



SERBIAN RASPBERRY 2006

personal experience

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Willamette



Arilje - Latvica



Typical village in the raspberry area



SERBIAN RASPBERRY GENERAL INFORMATION

- Geographical position: (South Eastern Europe)
- Climate: (Temperate continental climate – Average annual temperature: 9,3 – 10,9 deg. C. Annual rainfall: 647 – 820mm)
- Growing area: (Hill and mountainous regions – altitude: 300 – 1.000 metres. Forest area: Mainly “Beech wood”)
- Soils: (Mountainous soils with broken rock foundations)
- History: Commercial growing started during the 1930’s and increased to a commercial level as from the 1960’s)
- Business: (Farming system is a family owned venture. Processing includes involvement by both state and private enterprise.)
- Type of farming: (Extensive and semi-intensive, except for the “Arilje” area.)
- Cultivars: (Willamette is the dominant cultivar, Meeker is present: The other cultivars in small traces.)
- Average acreage per farm: (0,2 ha.)
- Life expectancy of the bushes: (10 – 12 years: Phythophtora is not present)
- Cultivation: (Manual and minimum mechanization: Except for the “Arilje” area.)
- Propagation: (95% is farming propagation from old fields to new and 5% comprises of registered nursery plants.)

Density: (Between rows: 2,2 metres distance and between the bushes: 0,25 metres – general average)

Branch support system: (Wooden stakes using either 1, 2 or 3 stakes per row)

Disease: (All known diseases are present except Phythophtora and some economic damage from Didimella & Botrytis.)

Insects & mites: (All known insects: Some economic damage from flower eaters, mites and aphids.)

Number of treatments: (The most frequent is twice per season during the bloom and before harvesting, except the “Arilje” area which receives 6 treatments.)

Fertilization: (Organic manure from the farms. The most frequent is 300 kg of NPK except “Arilje” which receives 500 – 700 kg per ha.)

Irrigation: (Partly present.)

Harvest time: (Approximately: 15th June to 20th July.)

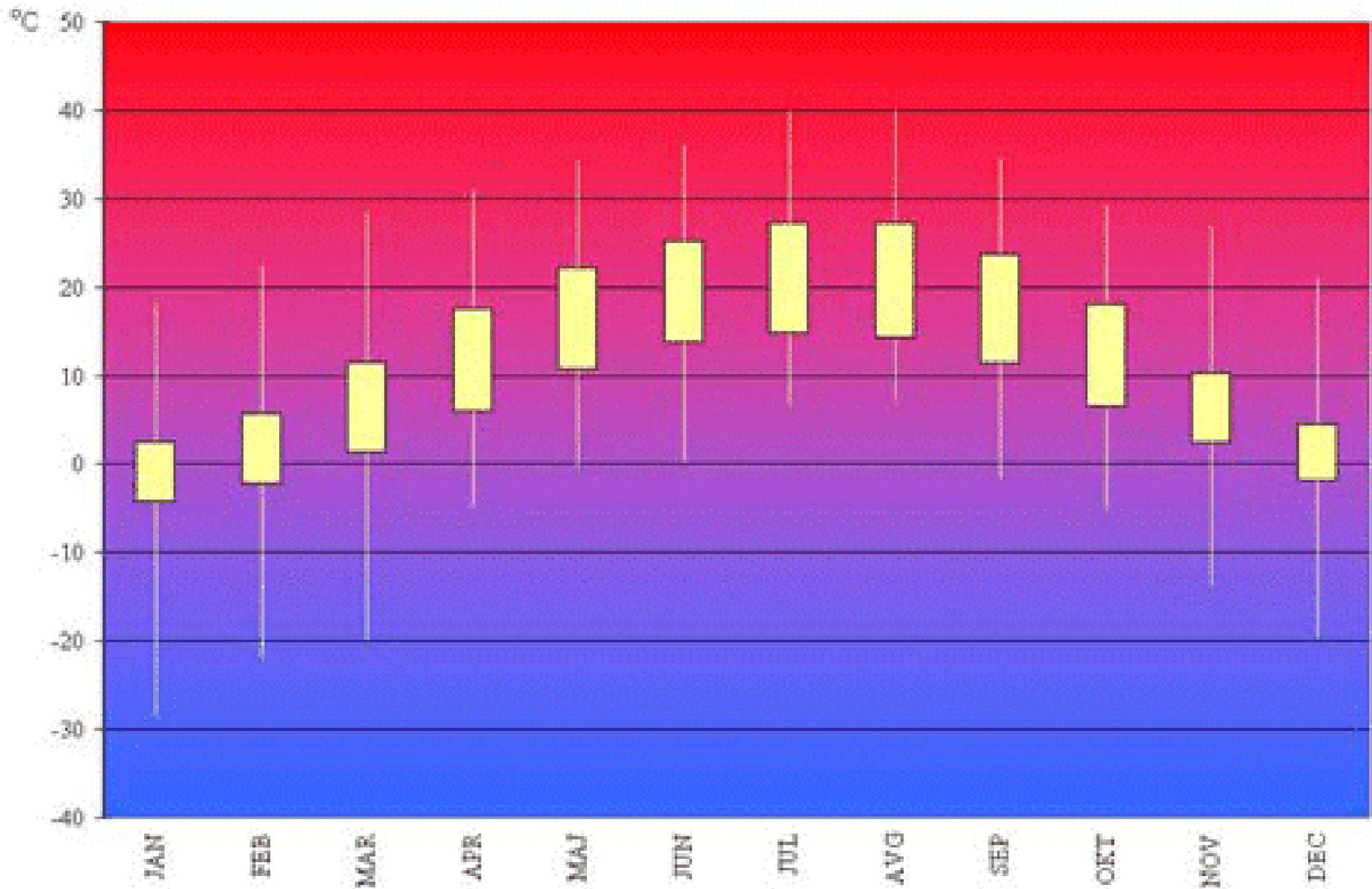
Crop: (Extensive: 6 – 8 tons per ha – Intensive: 10 – 15 tons per ha.)

