

Typical Chilean apple farms

Region	El Maule: CL-25-EM	O'Higgins: CL-80-OH
Total farm size, ha	25	80.8
- full production, ha	25	64
- non-full bearing, ha	0	11.2
- in establishment & maintenance, ha	0	5.6
- other farm branch, ha	0	0
Lifetime orchard, years	25 years	25 years
Average time to first full yield after planting	5	5
Yield on farm 2011, t/ha	58-80	45-80
Total production 2011, t/farm	1,570	4,173
Average use of plant protection products, EUR/ha	932	489
Average use of fertiliser, EUR/ha	228	286
Average rainfall, mm/year	715	580
Share of irrigated orchards (%)	100	100
Irrigation system	Drip irrigation and flooding systems	Drip irrigation and flooding systems
Top 3 varieties grown		
– Name 1	Royal Gala	Granny Smith
– ha	16.5	40.4
– Name 2	Fuji	Royal Gala
– ha	4.5	24.3
– Name 3	Granny Smith	Pink Lady
– ha	4	16.1
Trees per ha	990	990-1,667
Distance between the rows (m)	4	4
Canopy management / production system	Spindel	Spindel
Legal form	Family farm with hired administrator	Administrator – led farm
Decoupled payment, EU subsidies (per ha)	No	No
Subsidies (per farm) (e.g., for irrigation system, hailnets etc.)	No	No
Vertical market integration/marketing channels	Contract with exporter or export cooperative	Contract with exporter or export cooperative
Participation in private quality certification scheme	Global Gap	Global Gap, Tesco Nurture
Family labour (hours per year)	1,000	0
Hired labour (hours per year)	6,000	27,240
Seasonal workers (hours per year)	20,000	88,803
Use of own machinery	Yes	Yes
Use of hired machinery / contractors / co-operative machine pool	No	No
Harvest	Manual	Manual

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