



Joseph A. Hickey
Technical Manager
MACA Meeting
Feb. 2007

stronger.
better.
Together

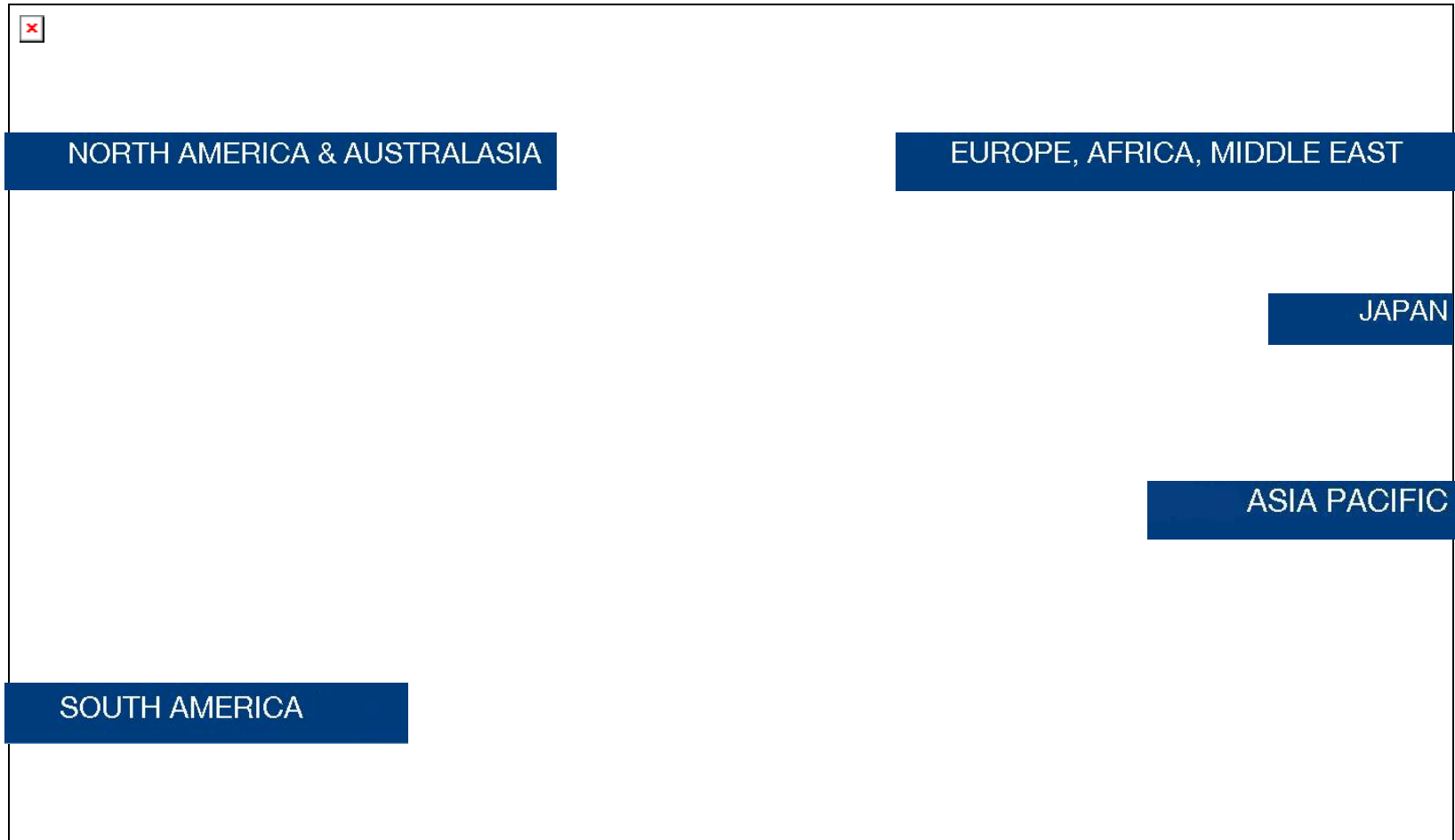


Arysta LifeScience

History of Arysta Life Science

- Echigoya (1673) Mitsui – cotton division (1920)
Tomen Corp (1970)
- Japanese Cotton Trading (1892) Nichimen (1943)
- Nichimen / Tomen = Arysta Life Science (2001)
- ALSNA – Arysta Life Science North America

