

Agricultural Inputs Survey

PRESENTED BY:
**Morgan Griffith and
Stephanie Smith**







Round 2

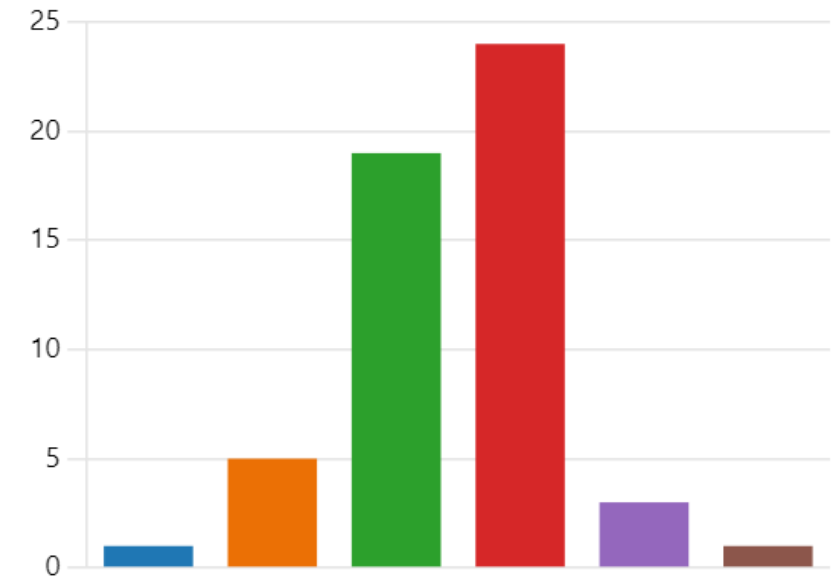
Received ~~49~~ 53 responses
Representing 14 counties

4 new responses:
1 certified small farm operation
3 small farm operation
(including 1 maple producer)

4. What size is your farm operation? (please self identify, for guidance go here, <https://agriculture.vermont.gov/water-quality/regulations>)





[More Details](#)

 Large Farm Operation	1
 Medium Farm Operation	5
 Certified Small Farm Operation	19
 Small Farm Operation	24
 I do not operate a commercial f...	3
 I do not know	1



10. What type of operation do you have?

[More Details](#)

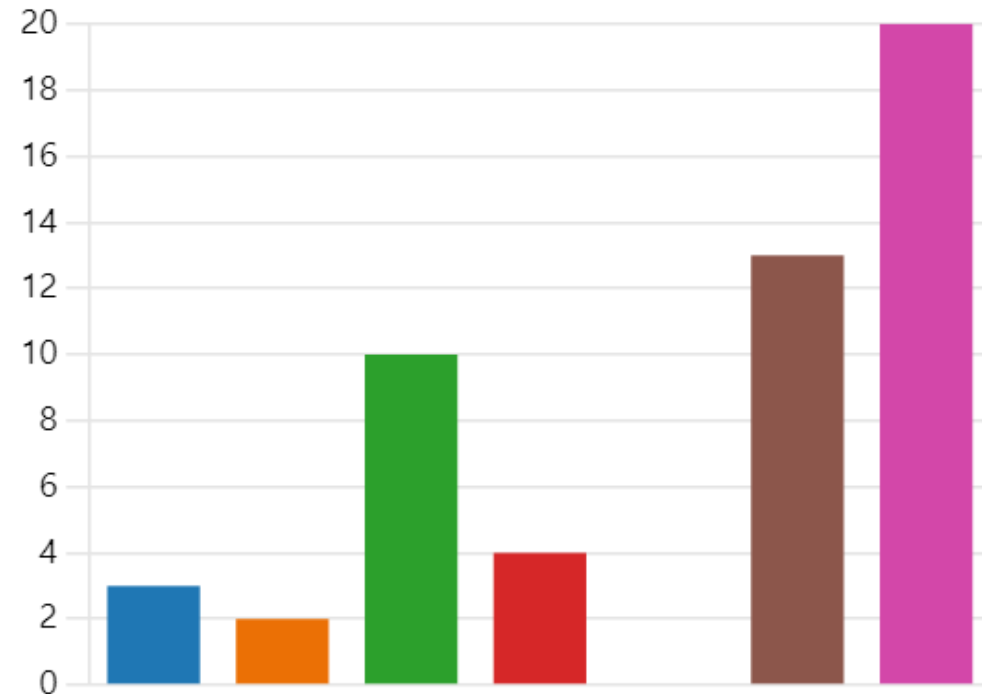
 Certified organic	9
 Non-certified organic	6
 Non-Organic	14
 Split farm/operation (Dual syste...	2



