



Yield characteristics and analytical results of berries of the new German Seabuckthorn variety 'Habego' (Orange Energy®)

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HABEGO – ORANGE ENERGY®



- 1980 – crossing of Leikora and Pollmix 2
- Proofing over many years on different locations in Germany
- 2007 – European variety right protection
- Orange Energy – registered trade mark
- Recommended for plantations



HABEGO – ORANGE ENERGY®



Plant characteristic

- Strong growing bush with lot of branches
- Plant distance in rows 1,50 – 2,00 m
- Good regeneration after cutting
- Harvesting every two years
- No problems with Verticillium
- High berries yield/bush
- Frost resistant up to – 25 °C

7.9.2010, 'Habego', 3. year after planting,
irrigated



GÜLZOW - LOCATION CHARACTERISTIC



- 15 m over sea level
- Soil - loamy sands
- Agricultural comparative figure 35 – 40
- Average yearly rainfall 650 mm
- Existing irrigation system



February 2012 – best conditions for 2012 harvest

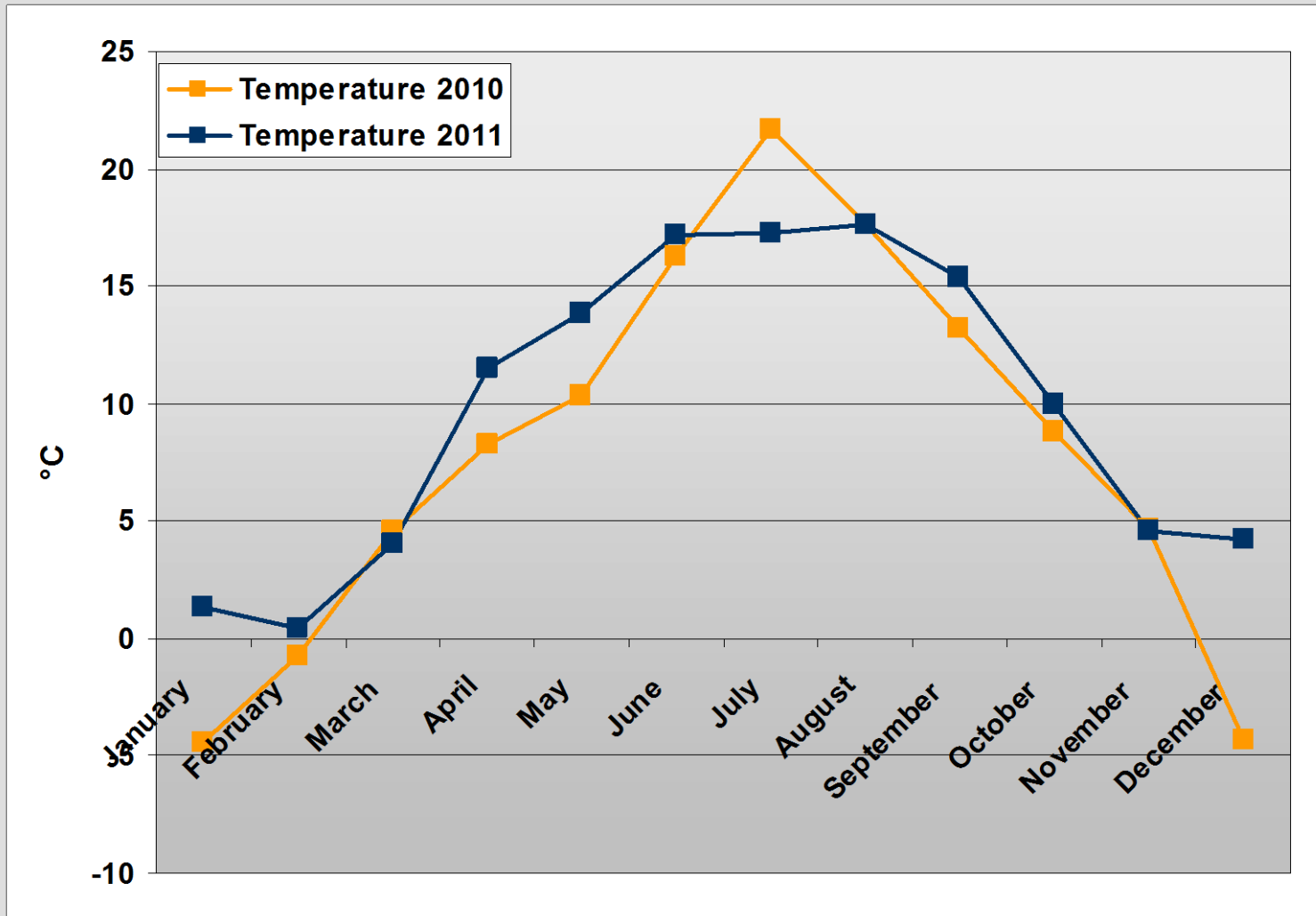


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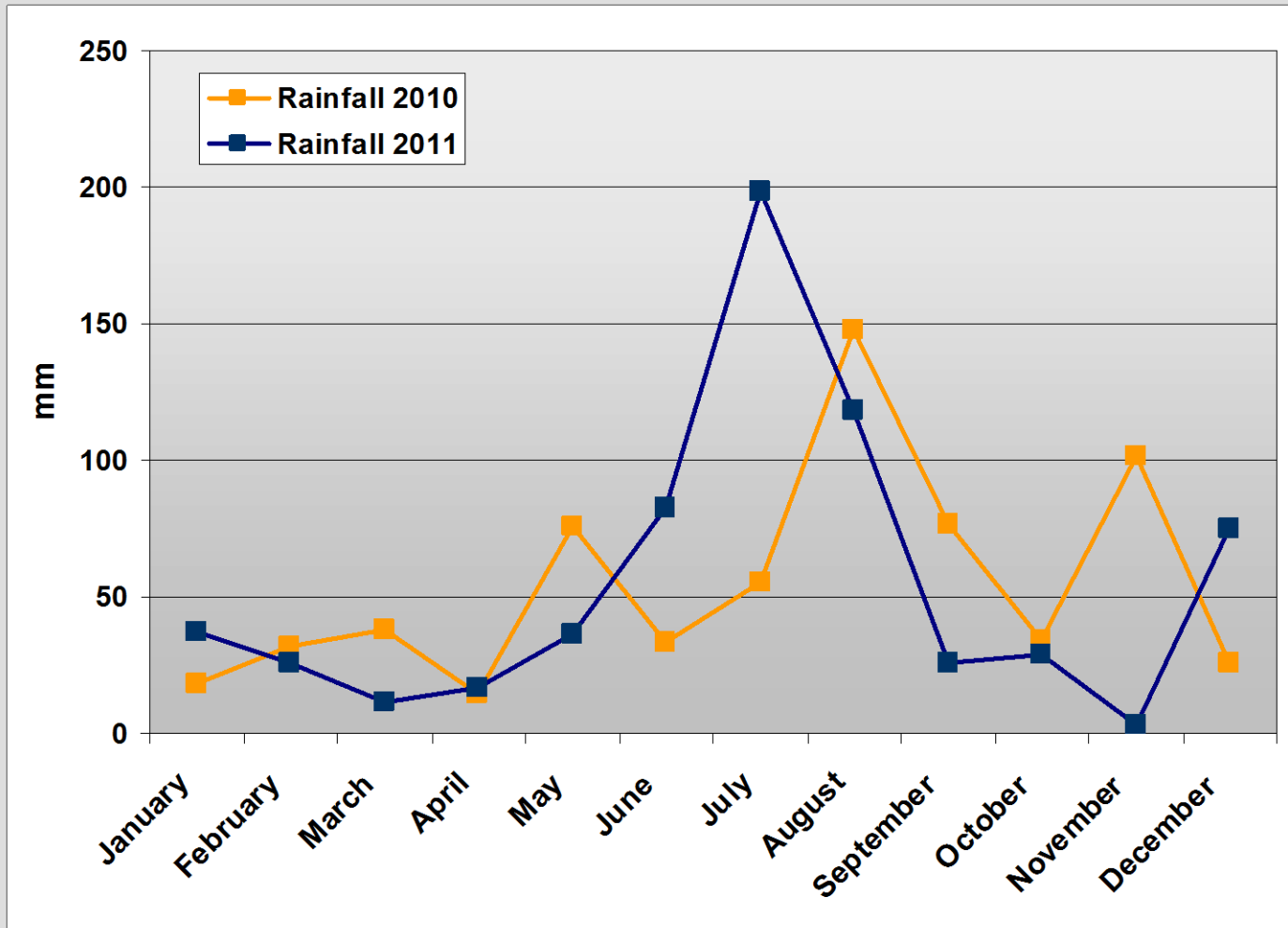
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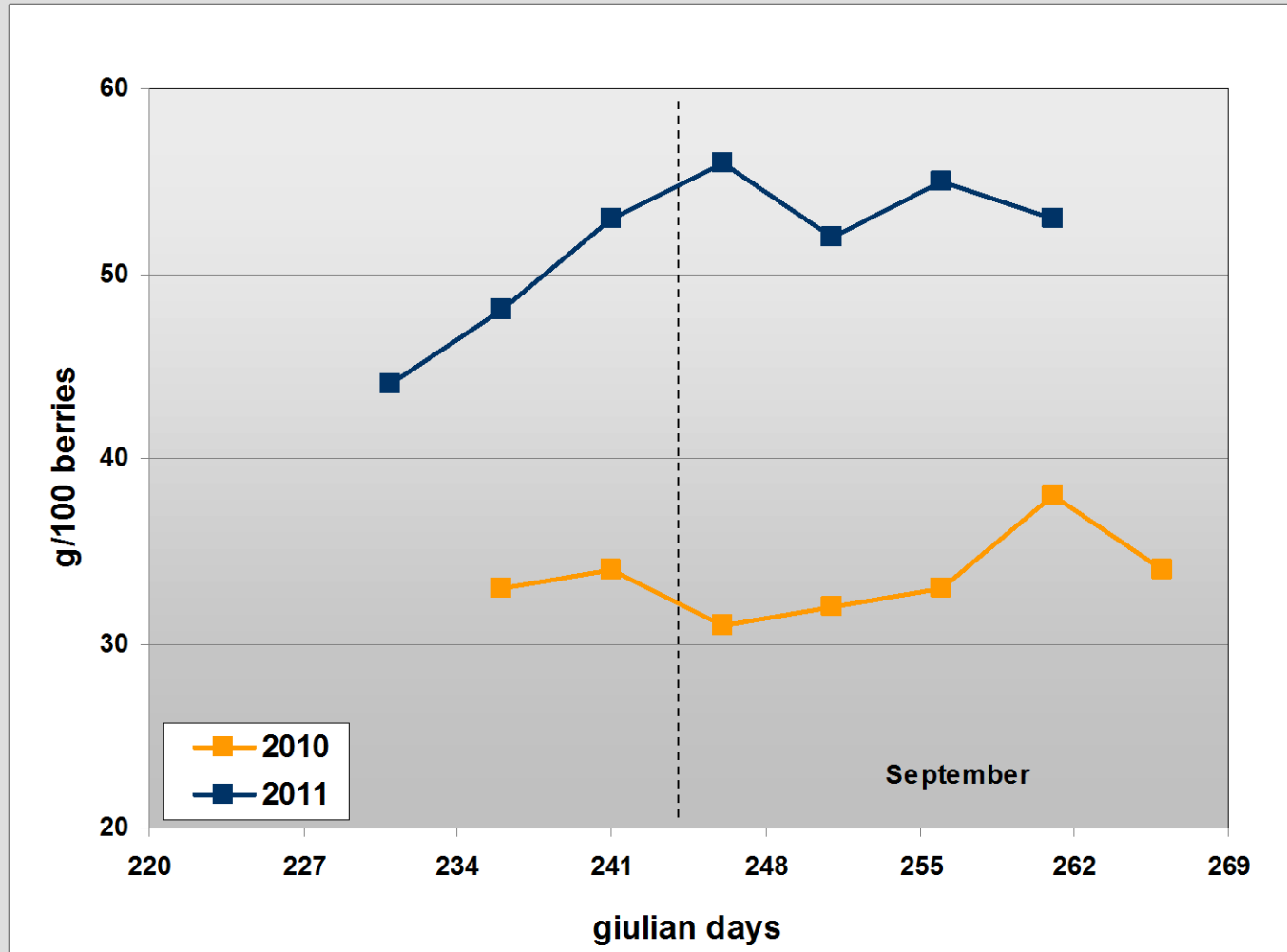
AVERAGE LOCATION TEMPERATURE



