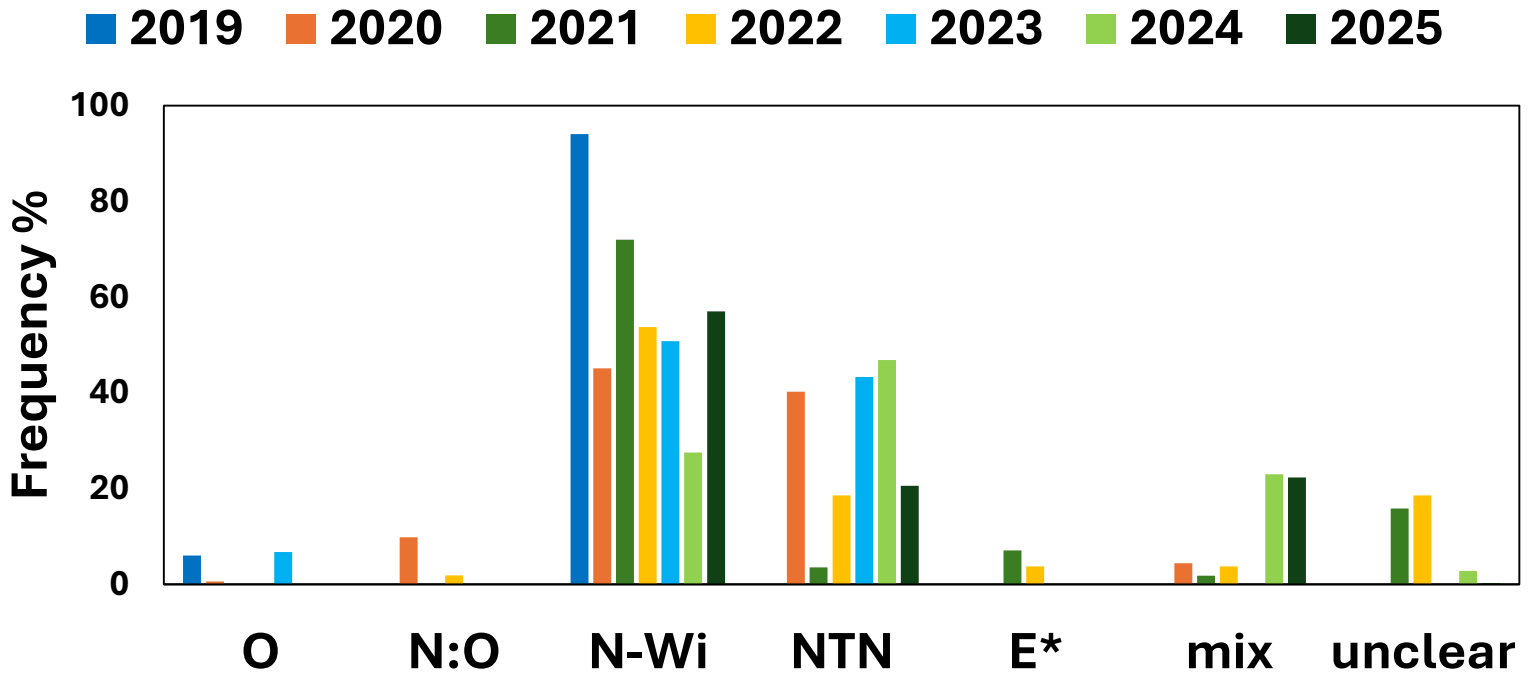
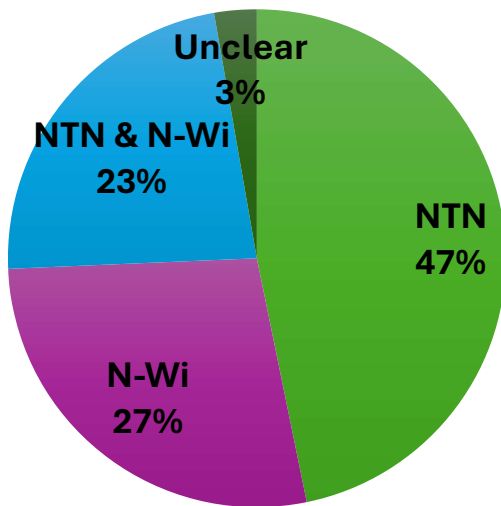