11. If you use treated seed, which kind do you use? (select all that apply)

[More Details](#)

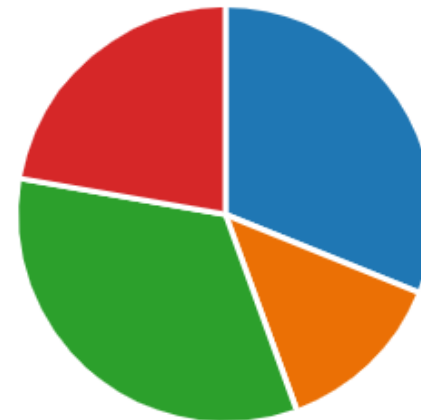
● Neonicotinoid treated seed	3
● Fungicide	2
● Inoculated seed	10
● Bio-stimulant treated	4
● Other treated seed, indicate the ...	0
● I don't know what treatments ar...	13
● Other	20



12. If you could purchase a treated seed without a neonicotinoid insecticide, would you? (if you would like to elaborate use the "Other" field)




[More Details](#)

● Yes	14
● No	6
● I don't know	15
● Other	10



13. If you could obtain a custom pesticide seed treatment would this interest you?

[More Details](#)

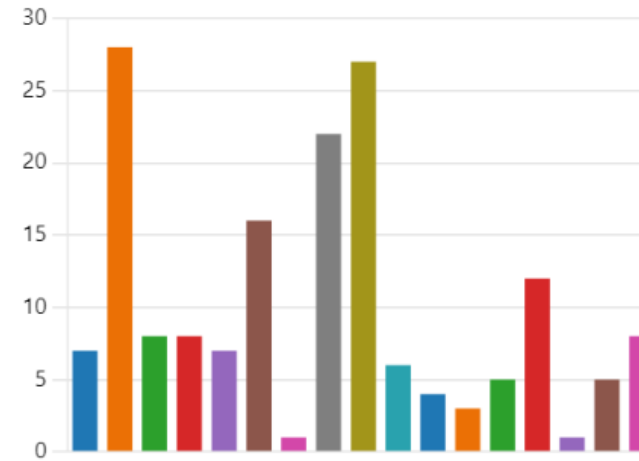
 Yes	13
 No	16
 Don't know	15



15. What types of agricultural plastic do you use on your farm? (select all that apply)

[More Details](#)

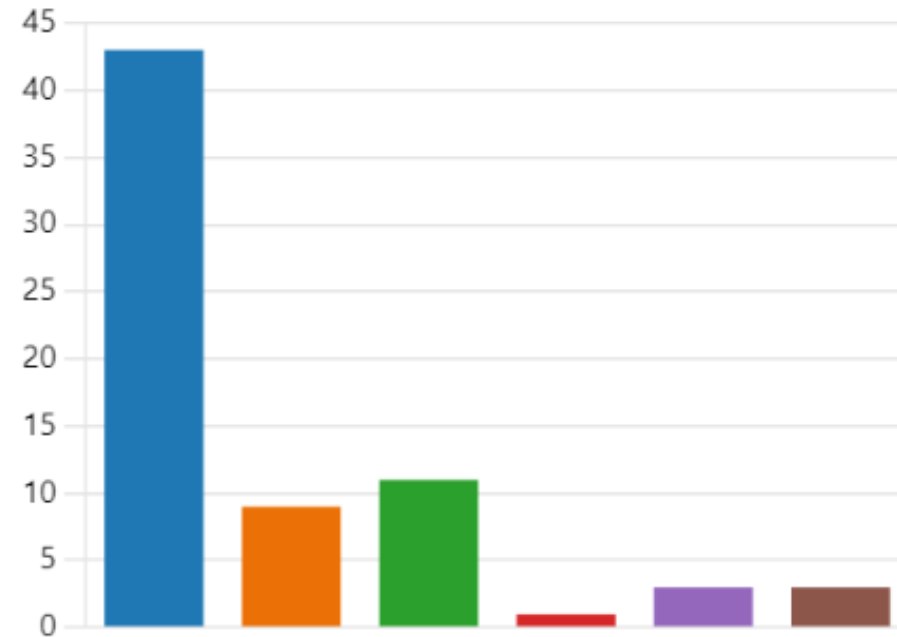
● Plastic mulch	7
● Round bale wrap	28
● Plastic nursery pots and trays	8
● Drip irrigation tape or tubing	8
● Green and hoop house covers	7
● Bunker silo covers	16
● Silage tubes	1
● Feed and pellet bags	22
● Bale netting/twine	27
● Maple/tubing mainline	6
● Fruit netting	4
● Hoof blocks	3
● Weed tarps	5
● Coverall barn/structure	12
● Polycarbonate panels	1
● Trellising material/clips	5
● Other	8



