

Agricultural Inputs Survey

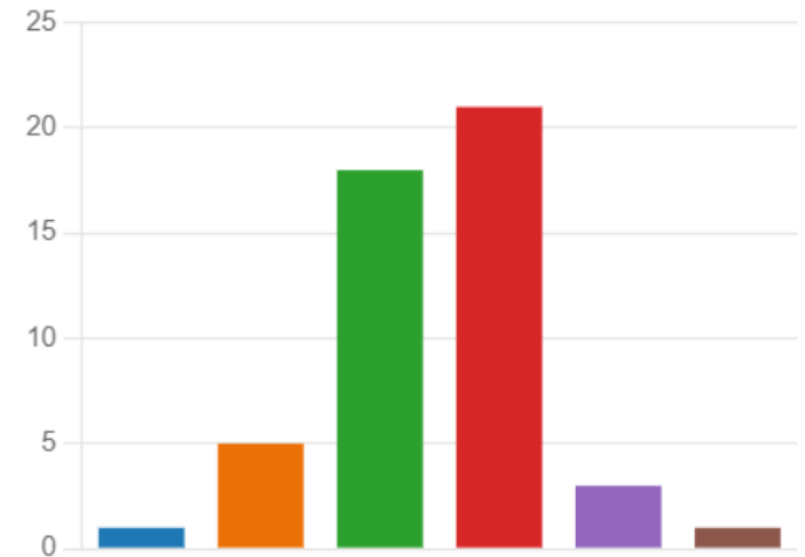
PRESENTED BY:
**Morgan Griffith and
Stephanie Smith**

Received 49 responses
Representing 14 counties

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	18
● Small Farm Operation	21
● I do not operate a commercial f...	3
● I do not know	1



10. What type of operation do you have?








[More Details](#)

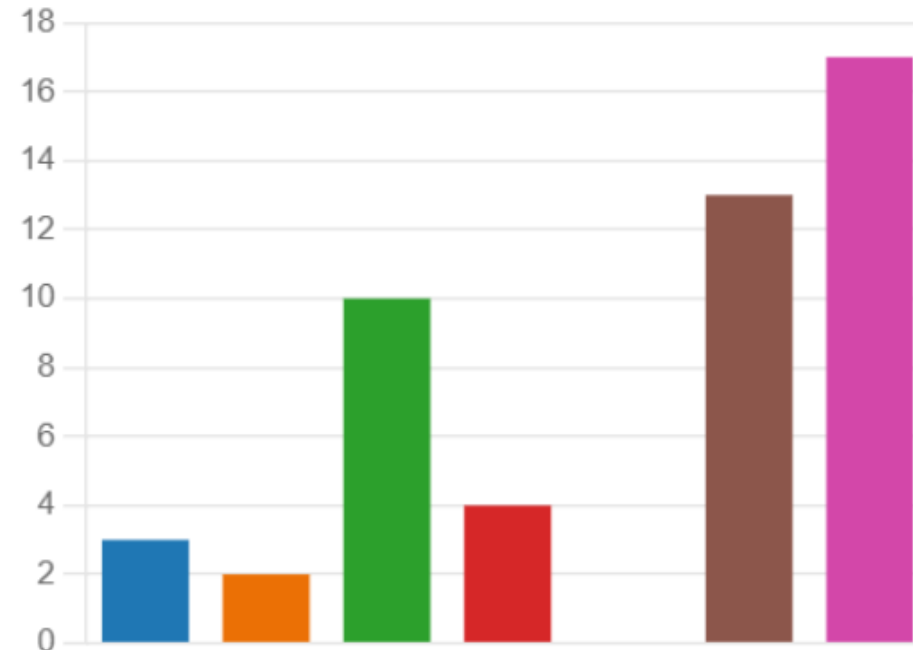
 Certified organic	8
 Non-certified organic	5
 Non-Organic	14
 Split farm/operation (Dual syste...	2



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	17



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	5
● I don't know	14
● Other	9



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

[More Details](#)

