



Polyoxin D Zinc Salt IR-4 Biopesticides Workshop

September 21, 2016

**Kaken Pharmaceutical Co., Ltd.
Agrochemicals & Animal Health Products Group**



Polyoxin D Zinc Salt Overview

- Good efficacy on *Botrytis*, *PM*, *Monilinia*, and more
- Unique non-toxic mode of action (#19)
- Human & env. risk reduction tool
- 0-Day PHI, 4-Hr REI, Min. PPE
- US brand names include:
 - **Oso** (5%SC; Certis)
 - **PH~D** (11.3%WDG; Arysta)



Polyoxin D Zinc Salt Residues

- All crop tolerance exemption: US
- All crop import MRL “exemption”:
 - Mexico
 - **Canada (New!)**
 - **New Zealand (New!)**



Polyoxin D Zinc Salt

Pending

- Canadian Registration
 - May 2017
- Organic Use of Oso (NOP Petition)
 - 2018 Use Season

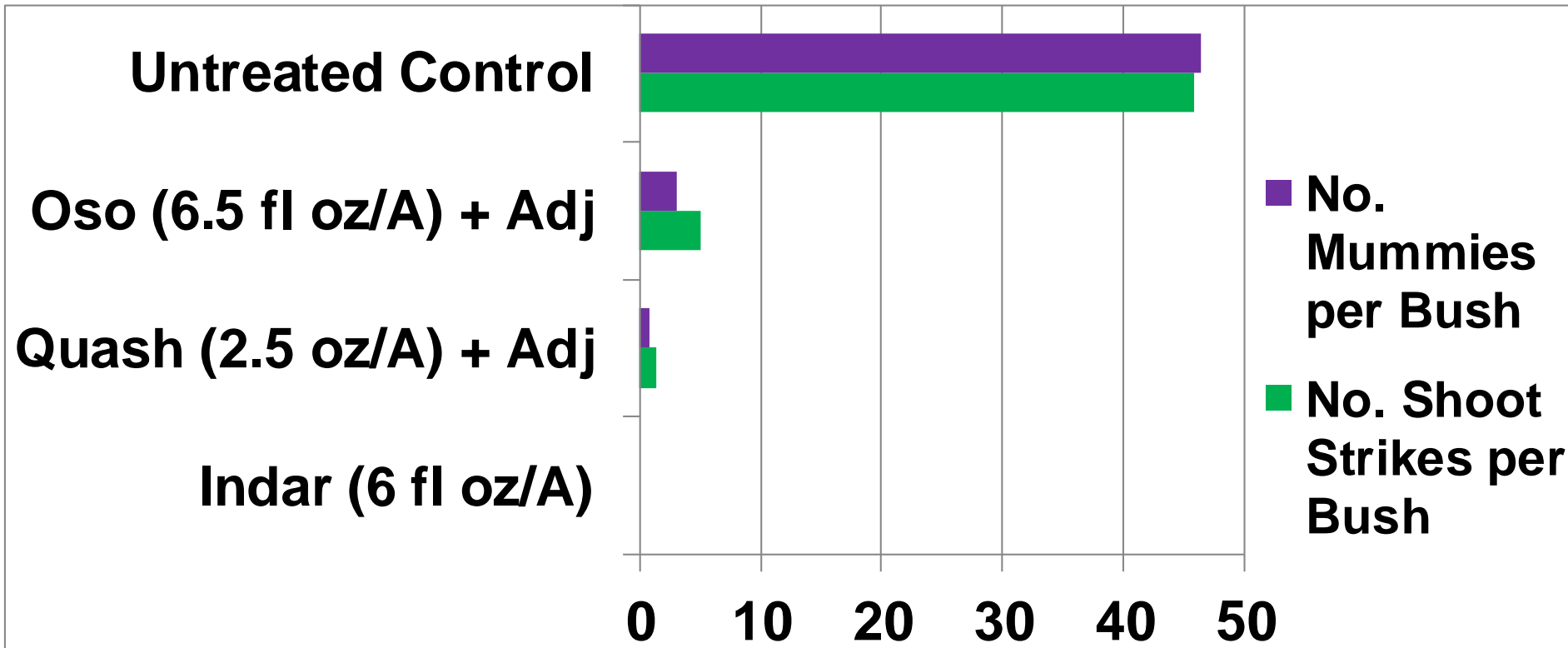


Polyoxin D Zinc Salt (5%SC)

Blueberry / Mummyberry

(B00062, B00083, B00213, B00214)

