



THE SOUTH AFRICAN BLUEBERRY INDUSTRY: MINOR CROP WORKSHOP

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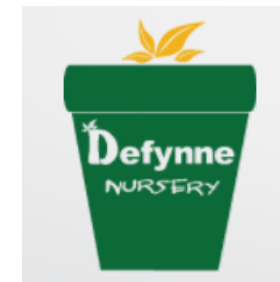


SABPA SA BERRY
PRODUCERS' ASSOCIATION

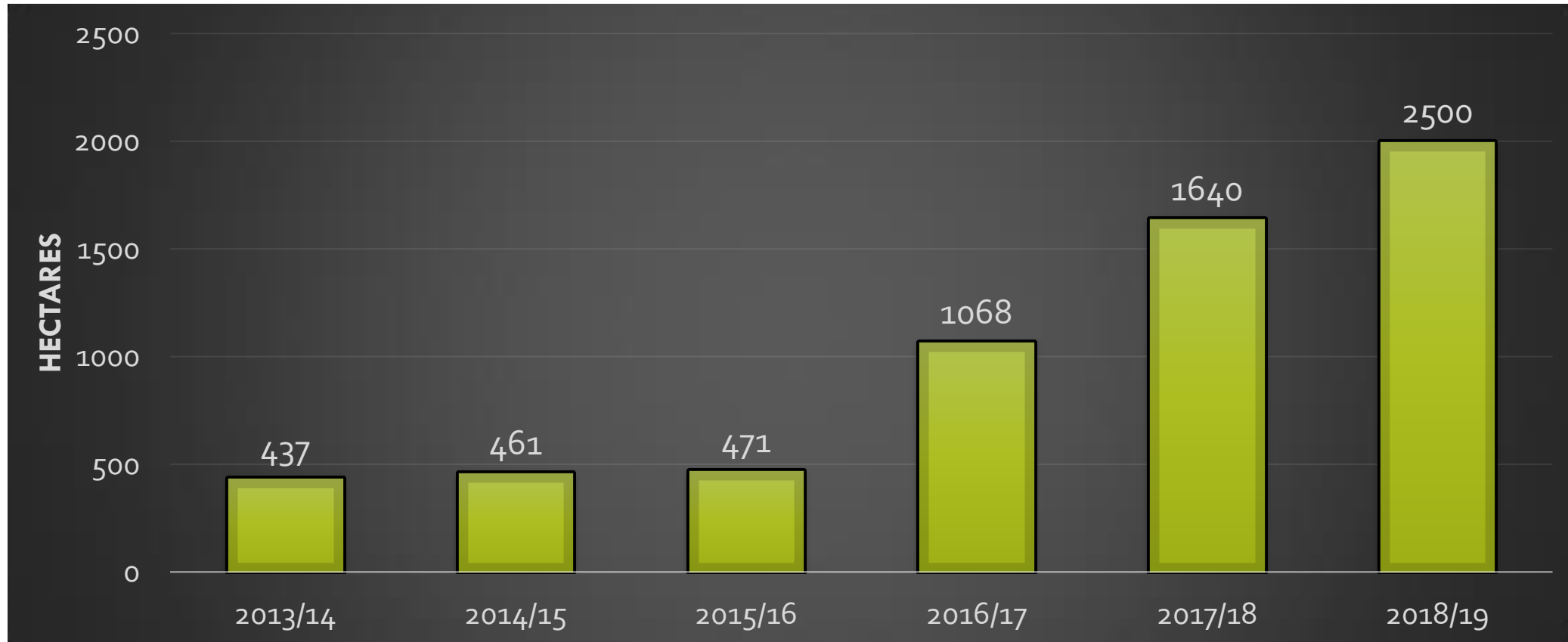
HORTGRO 
Growing Fruit IQ

History of our export industry

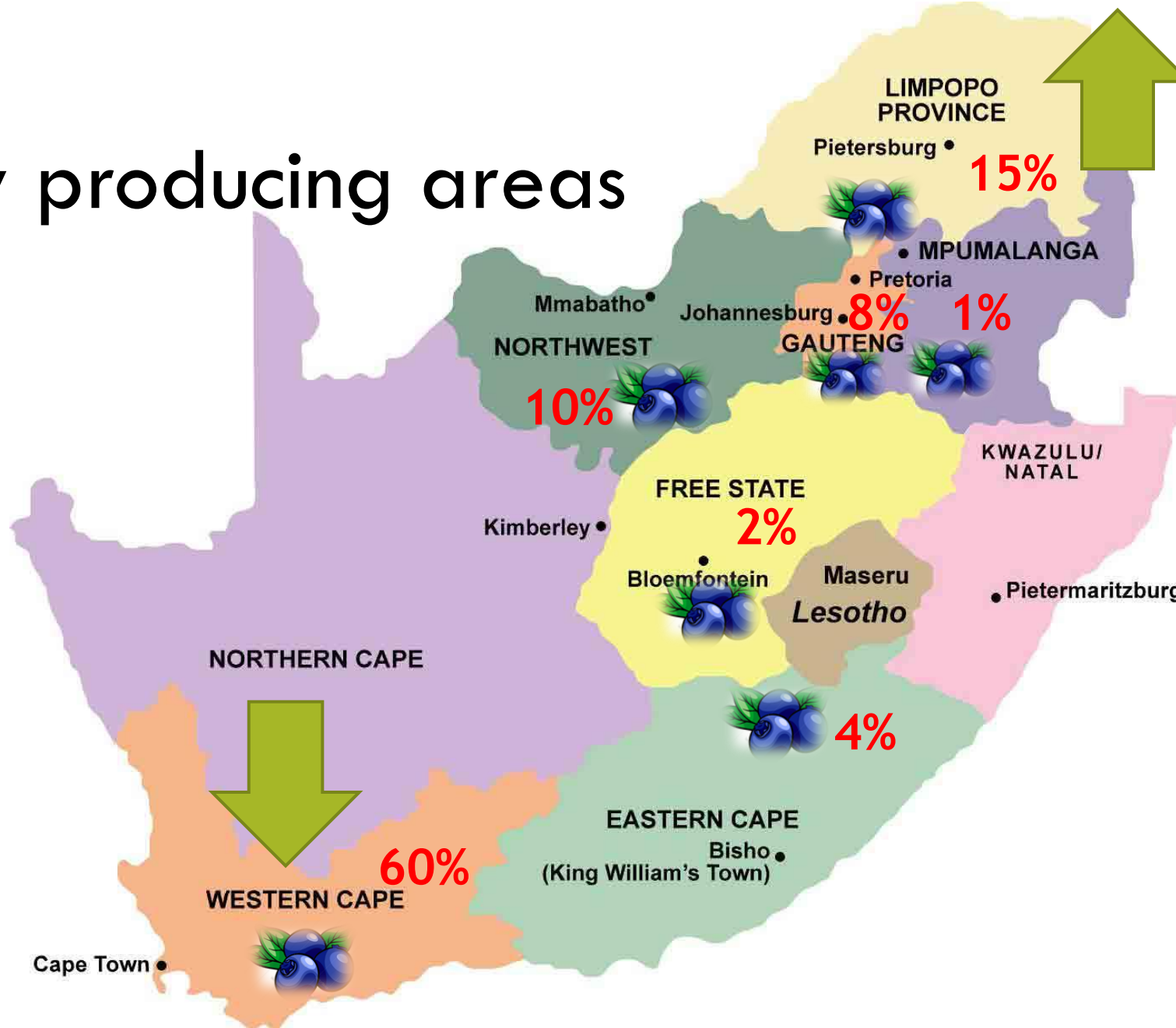
- 1993 BERRYWORLD
- 2001 HAYGROVE
- 2013 UNITED EXPORTS
- 2017 TOPFRUIT
- 2018- MORE TO COME