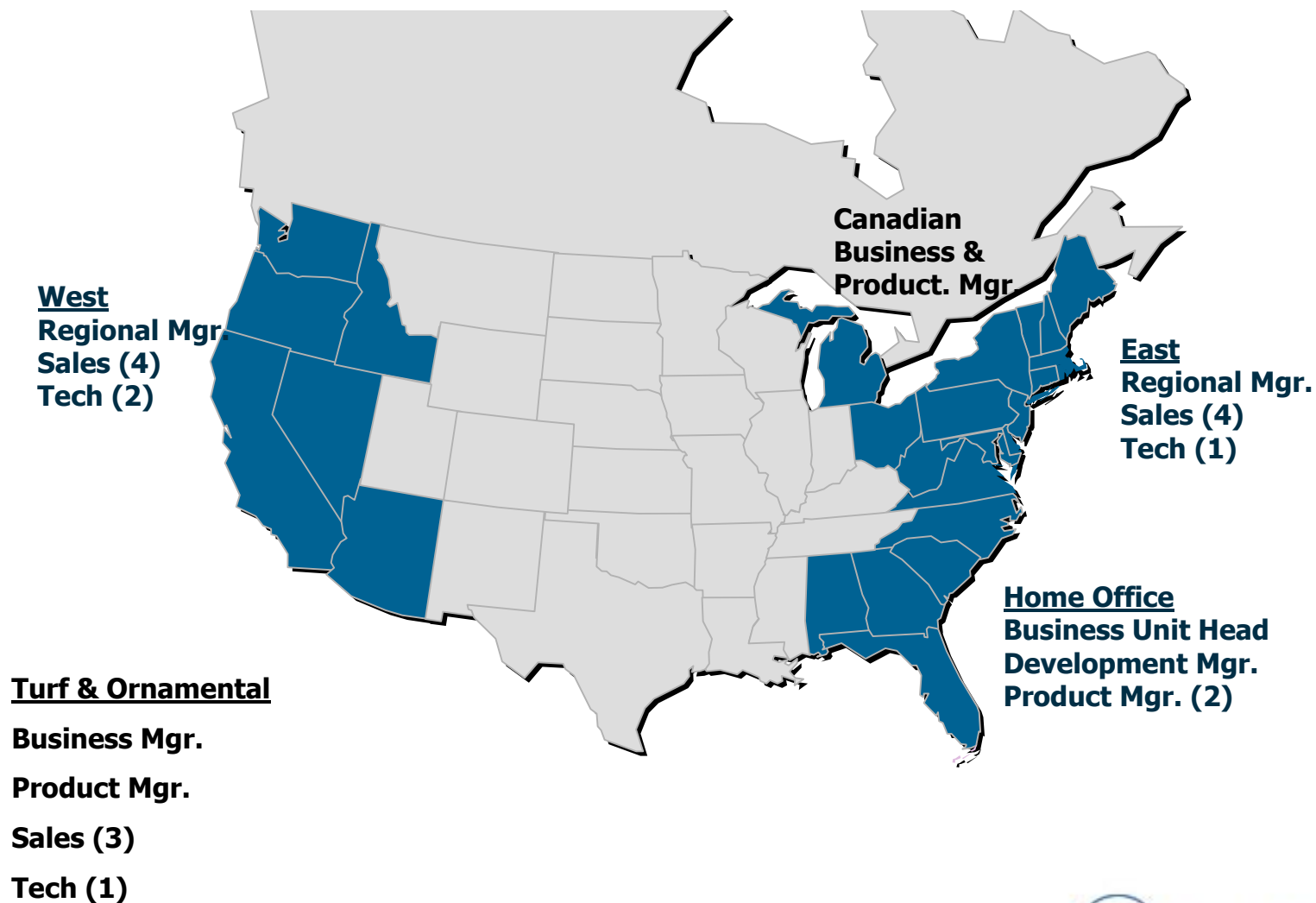
Arysta LifeScience: Broad Global Presence