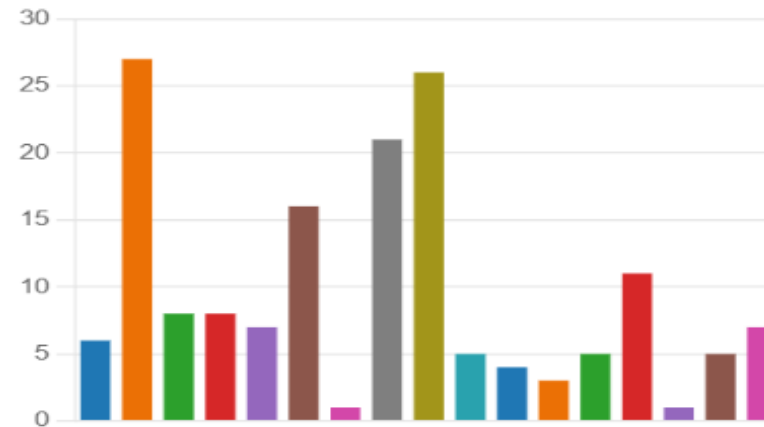
 Yes	13
 No	14
 Don't know	14



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

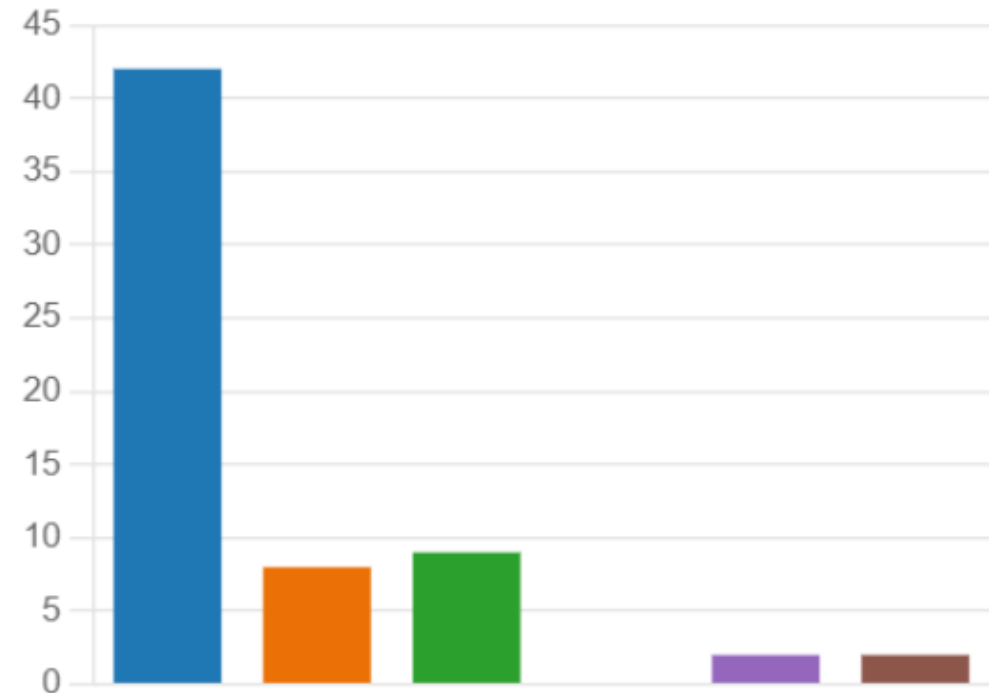
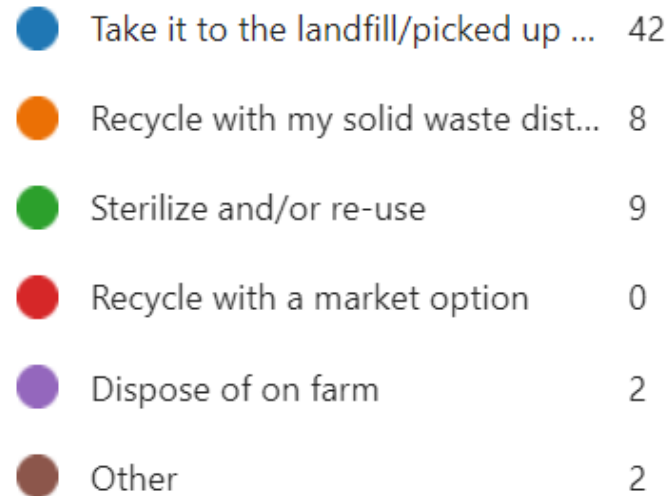
[More Details](#)

