending fruits for value-added wines.
- August 16th, 2023: Speaker TBA. Top most common mistakes when making wine. To hang, or not to hang? Are we really compromising phenols for just Brix?
- September 13, 2023: Speaker TBA. Leaf change in the fall...is this a sign of healthy or unhealthy vines? We'll dig deeper into Grapevine Red Blotch and Crown gall--who's at risk?
- October 18, 2023: Speaker TBA. Losing yield from deadwood? It's all about the cut.
- November 14, 2023: Speaker TBA.-Combating the extremely cold temps. It's all about the genetics.
- December 6, 2023: Speaker TBA. Join our table of experts in discussion about Grapes of the South. Exploring the unknown? Where are we in variety trials? Who's tried what?



AMERICAN SOCIETY FOR
ENOLOGY AND VITICULTURE
Eastern Section

NYSDEC HOW TO GET CERTIFIED COURSE

WHEN:

March 23, 2023
10am - Noon

WHERE:

Cornell Lake Erie Research
& Extension Laboratory
6592 W Main Road
Portland, NY 14769

EXAM DATE:

March 30, 2023
9:30am Start Time
Same Location

DISCUSSION TOPICS

NYS Pesticide
Laws & Regulations
Certification
Requirements
Certification Exam
Process
EPA Worker Protection
Standard (WPS)

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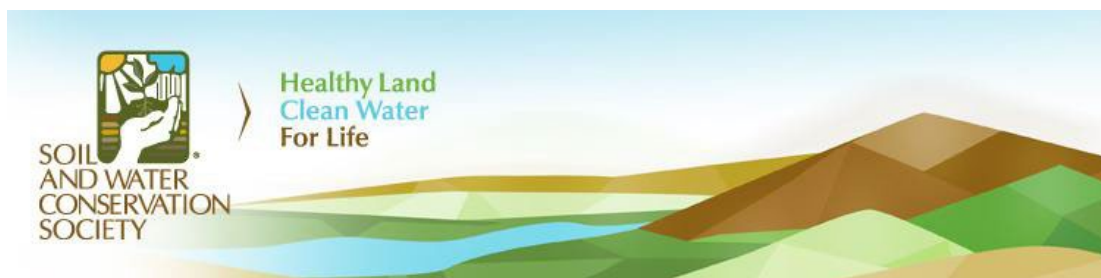
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Grape Program

New York State DEC
Bureau of Pesticides
Management

TO REGISTER



Kate Robinson
716-792-2800 x201



Empire State Chapter – Soil and Water Conservation Society Annual Meeting

Innovations in Agriculture Extension

January 24, 2023

8:00am – 3:00pm

Cayuga County Soil and Water Conservation Building
7413 County House Road Auburn, New York 13021

Location: <https://goo.gl/maps/yAx9A81wBHcSFA3J8>

Online Registration Link: bit.ly/EmpireSWCS2023

8:00 a.m – 9:30	Registration
8:30 – 9:30	Empire Chapter SWCS Business Meeting & Election of Officers
9:30 – 9:45	Welcome & Introductions
9:45 – 10:20	Farm Drainage: The Present and Future of Drain Tile <i>Chad Klotzbach, Managing Partner, Alleghany Services</i>
10:20 – 10:50	Using Technology in Farm Conservation Planning and Implementation <i>Tim Lewis, Customer Success Consultant, Dairy One</i>
10:50 - 11:00	Break
11:00 - 12:00	Biochar: An Introduction and Applications to Agricultural Soils <i>Deborah Aller, PhD, Extension Associate, Cornell University</i>
12:00 – 1:00	Catered lunch by TBD
1:00 – 1:55	Behavioral Science of Agricultural Practice Change <i>Marissa Jordan, Project Liaison Officer, Evidn</i>
2:00 --	Brief Discussion & Adjourn

Available CCA Credits:

Soil & Water Management - 0.5

Professional Development - 1.5

Crop Management - 1.0

Updates and Information

Kimberly Knappenberger, Viticulture Assistant, LERGP

NEWA

We left the office before Christmas break with all but the Brant station reporting – don't even get me started on that one!

Knowing that we were going to be hit with some intense cold and then a swing back up, I wanted to be sure that all of the stations across the region would be able to accurately record at least temperature. There is some estimated data on the NEWA website, but this gives you a good idea of what happened across the belt. The low temperatures were recorded on December 23rd in the afternoon and the high temperatures were recorded on December 30th also in the afternoon.

Station Name	Low	High
Ransomville	10.1	57.5
Versailles	-0.3	62.6
Sheridan	1	63.1
Silver Creek (Double A)	1.4	65.8
Silver Creek (RT5)	1.9	64.2
Hanover	1.2	61.6
Forestville	0.5	61.7
East Fredonia	0.4	61.4
Brocton	-0.1	61.4
Portland	-1.6	62.6
Portland LERGP West	0.3	62.8
East Westfield	-0.6	62.7
Westfield	0.5	64.3
Westfield (South)	0.1	63.3
Ripley	-0.5	63.7
Ripley (State Line)	-0.4	64.2
Ripley Escarpment	-0.9	62.7
North East (State Line)	-2.9	62
North East Lab	-0.4	64
North East Escarpment	-1.6	63.3
North East (Side Hill)	-2.3	62.9
Harborcreek Escarpment	-3.1	61.8
Harborcreek	-0.2	64.8
Lake City	-1.3	63.2

Currently there are a few stations that are having some issues with reporting due to the batteries.



The temperature and relative humidity sensor has been replaced on the Silver Creek (RT5) station and now I am troubleshooting the reason that it is not reporting on NEWA. As far as Brant is concerned, I am hoping that the datalogger will be coming back in the near future so we can get it hooked back up. No news yet.

Figure 1 Silver Creek (RT 5) Onset HOB0 station

Vineyard Improvement Program



This program is in the process of being extended. More details will be available soon. In the meantime, we have received a couple more applicants to the program and are looking forward to helping these applicants improve their sites so that they can move forward on implementing their business plans to make good use of the land they have.