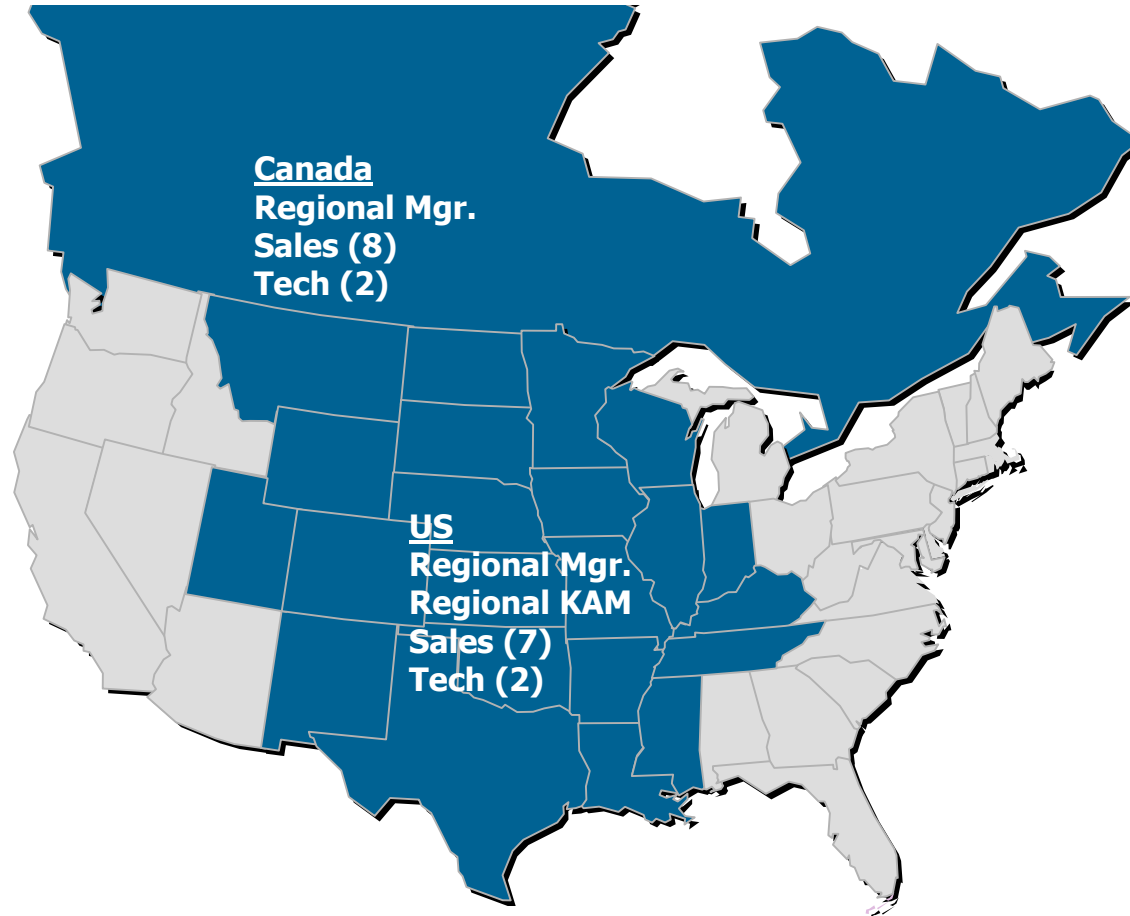
Arysta Strategic Crops

Core		Opportunistic
<ul style="list-style-type: none">• Cereals and Oilseeds• Cotton	<ul style="list-style-type: none">• Grapes• Nuts• Stone• Pome• Vegetables• Peanuts • Turf & Ornamental	<ul style="list-style-type: none">• Soya• Corn
		Continue to Build
		<ul style="list-style-type: none">• Legumes• Potatoes

Horticulture Business Unit



Row Crop Business Unit



Home Office
Business Unit Head
Development Mgr.
Product Mgr. (2)

Product Line Overview

Herbicides:

- Amicarbazone
- Alachlor
- Banvel (dicamba)
- Basagran (bentazone)
- Clethodim
- Everest (flucarbazone)
- Metsulfuron-methyl
- Pyramin (chlordiazuron)



- Plant Growth Regulators

- Pix

- PIX Plus

- Ethephon

- Thiadiazuron

- TDZ-Diuron

- PGR IV

- PGR-IV Plus (*Bacillus cereus*)

- Fumigants

- Midas (Iodomethane)

- Chloropicrin

Product Line Overview

Fungicides

- Captan
- Kaligreen (Potassium bicarbonate)
- Kasumin (future-bactericide)
- Elevate (fenhexamid)
- Evito (fluoxyastrobin)
- Iprodione
- Sulfur (WP, FL, DF)
- Thiophanate-methyl
- Endorse (Polyoxin)

Product Line Overview

Insecticides:

- **Acephate**
- **Acaritouch**
- **Azinphos-methyl**
- **Biomite**
- **Battalion (deltamethrin)**
- **Carpovirusine**
- **Chlorpyrifos**
- **Clutch/Belay (clothianidin)**
- **Dimethoate**
- **Kanemite (acequinocyl)**
- **Malathion**

*Shadow*TM

Herbicide

*The “Original” Made in USA
Formulation, Which Offers Both
Quality and Proven Results*



ADIOS™



Arysta LifeScience

Flash / Adios Commercial Comparisons
 Flash @ 24 oz/acre Adios @ 4.0 oz/acre

Treatment	Location	% Defol 5 DAA	% Open 5 DAA	% Defol 10 DAA	% Open 10 DAA	Cost /Acre
Flash + Adios	1-LA	55	72.5	86.25	90	\$ 13.50
Freefall 2.1 oz Prep 30.5 oz Def 16 oz	1-LA	67.5	75.0	95.0	90.0	\$ 19.98
Flash + Adios	2-LA	77.5	75	93.3	93.3	\$ 13.50
Dropp SC 2.0 oz Def 8 oz Prep 21 oz	2-LA	80.0	81.3	95.7	93.3	\$ 14.03
Flash + Adios	3-LA	90.0	92.5	98.75	99.5	\$ 13.50
First Pick 51.2 oz Dropp SC 1 to 80	3-LA	87.5	91.25	98.75	99.5	\$ 13.49

Flash / Adios Commercial Comparisons
Flash @ 24 oz/acre Adios @ 4.0 oz/acre

Treatment	Location	% Defol 5 DAA	% Open 5 DAA	% Defol 10 DAA	% Open 10 DAA	Cost /Acre	
Flash + Adios	1-LA	55	72.5	86.25	90	\$ 13.50	
Freefall Prep Def	2.1 oz 30.5 oz 16 oz	1-LA	67.5	75.0	95.0	90.0	\$ 19.98
Flash + Adios	2-LA	77.5	75	93.3	93.3	\$ 13.50	
Dropp SC Def Prep	2.0 oz 8 oz 21 oz	2-LA	80.0	81.3	95.7	93.3	\$ 14.03
Flash + Adios	3-LA	90.0	92.5	98.75	99.5	\$ 13.50	
First Pick Dropp SC	51.2 oz 1 to 80	3-LA	87.5	91.25	98.75	99.5	\$ 13.49

Flash / Adios Commercial Comparisons
Flash @ 24 oz/acre Adios @ 4.0 oz/acre

Treatment	Location	% Defol 5 DAA	% Open 5 DAA	% Defol 10 DAA	% Open 10 DAA	Cost /Acre
Flash + Adios	4-AR	57.5	68.8	90.0	90.0	\$ 13.50
Dropp SC 1.82 oz E T 0.25 oz Prep 32 oz	4-AR	55.0	66.3	88.8	92.5	\$ 18.70
Flash + Adios	1-GA	40.0	72.5	93.0	93.5	\$ 13.50
First Pick 1.7 qt Dropp SC 2.0 oz	1-GA	41.25	71.3	94.0	93.5	\$ 15.04
Flash + Adios	4-LA	88.8	91.3	86.3	95.8	\$ 13.50
Free Fall 1 to 24 Prep 12 oz Def 6 oz	4-LA	90.0	92.5	88.3	93.5	\$ 18.65