● Plastic mulch	6
● Round bale wrap	27
● 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	21
● Bale netting/twine	26
● Maple/tubing mainline	5
● Fruit netting	4
● Hoof blocks	3
● Weed tarps	5
● Coverall barn/structure	11
● Polycarbonate panels	1
● Trellising material/clips	5
● Other	7



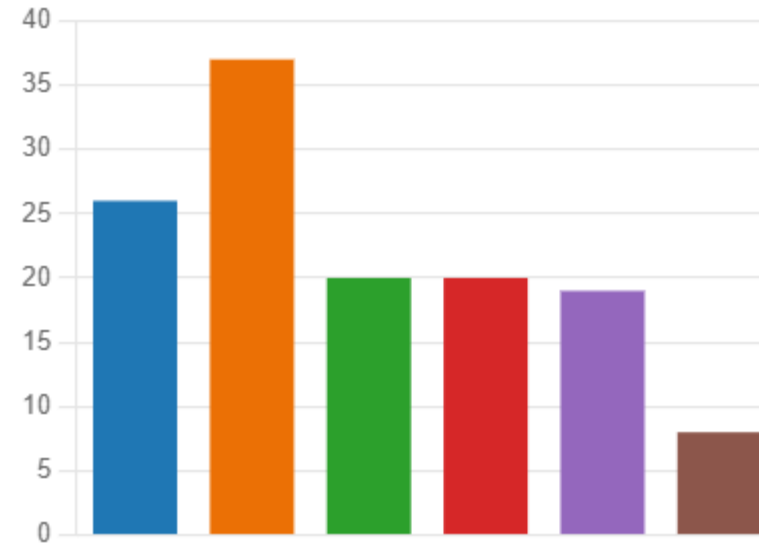
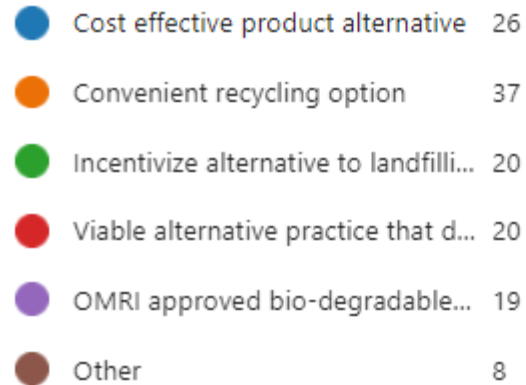
16. How do you manage agricultural plastic that is used on your farm? (select all that apply)

[More Details](#)



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

[More Details](#)



Row Labels	Count of ID
Cornell Soil Health test;	1
Cornell Soil Health test;Nutrient content or deficiencies;	1
I do not perform soil tests;	10
Nutrient content or deficiencies;	21
Nutrient content or deficiencies;also plant tissue testing;	1
Nutrient content or deficiencies;Cornell Soil Health test;	4
Nutrient content or deficiencies;Heavy metals ;	3
Nutrient content or deficiencies;Heavy metals ;Soil microbiology;Cornell Soil Health test;	1
Nutrient content or deficiencies;Requirement for NMP ;	1
Nutrient content or deficiencies;Soil microbiology;	2
Nutrient content or deficiencies;Soil microbiology;Cornell Soil Health test;	2
Soil analysis UVM;	1
Uvm;	1
Grand Total	49

“50/50 synthetic and manure produced on farm”
 “We use our own farm manure”
 “Use 100% natural & manure imported to the farm”
 “Don’t use any”
 “Compost produced on the farm”