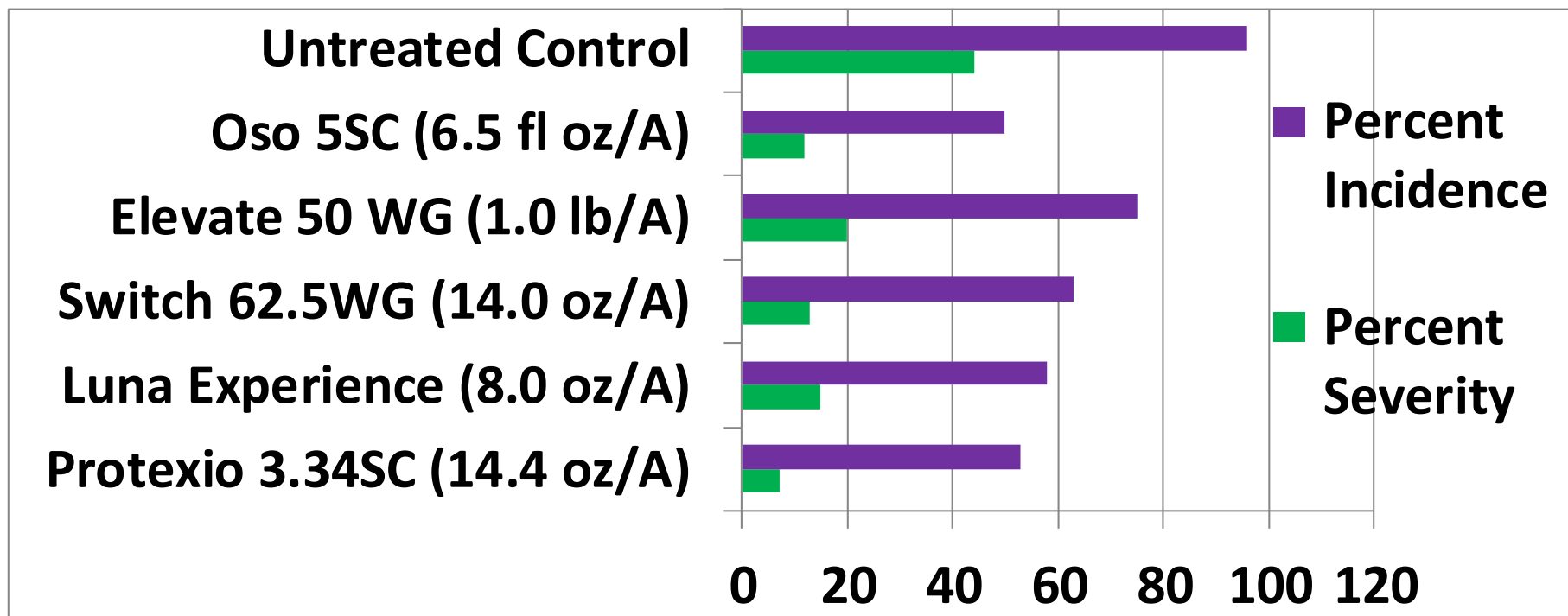
Michigan (2015)



Polyoxin D Zinc Salt (5%SC)

