

Cooperative Extension of Atlantic County 6260 Old Harding Highway Mays Landing, NJ 08330-1533

njaes.rutgers.edu/extension

609-625-0056 Fax: 609-625-3646

## **BLUEBERRY OPEN HOUSE** February 14, 2024

Dear Growers:

This year we are holding our BLUEBERRY OPEN HOUSE at Frog Rock Golf & Country Club, 420 Boyer Avenue, Hammonton, NI, 08037. Enclosed is the program that has been organized to include valuable information from many sources. I hope you will schedule this meeting on your calendar. Frog Rock Country Club is accessible to the handicapped. Please take note to the new directions about registering and paying online this year. The information you will need is on the next page. The Blueberry Bulletin 'Reader Survey' as always is on the last page. Please take a minute to fill it out. Thank you and we hope to see you there!

- 9:00 Registration: Coffee and Danish 9:30 'Your Blueberries in your Census of Agriculture'- Bruce Eklund, NASS-USDA 'What is new in the IPM program' - Carrie Mansue, Sr. Program Coordinator, Rutgers Cooperative Extension 10:10 'USDA Blueberry Breeding: Where we are / where we're going' - Mark Ehlenfeldt, USDA-ARS 10:30 'Next generation blueberry breeding at Rutgers' – Gina Sideli, Specialist in blueberry/cranberry breeding, Rutgers Cooperative Extension 10:50 Update from Industry Vendors - Break 'Update on insecticides and new strategies for controlling insect pests' - Cesar Rodriguez-Saona, Specialist in Entomology, Rutgers 11:00 **Cooperative Extension** 11:20 'Addressing pollination needs in New Jersey blueberries' – Beth Ferguson, Jack Collins, James Shope, and Cesar Rodriguez-Saona, Rutgers Cooperative Extension 'Pesticide Safety & Compliance Tools for Blueberry Growers and Applicators', Patricia Hastings, Rutgers Cooperative Extension Pesticide Safety Education Program Coordinator 12:10 Lunch 'What we're learning about blueberry soil health' - Dr. Gary C. Pavlis, Dr. Peter Oudemans, Dr. Cesar Rodriguez-Saona, Dr. Thierry 1:10 Besancon, Carrie Mansue, Dr. James Polashock, Rutgers Cooperative Extension and USDA-ARS. 1:30 'Improvement of blueberries in the genomic era' - Dr. James Polashock, Plant Pathology, USDA-ARS 'Commercial container grown blueberries - methods and tools', Bill Sciarappa, Rutgers Cooperative Extension 1:50

  - 2:10 'Introduction to the USDA blueberry/cranberry pre-breeding program'- Jeffrey Neyhart, Research Geneticist, USDA-ARS
  - 2:30 'Update on weed management studies for New Jersey highbush blueberry' Thierry Besancon, Specialist in Weed Science, Rutgers **Cooperative Extension**
  - 2:50 'Disease Management Strategies 2024'- Dr. Peter Oudemans, Specialist in Plant Pathology, Rutgers Cooperative Extension
- 3:10 'Mitigating blueberry scorch virus using autonomous drones and artificial intelligence' Hieu D. Nguyen Professor Dept. of Mathematics, Rowan University
- 3:30 Adjourn: Pesticide Re-certification Credits

#### BLUEBERRY OPEN HOUSE

## Frog Rock Golf & Country Club, 420 Boyer Avenue, Hammonton, NJ 08037 February 14, 2024

Beginning this year we will be implementing a new method of registration and payment. They will both be taken online.

This new system will allow you to pay by debit/credit card or e-check. We feel this will be a much simpler process for all involved.

The website is called ANCOR and you will log in following the directions to create an account. <a href="https://ce-catalog.rutgers.edu/coursedisplay.cfm?schID=91197">https://ce-catalog.rutgers.edu/coursedisplay.cfm?schID=91197</a>

Here are the directions to set up your account should you have any questions.

Online Registration Instructions (site.com)

If you need any assistance with this new process, please don't hesitate to reach out. (Lori-609-625-0056)

## The new prices will be as follows:

Growers - \$75.00 Rutgers Staff and Interns - \$40.00 Vendors - \$150.00

# THE BLUEBERRY BULLETIN Update 2024

The Blueberry Bulletin is a seasonal weekly newsletter beginning in late March and ending in late Summer.



The Blueberry Bulletin will be available from this point forward via email or online at:

https://njaes.rutgers.edu/blueberry-bulletin/.

Please be sure we have your email address to send it to you.