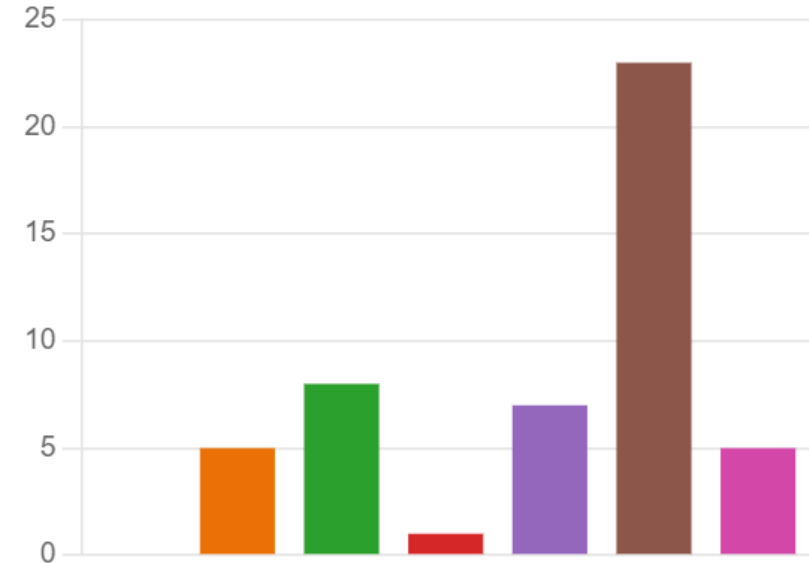
19. Estimate the ratio of synthetic to natural fertilizers used as inputs on your farm?

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	7
● I use manure produced on or im...	23
● Other	5



Agricultural Inputs


Agricultural Service Providers

● Extension specialists	6
● Private crop consultant	6
● Conservation district	3
● Industry sales consultant	3
● Farm Viability Program	0
● NOFA-VT	3
● Natural Resource Conservation ...	14
● Industry Associations (e.g., VVB...	1
● Other	13

Row Labels	Count of ID
1, 3, 5, 6 above (no private or industrial)	1
Conservation district	3
Couldn't select more than one, use all except for NOFa and industry associations excort	1
Extension specialist, Conservation District, NOFA-VT, NRCS & Industry Associations.	1
Extension specialists	6
Extension, Farm Viability, NOFA-VT, NRCS; would only let me choose one above.	1
Haven't gotten there yet, need to better understand options	1
Hobby Farm	1
Industry Associations (e.g., VVBGA, VTFGA, VGFA)	1
Industry sales consultant	3
Most of listed. Wont let me pick more than one option	1
Multiple	1
Natural Resource Conservation Service	14
Nmp and salesman	1
NOFA-VT	3
None	1
Other Farmers/Friends	1
plus NOfa, ext, and NRCS	1
Private crop consultant	6
We use several of the above: Extension, Industry, NOFA-VT, VVBGA	1
(blank)	
Grand Total	49

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](#)