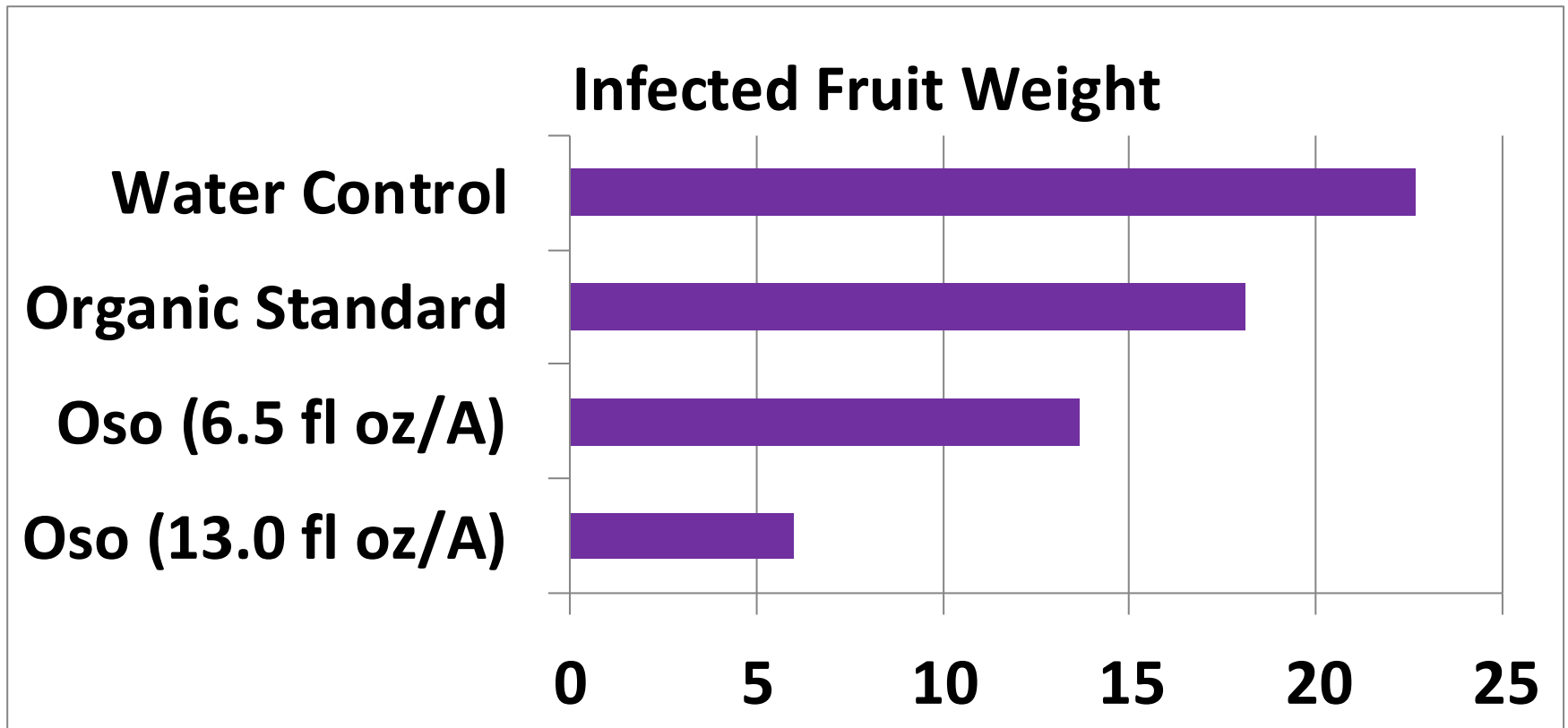
Grapes / Botrytis Bunch Rot

(B00052, B00061, B00063)
New York (2015)





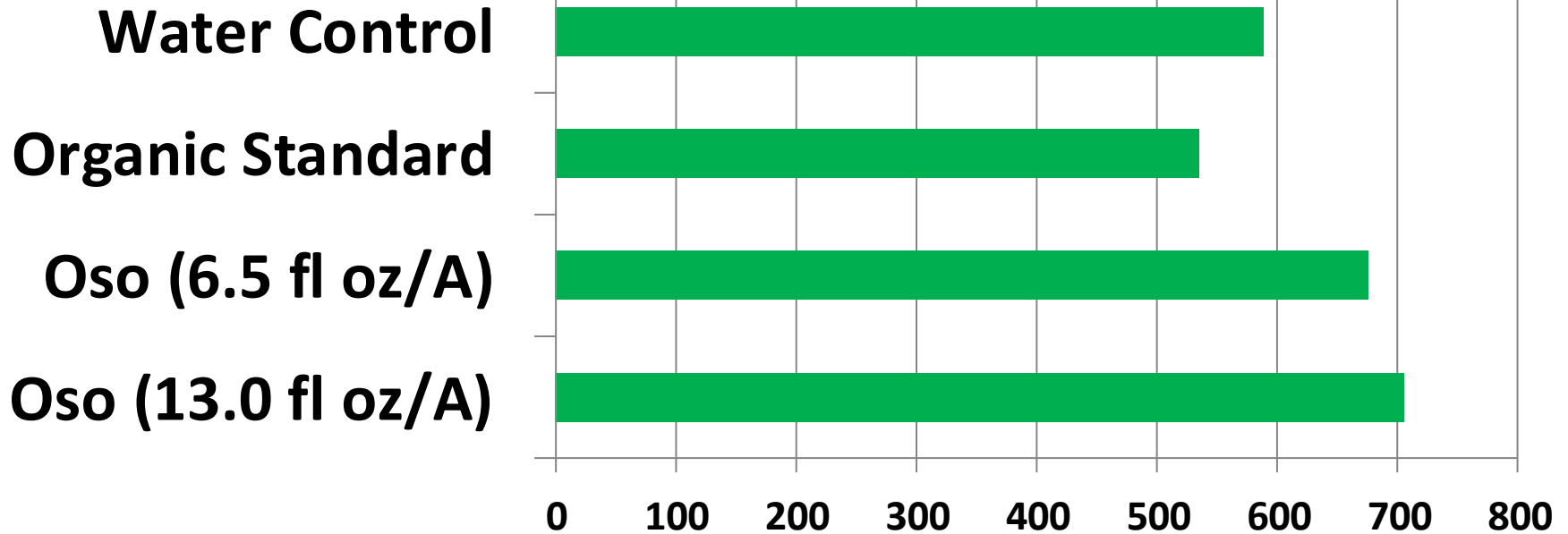
Polyoxin D Zinc Salt (5%SC) Organic Strawberries / Botrytis (B00129) (Maryland, 2016)