16. How do you manage agricultural plastic that is used on your farm? (select all that apply)

[More Details](#)

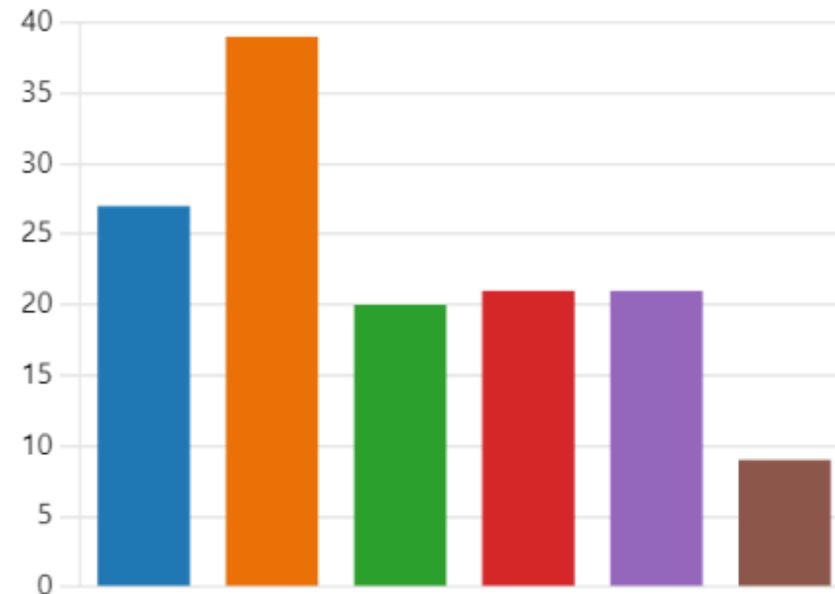
- Take it to the landfill/picked up ... 43
- Recycle with my solid waste dist... 9
- Sterilize and/or re-use 11
- Recycle with a market option 1
- Dispose of on farm 3
- Other 3



17. Would any of the following options persuade you to change current practices managing agricultural plastic? (select all that apply)

[More Details](#)

- Cost effective product alternative 27
- Convenient recycling option 39
- Incentivize alternative to landfilli... 20
- Viable alternative practice that d... 21
- OMRI approved bio-degradable... 21
- Other 9



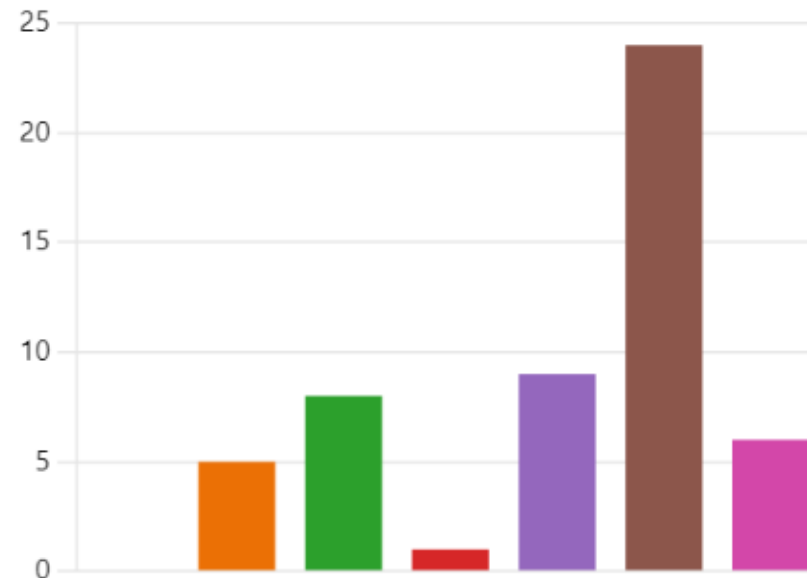
19. Estimate the ratio of synthetic to natural fertilizers used as inputs on your farm?