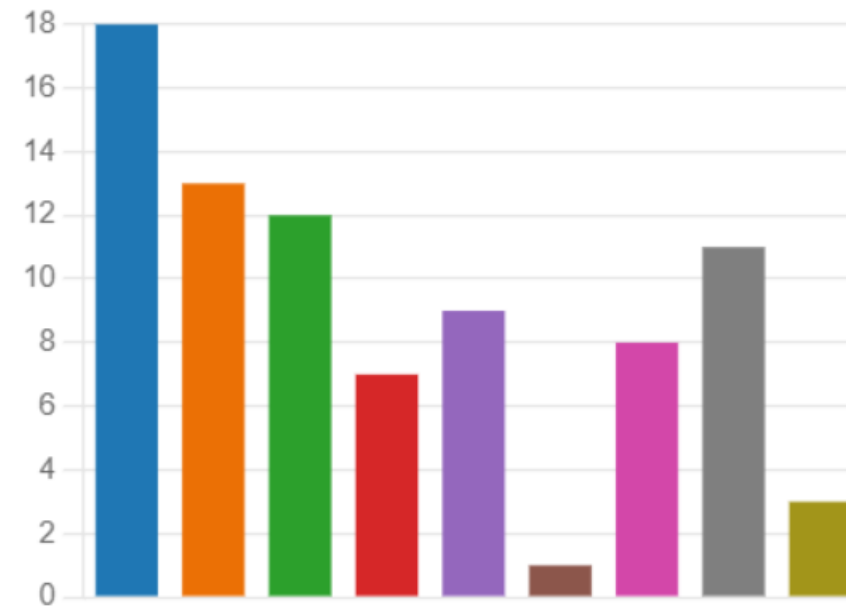
 yes	20
 no	19
 Not sure	10



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

[More Details](#)

● Crop rotation	18
● Scouting for and identifying pests	13
● Selecting pest resistant crop va...	12
● Mechanical pest control methods	7
● Weather monitoring	9
● Automated decision support sys...	1
● Targeted pesticide selection	8
● Cultural practices (e.g., adjustin...	11
● Other	3



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

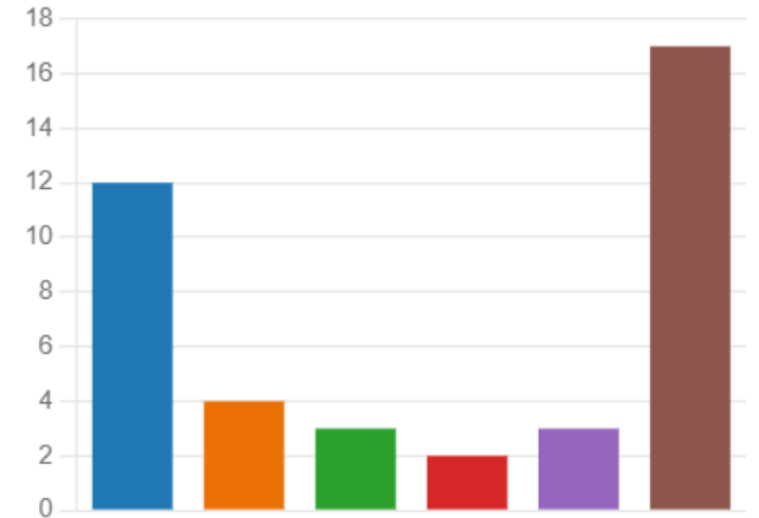
“management intensive rotational grazing”

“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



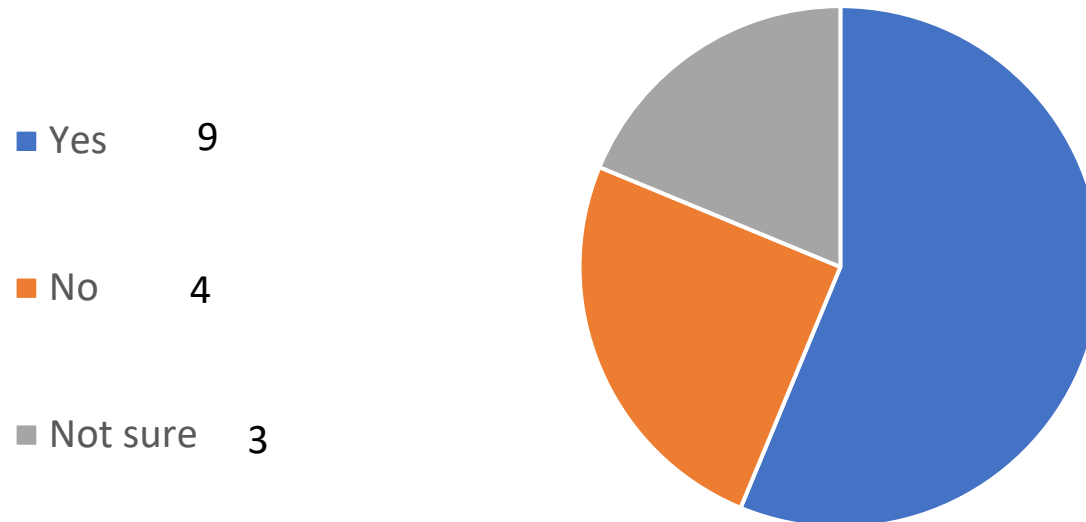
14. What types of pesticides (insecticide, fungicide, herbicide, etc) do you use?