Dr. Gary C. Pavlis County Agricultural Agent RCE - of Atlantic County 6260 Old Harding Highway Mays Landing, NJ 08330

## THE BLUEBERRY BULLETIN

### READER SURVEY

	o you find <i>The Blueberry Bulletin</i> newsletter USEFUL? Yes omments						
	the information in the newsletter TIMELY for your purposes? ery timely; somewhat timely; not timely						
	o you READ <i>The Blueberry Bulletin</i> (check all those that apply): egularly; occasionally; never; as soon as I rec	ceive it	_•				
	o you SHARE INFORMATION in <i>The Blueberry Bulletin</i> with y es; No If yes, how may people?	our custome	rs, clien	ts or col	leagues	?	
. Is	the TECHNICAL DETAIL of the articles: about right; too	detailed	; not	enough	detail _	·	
	re the TOPICS in the newsletter meeting your needs? Always/hat topics are missing?				r		
'. D	o you USE IPM practices in your business? Always; some	times;	never_	·			
. If	you use or recommend IPM practices does The Blueberry Bulleti	n ASSIST Y	OU in u	sing IPI	M? Yes		; No
(c	As a result of reading the newsletter have you CHANGED OR SEEN CHANGES in any of the following:  (check those that applies) Greater profitability; reduced costs; increased sales; reduced labor;  (increased yields; increased IPM practices; reduced fertilizer usage; Improved plant or crop quality  ncreased efficiency; reduced pesticide use						
	creased efficiency; reduced pesticide use						
in 0. Pl (C	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> information in the least useful and N/A if the information in the least useful and N/A if the information is the least useful and N/A if the information is the least useful and N/A if the information is the least useful and N/A if the information is the least useful and N/A if the information is the least useful and N/A if the information is the least useful and N/A if the information is the least useful and N/A if the information is the least useful and N/A if the information is the least useful and N/A if the information is the least useful and N/A if the information is the least useful and N/A if the information is the least useful and N/A if the information is the least useful and N/A if the information is the least useful and N/A if the information is the least useful and N/A if the information is the least useful and N/A if th						
in 0. Pl (C	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> information circle '5' as most useful and '1' as least useful and N/A if the information opics	mation doesn Very		to your	busines ot		Does no
in ). Pl (C	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> information in the circle '5' as most useful and '1' as least useful and N/A if the information in the circle '5' as most useful and '1' as least useful and N/A if the information in the circle '5' as most useful and '1' as least useful and N/A if the information in the circle '5' as most useful and '1' as least useful and N/A if the information in the circle '5' as most useful and '1' as least useful and N/A if the information in the circle '5' as most useful and '1' as least useful and N/A if the information in the circle '5' as most useful and '1' as least useful and N/A if the information in the circle '5' as most useful and '1' as least useful and N/A if the information in the circle '5' as most useful and '1' as least useful and N/A if the information in the circle '5' as most useful and '1' as least useful and N/A if the information in the circle '5' as most useful and '1' as least useful and N/A if the information in the circle '5' as most useful and '1' as least useful and N/A if the information in the circle '5' as most useful and '1' as least useful and N/A if the information in the circle '5' as most useful and '1' as least useful and '1' as leas	Wery useful	't apply	to your No us	busines ot eful	s.)	apply
in ). Pl (C Te	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> informatic Circle '5' as most useful and '1' as least useful and N/A if the informatic opics  Pest Management Updates  IPM	Very useful 5	't apply	to your Notes	busines ot seful 2	s.)	apply N/A
in ). Pl (C Te	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> information in the information opics  Pest Management Updates  IPM Diseases	Very useful 5	't apply	No us	busines ot seful 2 2	s.)	apply N/A N/A
in ). Pl (C Te	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> information in the information opics  Pest Management Updates  IPM  Diseases Insects	Very useful 5 5 5	t apply	No your No us 3 3 3 3 3	busines ot seful 2 2 2	s.)	apply N/A N/A N/A
in  O. Pl  (C  Te	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> information in the control opics  Pest Management Updates  IPM  Diseases  Insects  Weeds	Very useful 5 5 5 5 5	4 4 4 4	No us 3 3 3 3 3 3 3	busines ot seful 2 2 2 2	s.)	apply N/A N/A N/A N/A N/A
in O. Pl (C To	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> information in the circle '5' as most useful and '1' as least useful and N/A if the information opics  Pest Management Updates  IPM  Diseases  Insects  Weeds  Pesticides	Very useful 5 5 5 5 5 5 5 5 5	4 4 4 4 4	No your No us 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	busines  ot seful 2 2 2 2 2 2	s.)  1 1 1 1 1 1	apply N/A N/A N/A N/A N/A N/A
in  O. Pl  (C  To	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> information circle '5' as most useful and '1' as least useful and N/A if the information opics  Pest Management Updates  IPM Diseases Insects Weeds Pesticides Weather	Very useful 5 5 5 5 5	4 4 4 4	No us 3 3 3 3 3 3 3	busines ot seful 2 2 2 2	s.)	apply N/A N/A N/A N/A N/A
in O. Pl (C To	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> informatic Circle '5' as most useful and '1' as least useful and N/A if the informatic opics  Pest Management Updates  IPM Diseases Insects Weeds Pesticides Weather Crop/Plant Management	Very   useful     5     5     5     5     5     5     5     5     5     5     5     5     5     5     5     5     5     5       5	4 4 4 4 4 4 4 4	No your No us 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	busines ot reful 2 2 2 2 2 2 2	s.)	apply N/A N/A N/A N/A N/A N/A N/A
in ). Pl (C Te	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> informatic Circle '5' as most useful and '1' as least useful and N/A if the information opics  Pest Management Updates  IPM Diseases Insects Weeds Pesticides Weather Crop/Plant Management Varieties	Very useful 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	No. 13 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	busines out peful 2 2 2 2 2 2 2 2 2	s.)  1 1 1 1 1 1 1 1	apply N/A N/A N/A N/A N/A N/A N/A N/A N/A
