

# PISTACHIO R&D

## Pistachio R&D Committee

- ▶ Chris Joyce, Chair
- ▶ Chris Lee
- ▶ Ryan Norton
- ▶ Andrew Bowring
- ▶ Ian Mau
- ▶ Tim Beard
- ▶ Prue McMichael
- ▶ Ross Skinner
- ▶ Brad Mills
- ▶ Paul Wurst

# PISTACHIO R&D

## Meetings:

- ❖ February
- ❖ June
- ❖ September

## Time

- ❖ Equivalent of 1 full day

# R&D STRATEGY

## VISION

***“A highly profitable industry that is sustainable and rewarding for existing growers and attractive to new growers.”***

## ASPIRATIONS

By 2026, the Australian Pistachio Industry will

- continue to be informed, innovative, profitable and environmentally sustainable,
- continue to produce and market consistently high-quality pistachios that are enjoyed and sought by educated consumers,
- continue to meet a strongly expanding market demand that recognises the great flavour and health benefits of Australian pistachios
- succeeded through the transition of an expanding industry from a near total focus on the domestic market to also succeeding in the export market.

# R&D STRATEGY

## MISSION STATEMENT

***“To produce sustainable yields of high-quality pistachio nuts that excites consumers and satisfies food manufacturers both in Australia and overseas.”***

## OBJECTIVES

- ▶ Maximise sustainable yields of high quality pistachio nuts from Australian orchards through improved production tools.
- ▶ Maximise consumer perceptions of Australian pistachio nuts by constantly improving appearance and taste in the orchard as well as by promoting health benefits in the market place.
- ▶ Maximise returns to Australian pistachio growers by constantly improving efficiencies in the distribution channel from the orchard to the consumer.

# R&D STRATEGY

## KEY RESULT AREAS

1. Maintained high profitability of Australian pistachio nut producers.
2. Maximised yield, size, appearance and taste of Australian Pistachio nuts.
3. The availability of best practice, sustainable production methods to growers.
4. Efficient dissemination of results from industry supported research and development to growers.
5. Well resourced industry structures.

# R&D STRATEGY

## RATIONALE

Australian pistachios nuts will remain under competitive market pressures from Iranian and California imported products. The Australian Pistachio Industry needs: -

- ✦ To constantly improve the yield and quality of Australian pistachio nuts to match and exceed world standards and implement tools to achieve this throughout the supply chain.
- ✦ To adopt and maintain sustainable production systems.
- ✦ To maintain pest and disease management to ensure yields and quality are maintained and improved.
- ✦ To continue to develop and implement innovative processing and marketing opportunities.
- ✦ To increase consumer awareness of the health benefits of pistachios.
- ✦ To expand and service the domestic market for Australian pistachio nuts.
- ✦ To identify and service niche export markets that will value the fresh taste of Australian pistachios.

# R&D STRATEGY

As the Australian pistachio industry structures and R&D funds become more sustainable as grower numbers and contributions increase the Australia Pistachio Industry: -

- ✚ Will continue to attract new growers and expand the production base.
- ✚ Will continue to maintain a strong grower-based industry association.
- ✚ Will continue to maintain funding to support Pistachio Growers' Association Inc R&D project investments.
- ✚ Will continue to remain a cooperative industry that readily exchanges information between its members
- ✚ Will continue to maintain a unified marketing approach.

# INDUSTRY KPI's

The Pistachio Growers' Association Inc believes the following broad industry Key Performance Indicators (KPI's) will be achieved from the implementation of this Strategic Plan.

- ✚ 75% of contributor mature orchards achieving an average yield of 7.5 kg/female tree (3,000 kg/ha).
- ✚ Increase in nut size.
- ✚ Reduction in staining, particularly dark stain.
- ✚ Reduction in the percentage of blanks.
- ✚ An increase in new plantings of at least 5% per annum of the total plantings.
- ✚ By maintaining the unified selling base, superior grower returns will be achieved over price returns to Californian growers.

	<b>High \$ Impact</b> Action will have measurable \$\$ returns to industry	<b>Medium \$ Impact</b> Action may have measurable \$\$ returns to industry	<b>Low \$ Impact</b> Action unlikely to have measurable \$\$ returns to industry
<b>High Urgency /Importance</b> Action needed in next 12 months	Fungal diseases Marketing Maintaining unity in domestic market Pruning to mitigate alternate bearing Monitoring chill and mitigate the impact of lack of chill. Communication Growers Web site Technical information transfer Development of Kerman as a second variety	Nutrition requirements for <i>Sirora</i> Nut size Shell damage Kernel fill	
<b>Medium Urgency/Importance</b> Action needed within 3 years	Water - When - How much Kernel fill, splitting and blanking Alternate bearing	Review and update <i>Sirora</i> Leaf analysis standards Pruning/training <i>Xanthomonas</i> Aflatoxin Global warming	
<b>Low Urgency/Importance</b> Action needed	Insects	Marketing Fresh Pistachios Develop coordinated fresh pistachio fruit market.	Trees New varieties Alternative rootstocks

PROJECT	TITLE	ACTUAL YTD
MT20001	Industry Annual Reports 2019/20	1,030
PS16000	Understanding and managing insects on pistachio orchards	18,410
PS16002	Pathogens and other factors contributing to dark staining on	21,795
PS17002	Technology transfer for pistachio growers utilising regional groups	14,750
PS17003	Research Program for the Australian Pistachio Industry	138,196
PS20000	Supporting the adoption of best management practices for pistachios	10,500
<b>Total Expenditure</b>		<b>204,681</b>

**Table 3: CIF project expenditure 30 June 2022.**

CIF Project Expenditure		
PROJECT	TITLE	ACTUAL YTD
MT21002	2020/21 Fund Annual Reports	1,009







THANK YOU