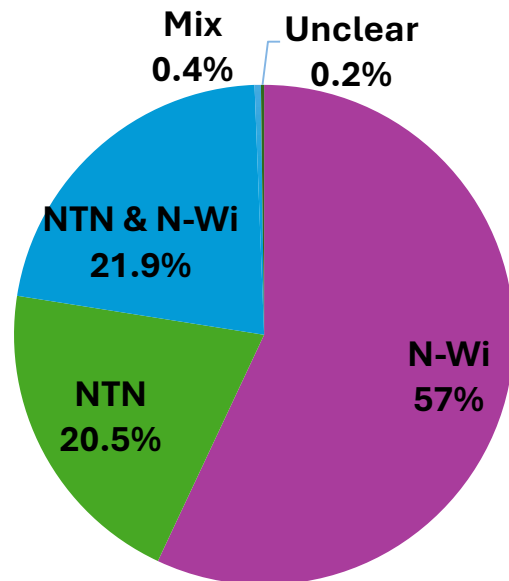
## 2025 Potato Virus Y in Michigan



2024 PVY Strain Prevalence



2025 PVY Strain Prevalence



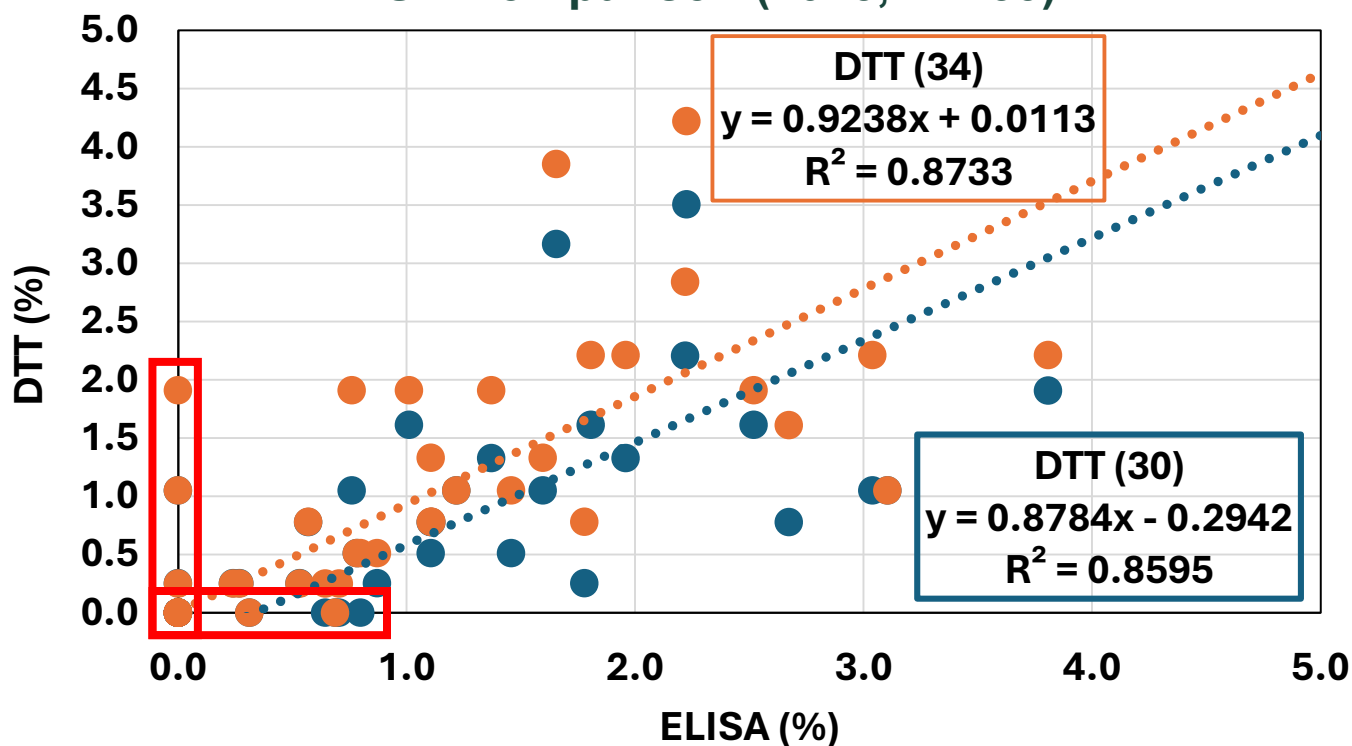
In 2025, PVY strain N-Wi was most prevalent.

21.9% of samples were mixed  
NTN & N-Wi



**Acknowledgements:** We would like to thank the Michigan potato growers, MPIC, MSPA, MDARD, as well as the USDA-NIFA-SCRI Grant No. 2020-51181-32136 and national Potato Virus Initiative: Developing Solutions for the continued support and collaborations.

## Direct Tuber Testing v. ELISA Comparison (2025, n = 53)



DTT (Ct = 34)  
(0.5% Threshold)

"Mismatches"			
ELISA	DTT (30)	DTT (34)	DTT Re-run (34)
1.78	0.25	0.78	0.78
1.46	0.51	1.05	1.33
1.11	0.51	0.78	1.05
0.87	0.25	0.51	0.78
0.80	0.00	0.51	0.51
0.78	0.51	0.51	0.78
0.70	0.00	0.25	0.51
0.69	0.00	0.00	0.51
0.64	0.00	0.25	0.51

n=53	DTT: Neg	DTT: Pos	
ELISA: Neg	15	2	17
ELISA: Pos	4	31	35
	19	33	52

Proprietary, Reveille (2),  
Norkotah, Public, Lady Liberty

Accuracy 88.5%  
Sensitivity 93.9%  
False Positive Rate 9.5%  
Specificity 78.9%  
Correlation r = 0.97



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