in  O. Pl  (C  To	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> informatic Circle '5' as most useful and '1' as least useful and N/A if the informatic popics  Pest Management Updates  IPM Diseases Insects Weeds Pesticides Weather Crop/Plant Management Varieties Soils, Mixes & Fertility	Very useful 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	No your No us 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	busines  ot      eful	s.)  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	apply N/A
in  O. Pl  (C  To	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> information circle '5' as most useful and '1' as least useful and N/A if the information opics  Pest Management Updates  IPM  Diseases Insects Weeds Pesticides Weather Crop/Plant Management Varieties Soils, Mixes & Fertility Cultural Practices	Very	4 4 4 4 4 4 4	N us 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	busines  ot   eful   2   2   2   2   2   2   2   2   2	s.)  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	apply N/A
in ). Pl (C Te	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> information circle '5' as most useful and '1' as least useful and N/A if the information opics  Pest Management Updates  IPM Diseases Insects Weeds Pesticides Weather Crop/Plant Management Varieties Soils, Mixes & Fertility Cultural Practices Irrigation	Very   useful     5     5       5         5	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	No your No us 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	busines  ot seful  2  2  2  2  2  2  2  2  2  2  2  2  2	s.)  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	apply N/A
in (C) (C) (A)	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> informatic Circle '5' as most useful and '1' as least useful and N/A if the informatic propics  Pest Management Updates  IPM Diseases Insects Weeds Pesticides Weather Crop/Plant Management Varieties Soils, Mixes & Fertility Cultural Practices Irrigation Plant Diagnostic Lab Update	Very	4 4 4 4 4 4 4	N us 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	busines  ot   eful   2   2   2   2   2   2   2   2   2	s.)  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	apply N/A
in ). Pl (C Te	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> informatic Circle '5' as most useful and '1' as least useful and N/A if the informatic propics  Pest Management Updates  IPM Diseases Insects Weeds Pesticides Weather Crop/Plant Management Varieties Soils, Mixes & Fertility Cultural Practices Irrigation Plant Diagnostic Lab Update Farm/Business Management	Very useful 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	No your No us 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	busines  ot eful  2  2  2  2  2  2  2  2  2  2  2  2  2	s.)  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	apply  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/
in (C) (C) (A)	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> informatic Circle '5' as most useful and '1' as least useful and N/A if the informatic propics  Pest Management Updates  IPM Diseases Insects Weeds Pesticides Weather Crop/Plant Management Varieties Soils, Mixes & Fertility Cultural Practices Irrigation Plant Diagnostic Lab Update Farm/Business Management Ag Safety	Very useful 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	No your No us 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	busines  ot reful  2  2  2  2  2  2  2  2  2  2  2  2  2	s.)  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	apply N/A
in 0. Pl (C To a)	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> informatic Circle '5' as most useful and '1' as least useful and N/A if the informatic propics  Pest Management Updates  IPM Diseases Insects Weeds Pesticides Weather Crop/Plant Management Varieties Soils, Mixes & Fertility Cultural Practices Irrigation Plant Diagnostic Lab Update Farm/Business Management Ag Safety Labor	Very useful 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	New 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	busines  ot reful  2  2  2  2  2  2  2  2  2  2  2  2  2	s.)  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Apply   N/A   N/
in 0. Pl (C To a)	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> information circle '5' as most useful and '1' as least useful and N/A if the information opics  Pest Management Updates  IPM Diseases Insects Weeds Pesticides Weather Crop/Plant Management Varieties Soils, Mixes & Fertility Cultural Practices Irrigation Plant Diagnostic Lab Update Farm/Business Management Ag Safety Labor Financial	Very   useful     5     5       5         5	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	New 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	busines  ot reful  2  2  2  2  2  2  2  2  2  2  2  2  2	s.)  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Apply   N/A   N/
in 0. Pl (C To a)	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> informatic Circle '5' as most useful and '1' as least useful and N/A if the informatic propics  Pest Management Updates  IPM Diseases Insects Weeds Pesticides Weather Crop/Plant Management Varieties Soils, Mixes & Fertility Cultural Practices Irrigation Plant Diagnostic Lab Update Farm/Business Management Ag Safety Labor	Very useful 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	New 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	busines  ot reful  2  2  2  2  2  2  2  2  2  2  2  2  2	s.)  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Apply   N/A   N/
in 0. Pl (C Te a)	lease rate the USEFULNESS of <i>The Blueberry Bulletin</i> information circle '5' as most useful and '1' as least useful and N/A if the information opics  Pest Management Updates  IPM Diseases Insects Weeds Pesticides Weather Crop/Plant Management Varieties Soils, Mixes & Fertility Cultural Practices Irrigation Plant Diagnostic Lab Update Farm/Business Management Ag Safety Labor Financial Marketing	Very	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Nus 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	busines  ot reful  2  2  2  2  2  2  2  2  2  2  2  2  2	s.)  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Apply   N/A   N/