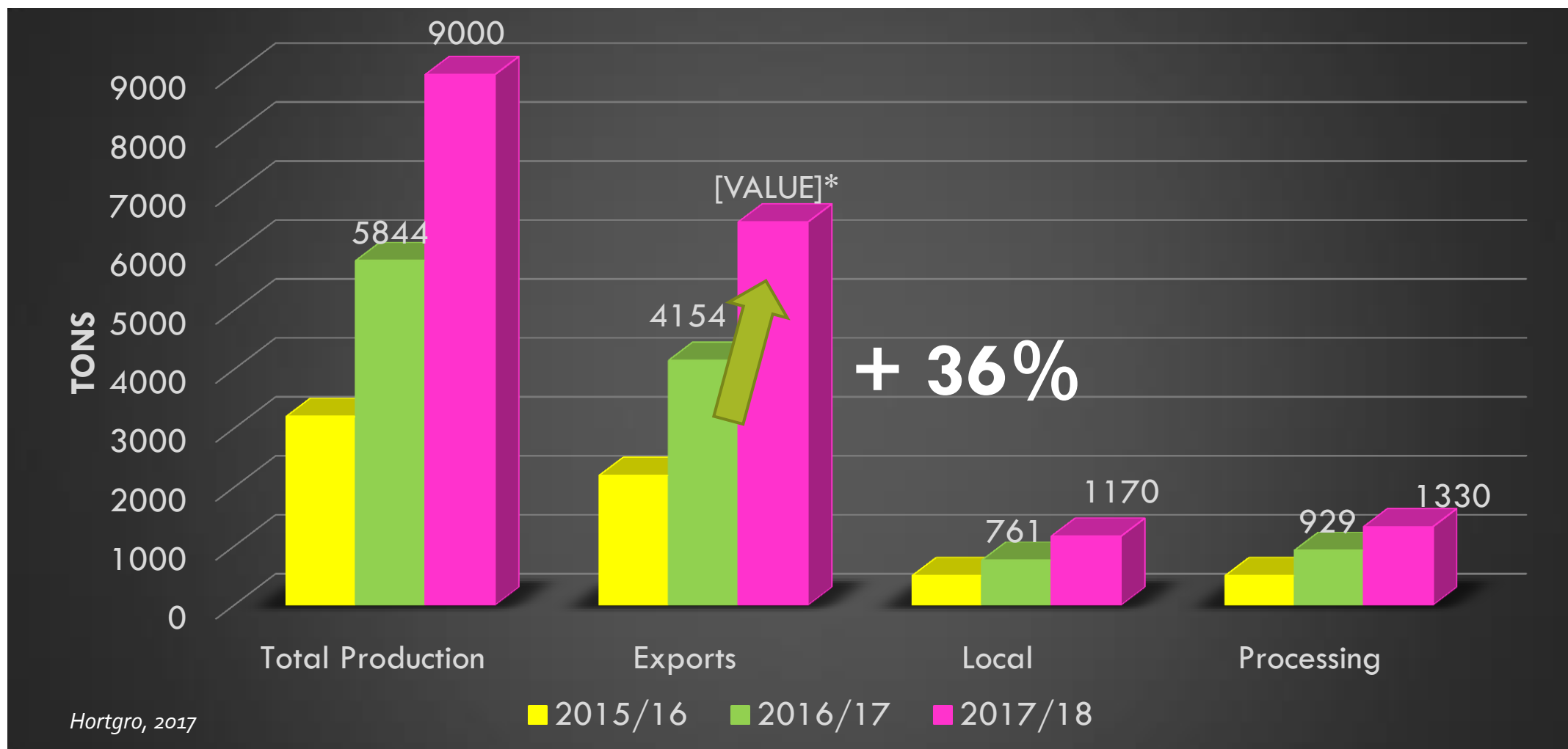
SA industry stats: Blueberry hectares planted (2018/19*)



Blueberry producing areas



SA Blueberry industry volumes



2) List of active ingredients registered to date

TYPE	REGISTRATION	ACTIVE INGREDIENT	GROUP	TARGET PURPOSE
Fungicides (Ai)	Registered	Azoxystrobin	11	Alternaria
				Antracnose
				Botryosphaeria
				Leaf Spot
				Mildew
				Rust
				Septoria Blight
		Boscalid & Pyraclostrobin	7 & 11	Alternaria
				Antracnose
				Botrytis
				Mildew
				Rust
		Copper oxychloride		Botrytis
				Rust
	Alternaria			
	Antracnose			
Cyprodinil & Fludioxonil	9 & 11			
Fenhexamid	17	Botrytis		
Fluopyram	7			
Mefenoxam	4	Phytophthora		
Pyrimethanil	9	Botrytis		

2) List of active ingredients registered to date continued...