Flash / Adios Commercial Comparisons

Flash @ 24 oz/acre Adios @ 4.0 oz /acre

Treatment	Location	% Defol 5 DAA	% Open 5 DAA	% Defol 10 DAA	% Open 10 DAA	Cost /Acre
Flash + Adios	1-MS	67.5	82.5	96.5	98.0	\$ 13.50
Finish 21.3 oz Dropp SC 2.0 oz Def 3.2 oz	1-MS	66.3	80.0	96.5	98.0	\$ 17.69
Flash + Adios	2-MS	86.0	82.3	97.5	99.0	\$ 13.50
Dropp SC 1 to 64 Def 1 to 20 Prep 1 to 6	2-MS	84.0	81.3	94.8	96.5	\$ 13.58
Flash + Adios	3-MS	40.0	72.5	93.0	93.5	\$ 13.50
First Pick 1.7 qt. Dropp SC 2.0 oz	3-MS	41.3	71.3	94.0	93.5	\$ 15.04

Flash / Adios Commercial Comparisons
 Flash @ 24 oz/acre Adios @ 4.0 oz/acre

Treatment	Location	% Defol 5 DAA	% Open 5 DAA	% Defol 10 DAA	% Open 10 DAA	Cost /Acre
Flash + Adios	4-MS	80.0	80.0	95.0	90.0	\$ 13.50
Dropp SC 2.3 oz Prep 32 oz	4-MS	80.0	80.0	96.0	95.0	\$ 15.31
Flash + Adios	5-MS	77.5	80.3	89.8	86.8	\$ 13.50
Dropp SC 1 to 64 Finish 6 Pro 1 to 24 Prep 1 to 6	5-MS	68.8	77.8	86.3	81.3	\$ 14.27
Flash + Adios	6-MS	70.0	81.3	92.5	85.0	\$ 13.50
Ginstar 6.4 oz Finish 6 Pro 21.3 oz	6-MS	70.0	76.3	91.3	87.5	\$ 20.83

Flash / Adios Commercial Comparisons
 Flash @ 24 oz/acre Adios @ 4.0 oz /acre

Treatment	Location	% Defol 5 DAA	% Open 5 DAA	% Defol 10 DAA	% Open 10 DAA	Cost /Acre
Flash + Adios	7-MS	84.3	78.8	95.8	95.3	\$ 13.50
Dropp SC 2.3 oz Prep 32 oz	7-MS	80.0	76.8	93.3	94.3	\$ 15.31
Flash + Adios	8-MS	65.0	77.5	72.5	81.3	\$ 13.50
Prep 28.5 oz Dropp SC 2.28 oz Def 10.67 oz	8-MS	70.0	78.8	91.3	98.8	\$ 17.92
Flash + Adios	9-MS	86.3		98.8		\$ 13.50
Dropp SC 2.56 oz Def 8.53 oz Prep 21.3 oz	9-MS	83.8		99.0		\$ 15.66

Replicated Trials Comparing Equivalent Rates of Active Ingredients Across 11 Locations

Treatment		% Defol 5 DAA	% Open 5 DAA	% Defol 10 DAA	% Open 10 DAA	% Open 15 DAA	% Open 15 DAA
Flash™ Adios™	32 oz 4 oz	58.9	76.0	81.8	89.1	92.1	96.4
Prep™ Ginstar®	16 oz 4 oz	50.1	68.3	76.1	85.0	89.4	93.7
Finish® 6 Pro Ginstar®	16 oz 4 oz	60.1	70.2	81.8	85.9	91.1	94.8

Flash contains 3.0 pounds of ethephon per gallon, Prep contains 6.0 pounds of ethephon per gallon and Finish 6 Pro contains 6.0 pounds of ethephon and 0.375 pounds cyclanilide per gallon.

Pix Plus – 2007 Delta

Pix Plus 1155.8

Ginout 1117.3

Stance 1046.8



THANK You

Questions

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Arysta LifeScience