Quality of the fruits: (1st level reveals mould in small traces: 2nd level: 1 – 2% & 3rd level: 2 – 5% mould)

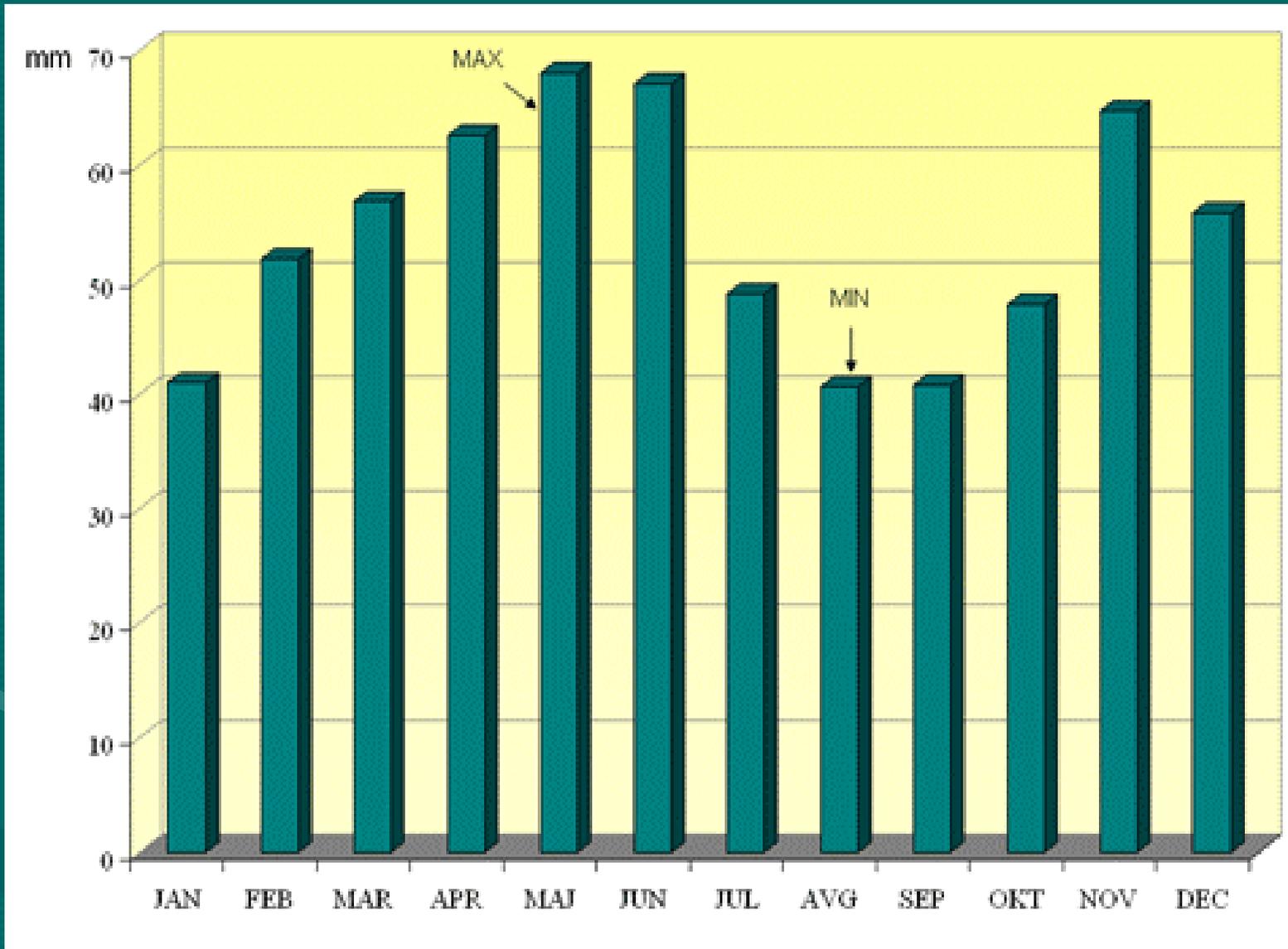
Using fruit:: (90% of all fresh raspberry is sent for freezing and processing)