AVERAGE RAINFALL



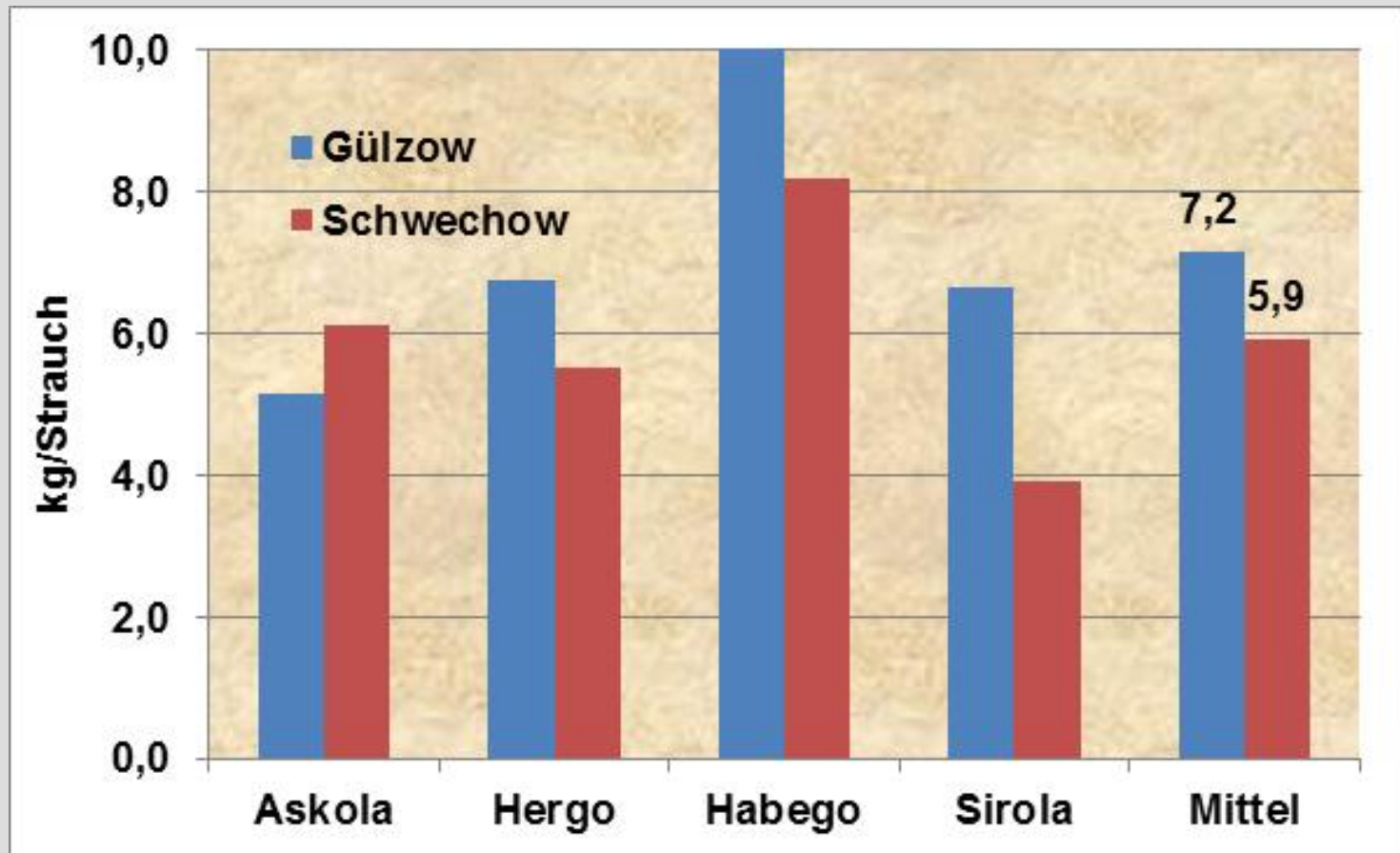
BERRIES WEIGHT