Polyoxin D Zinc Salt (5%SC) Organic Strawberries / Botrytis (B00129) (Maryland, 2016)

Marketable Fruit Weight

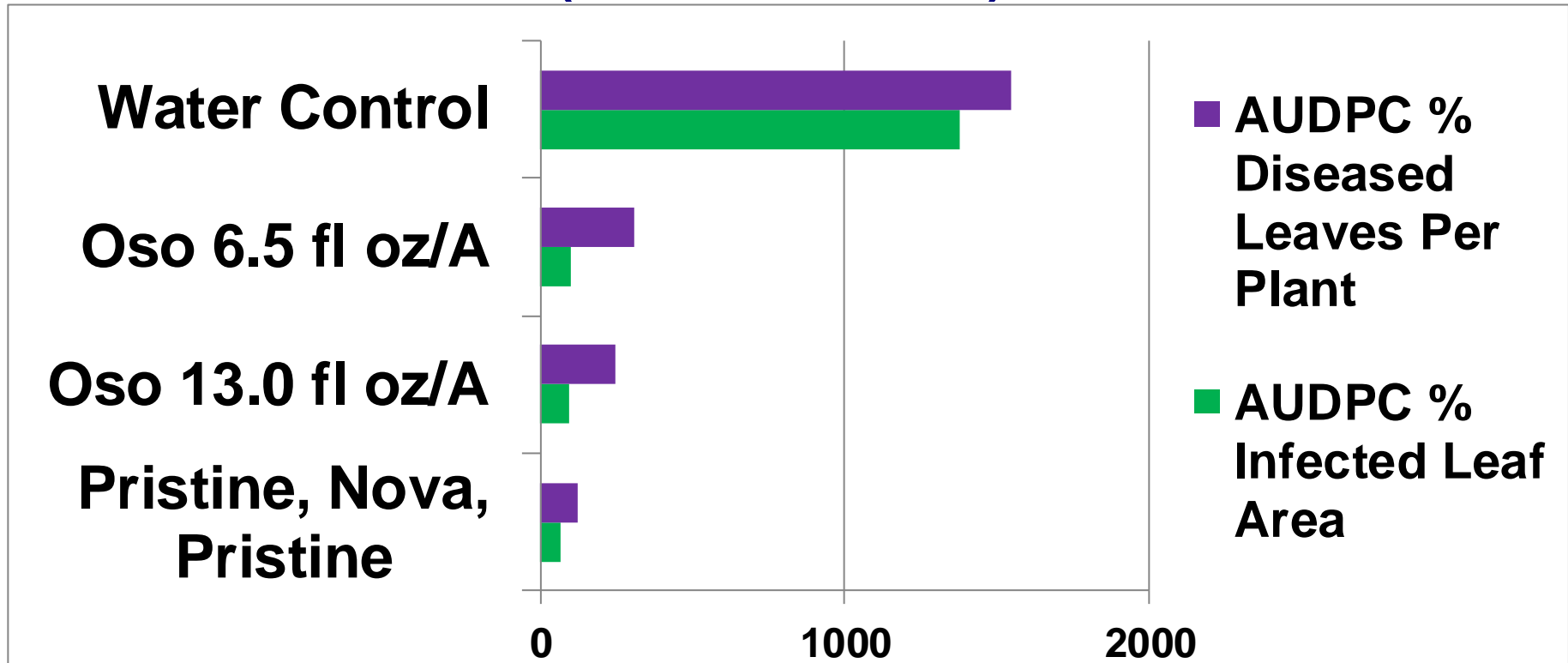




Polyoxin D Zinc Salt (5%SC)

GH Tomato / Powdery Mildew

(B00274, B00275)





Polyoxin D Zinc Salt (5%SC)

Candidate Solution for IR-4 Projects

- **All Crop Copper Residue Mitigation**
- **Blueberry Residue Mitigation**
- **Hops Residue Mitigation / PM**
- **Organic Herbs / Botrytis**



Questions?

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