A **synthetic fertilizer** is any fertilizer manufactured from one or more synthetic materials containing no animal parts, animal by products, manures, or renderings. [AAPFCO, 2005].

A **natural fertilizer** is a substance composed only of natural organic and/or natural inorganic materials and natural fibers. [AAPFCO, 1993].

[More Details](#)

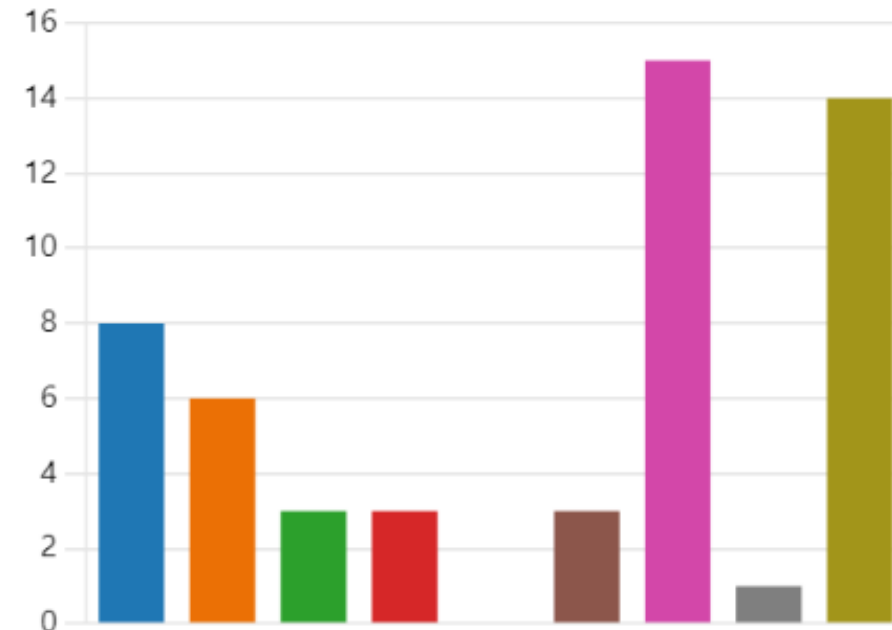
● 100% synthetic; 0% natural	0
● 75% synthetic; 25% natural	5
● 50% synthetic; 50% natural	8
● 25% synthetic; 75% natural	1
● 0% synthetic; 100% natural	9
● I use manure produced on or im...	24
● Other	6



20. Which agricultural technical service providers do you use?


[More Details](#)

● Extension specialists	8
● Private crop consultant	6
● Conservation district	3
● Industry sales consultant	3
● Farm Viability Program	0
● NOFA-VT	3
● Natural Resource Conservation ...	15
● Industry Associations (e.g., VVB...	1
● Other	14



7. In 2022 did you practice Integrated Pest Management (IPM) principles when making pesticide related decisions? (IPM means "a sustainable approach to managing pests by combining biological, cultural, physical, and chemical tools in a way that minimizes economic, health, and environmental risks", 7 U.S.C. § 136r)

[More Details](#)