[More Details](#)

 Pesticides suitable for organic p...	6
 Conventional pesticides	14
 Both organic and conventional ...	2
 I don't use pesticides	27
 I don't know	0



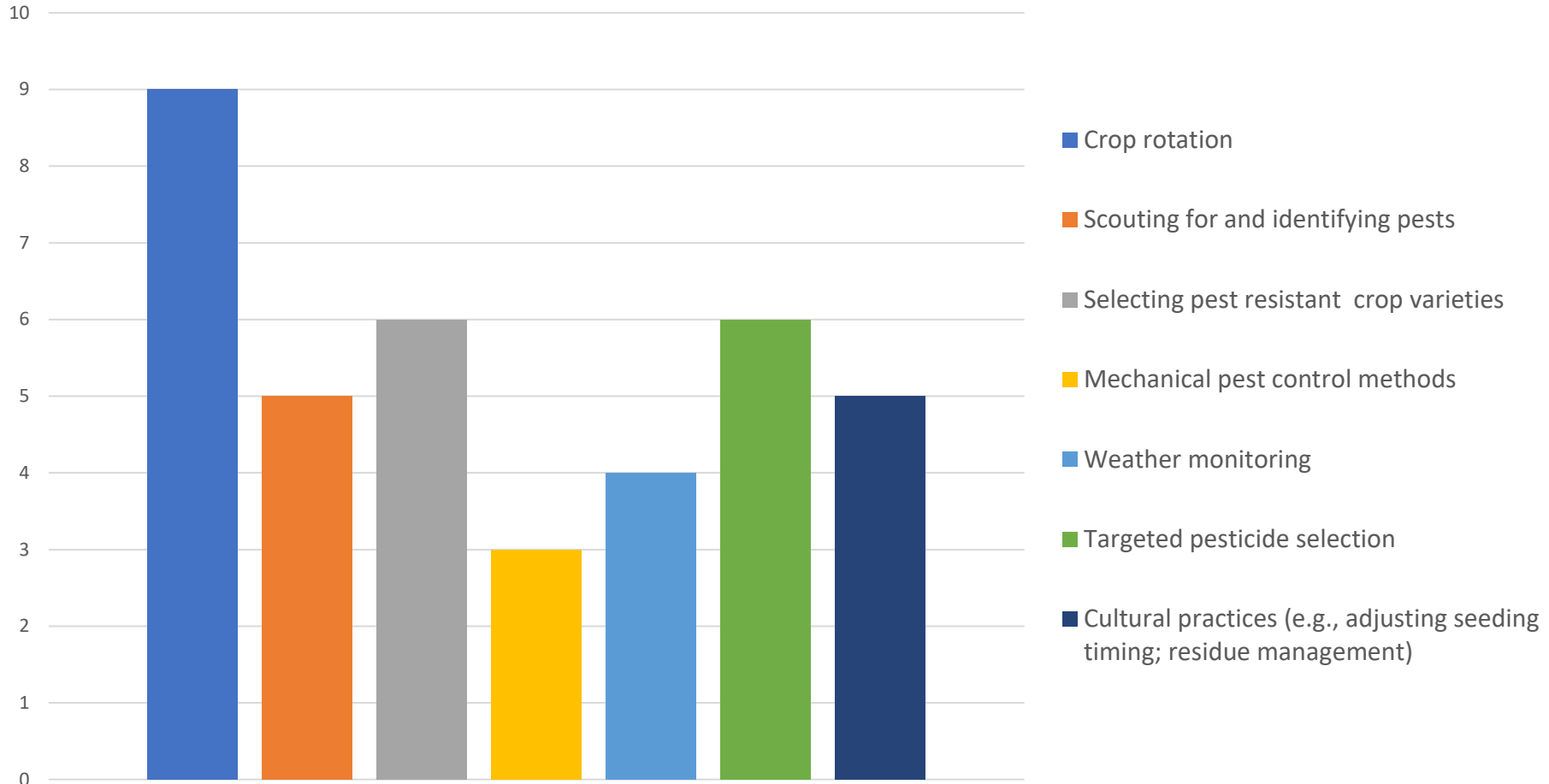
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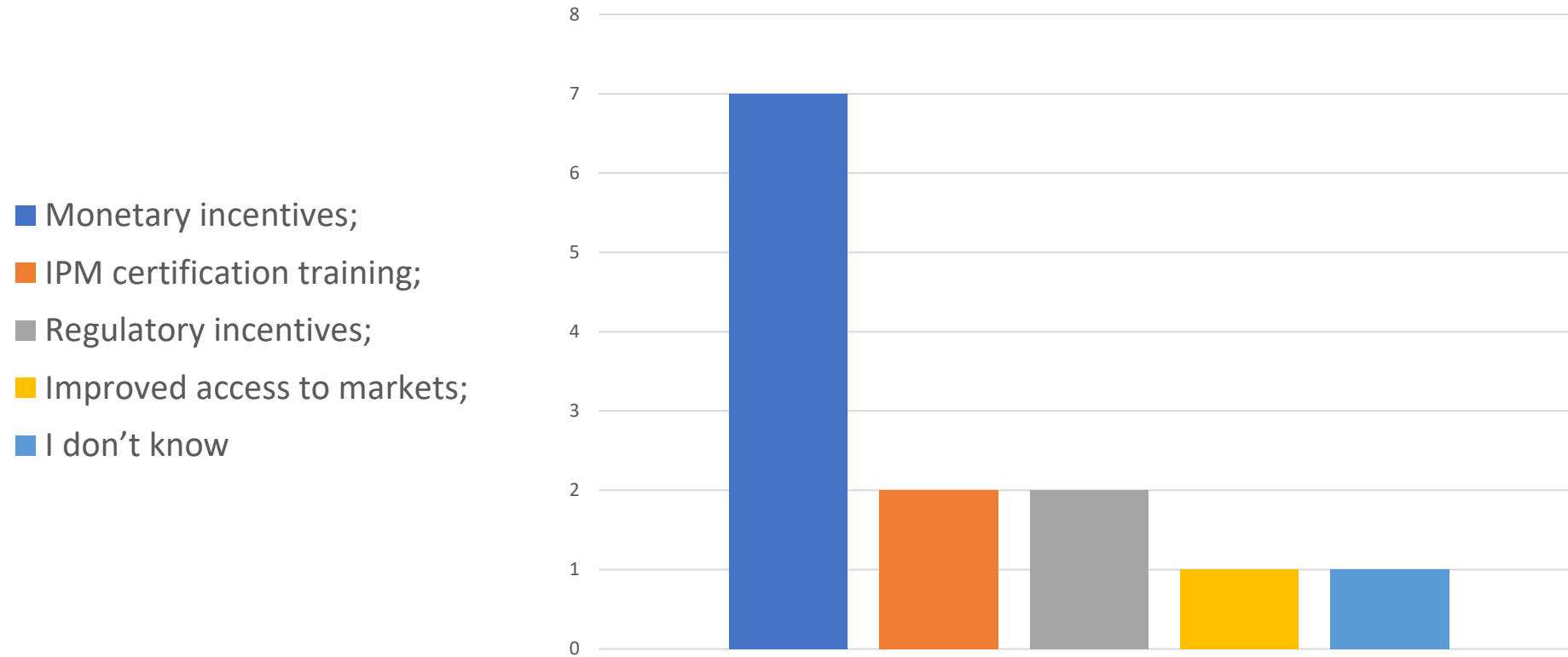
Agricultural Inputs

IPM and Conventional Pesticides

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



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



Agricultural Inputs Survey

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

Questions?

Next Steps?