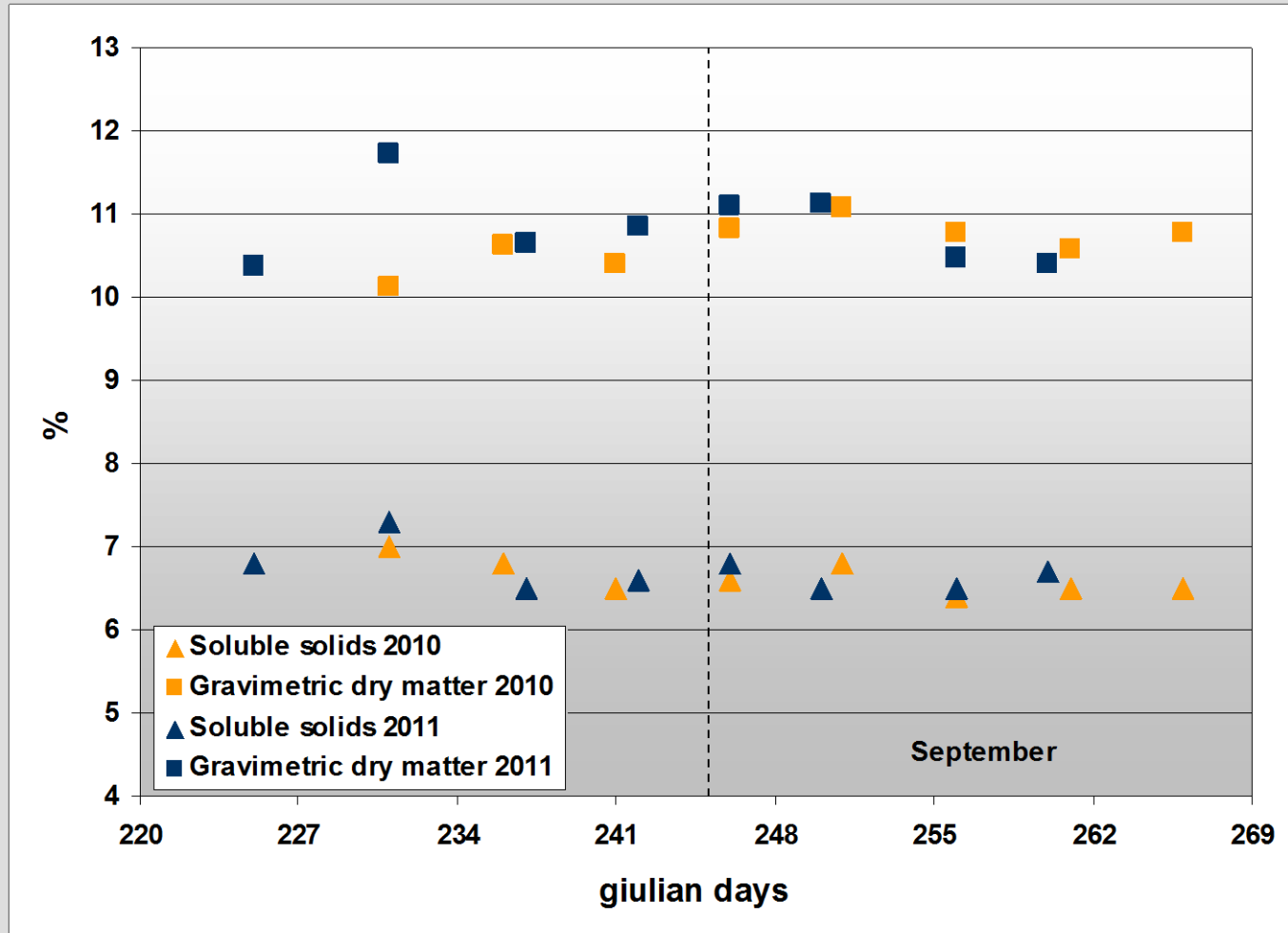
COMPARISON WITH OTHER VARIETIES