Percent IQF: (30 – 40% of processed raspberry is IQF quality)

Temperature Graph



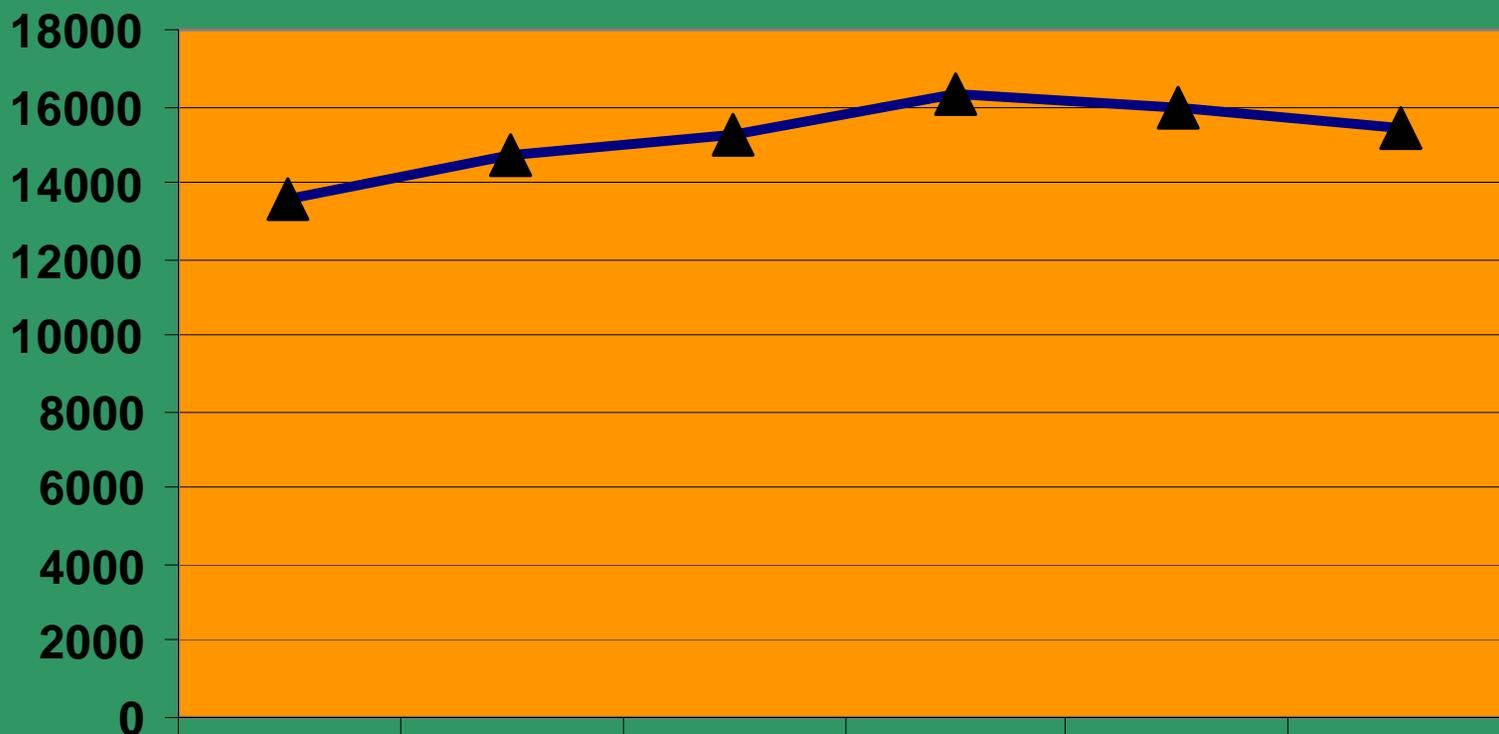
Rainfall Graph



Soft rock



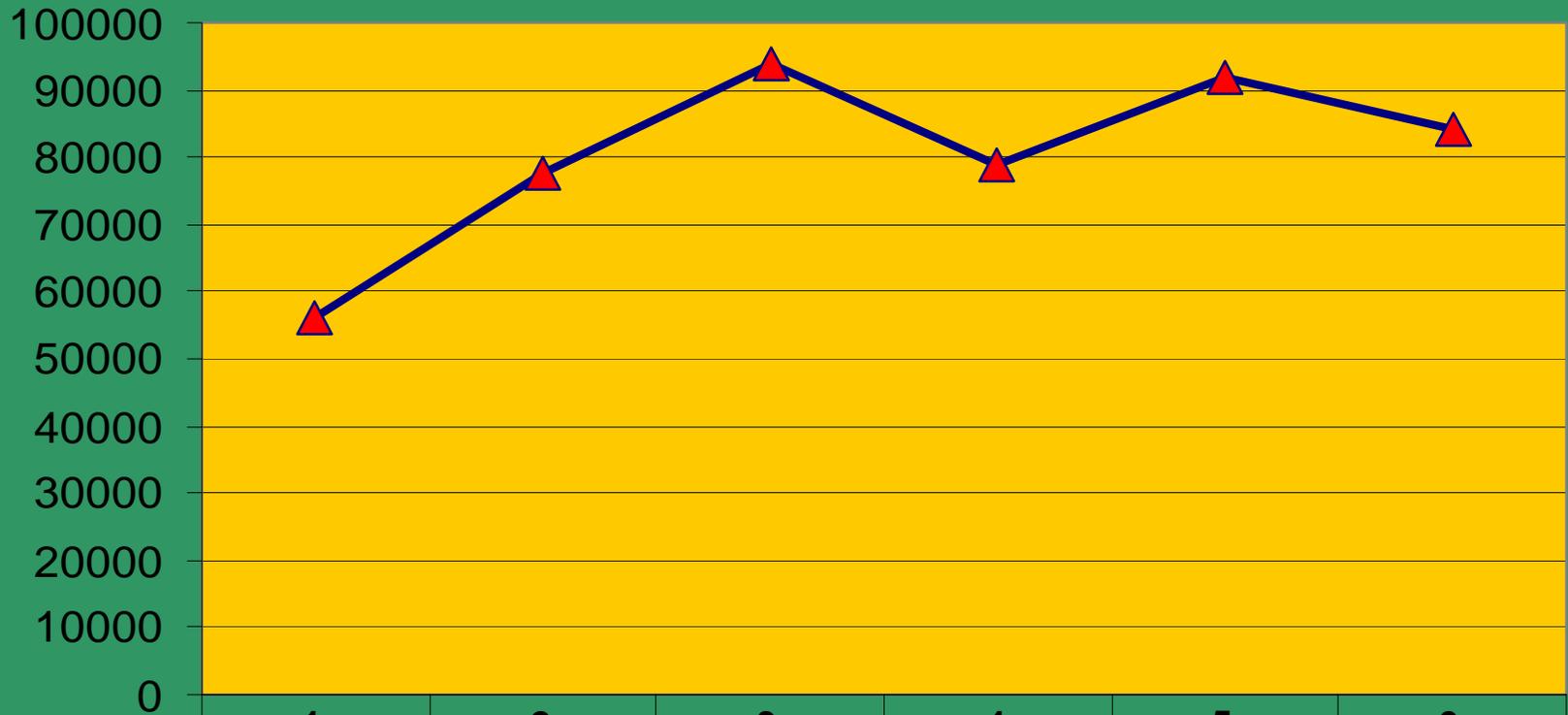
ACREAGE IN HECTARES



	1	2	3	4	5	6
▲ Series1	13579	14753	15293	16354	15995	15413

2000 - 2005

CROP IN TONS



	1	2	3	4	5	6
Series1	55999	77781	93982	78974	91725	84331

2000 - 2005



Leskovac - Gradasnica



Leskovac-Babicko: Free village lands converted to raspberry fields



Leskovac_Babicko: Farmers used partial rows for cultivation and harvesting



Kopaonik - area



Velika Vrbnica



Ples



Ivanjica



Ivanjica



Valjevo-Pecka



Arilje - area



Arilje



Sabac



Tulameen



Ljubovija



Ljubovija





Visitors from the World Raspberry Conference: May 2006