TYPE	REGISTRATION	ACTIVE INGREDIENT	GROUP	TARGET PURPOSE
Growth Regulator	Registered	Cyanamide		Even Flowering
Herbicides (Ai)	Registered	Clethodim	A	Grass Weeds
		Glufosinate-ammonium	H	Herbicide
		Glyphosate	G	Annual weeds Herbicide
			G	Herbicide
	Registered Decidious	Cycloxdim	A	Grass
		Fluazifop-P-butyl	A1	Grass
		Glyphosate	G	Weeds
		Paraquat dichloride	D	Grass Weeds

2) List of active ingredients registered to date continued...

TYPE	REGISTRATION	ACTIVE INGREDIENT	GROUP	TARGET PURPOSE
Insecticides (Ai)	All Crops	Metaldehyde		Snails
	Registered	Natural pyrethrins	3A	Aphids
				Leaf Roller
				Mealy bug
				Scale
				Thrips
				White fly
		Pyrethrins, Plant oils, Rape seed oil		African Bollworm
				Ants
				Aphids
				Capsid Bug
				Red Spider Mite
				Snoutbeetle
				Stink Bug
				Thrips
				Weevils
				White fly
		Thiamethoxam	4A	Bollworm
				Fruit Weevil
		Bacillus thuringiensis		African Bollworm
		Various Lepidoptera insects		
Beauveria bassiana		Broad spectrum insect control		
Helicoverpa armigera nucleopoly		American Bollworm		
Heterorhabditis bacteriophora		Bollworm		
		Weevils		

2) List of active ingredients registered to date continued...



TYPE	REGISTRATION	ACTIVE INGREDIENT	GROUP	TARGET PURPOSE
Insecticides (Ai)	Registered	Indoxacarb	22	Bollworm Fruit Weevil
		Mercaptothion (Malathion)	1B	Fruit fly
		Methyl eugenol		
		Methyl eugenol + Mercaptothion		
		Paraffinic White Mineral Oil		Scale
		Pirimicarb	1A	Aphids
				Mites
				Scale
		Protein hydrolysate		Fruit fly Lure
		Pyrethrins, Plant oils, Rape seed oil Canola		Red Spider Mite
		Spinetoram	5	American Bollworm
				Leaf Roller
				Thrips
Weevils				
Western flower Thrips				
Spinosad	5	Western flower Thrips		
		Fruit fly		
		Western flower Thrips		
Wetting Agent	All row Crops	Citrus oil + Borax	Mealy bug	
			Mites	
			Scale	

3) Critical Gaps

Type	Target organism	Needed Active
Fungicides	Rust	Mancozeb Suplhur Tebuconazole
	Phytophthora	Dimethomorph Potassium Phosphite
	Downy mildew	Dimethomorph Mancozeb Potassium Phosphite
Insecticides	Thrips	Abamectin Acetamiprid Pymetrozine Sulfoxaflor Spirotetramat Thiachlopid
	WhiteFly	Acetamiprid Thiachlopid Sulfoxaflor
	Aphids	Acetamiprid Sulfoxaflor Thiachlopid
	Mealybug	Acetamiprid Sulfoxaflor
	Red spider mite	Abamectin
	Bollworm	Alpha-cypermethrin Chlorantraniliprole

Fungicide	Mancozeb Sulphur Tebuconazole Dimethomorph Potassium Phosphite
Insecticide	Abamectin Acetamiprid Sulfoxaflor Spirotetramat Thiachlopid Alpha-cypermethrin Pymetrozine Chlorantraniliprole

4) Proposed solutions

1) Conditional registration submitted for:
Acetamiprid, Thiachlopid, Tebuconazole- dossiers at Registrar

2) Thrips Trials underway:

- Sulfoxaflor
- Thiachlopid
- Acetamiprid
- Spirotetramat
- Pymetrozine

3) Rust trials soon to be underway:

- Tebuconazole
- Mancozeb

Thank you!