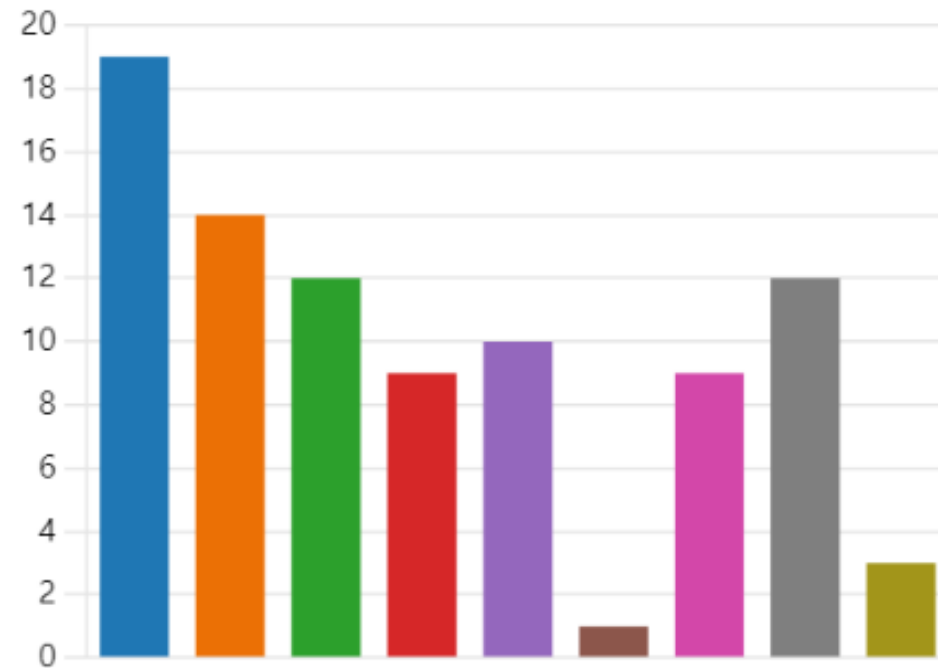
 yes	22
 no	21
 Not sure	10



8. What IPM strategies do you use? (select all that apply)

[More Details](#)

● Crop rotation	19
● Scouting for and identifying pests	14
● Selecting pest resistant crop va...	12
● Mechanical pest control methods	9
● Weather monitoring	10
● Automated decision support sys...	1
● Targeted pesticide selection	9
● Cultural practices (e.g., adjustin...	12
● Other	3



“we use parasitic wasps for fly control and hand pick potato beetles”

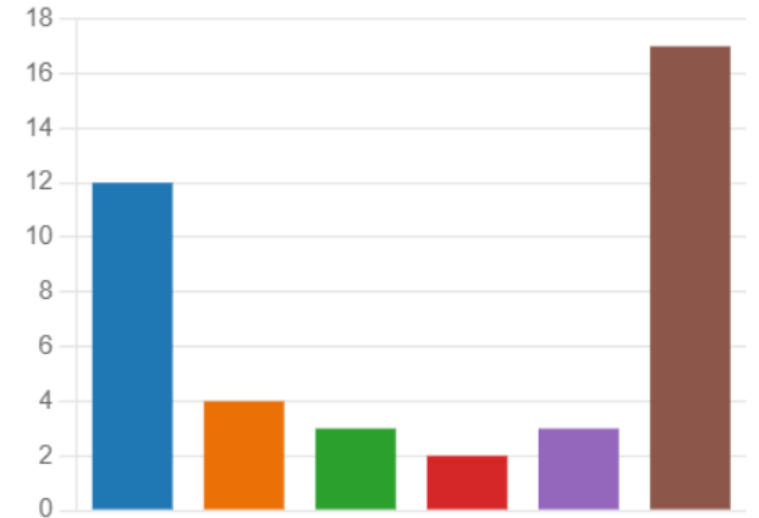
“management intensive rotational grazing”

“I don’t know”
 “Organic”
 “don’t use pesticide”
 “Again we are an organic dairy farm so we do not use any pesticides or fertilizers on our property”
 “We do not need to manage pests for our hay crop”
 “No”
 “None”
 “Don’t know what this is”
 “N/A”
 “We are organic and do not use pesticides”
 “If I had the need to use pesticides”
 “Don’t use pesticides”
 “Don’t use them”
 “No pesticides used”
 “Certified Organic”

9. What would encourage you to practice IPM principles in 2023? (select all that apply)






[More Details](#)

● Monetary incentives	12
● IPM certification training	4
● Regulatory incentives	3
● Market differentiation	2
● Improved access to markets	3
● Other	17



14. What types of pesticides (insecticide, fungicide, herbicide, etc) do you use?

[More Details](#)

 Pesticides suitable for organic p...	6
 Conventional pesticides	14
 Both organic and conventional ...	3
 I don't use pesticides	30
 I don't know	0



Questions?

Next Steps: include summary of results in AIB 2023 Annual Report