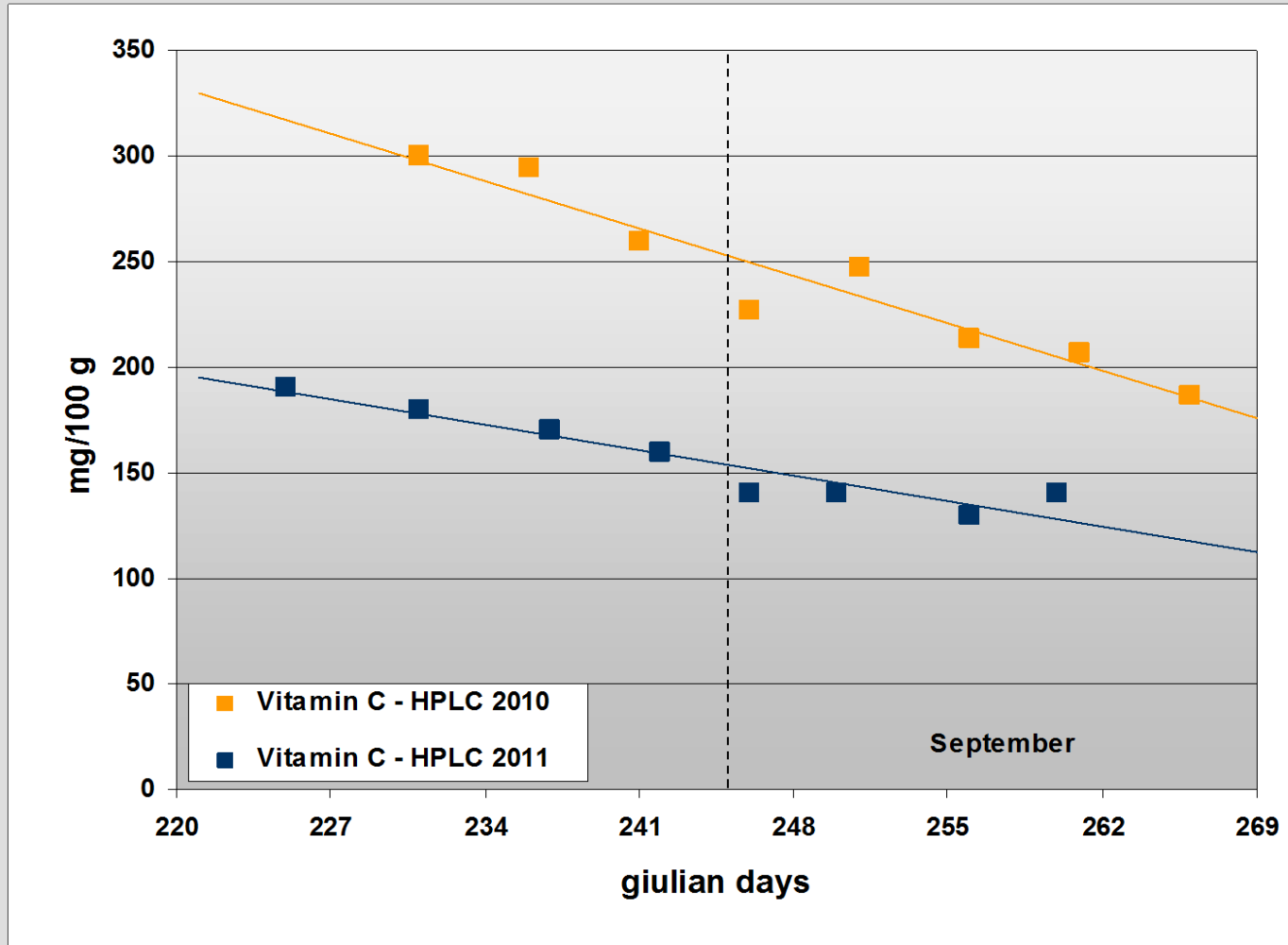
Yield of different Sea Buckthorn varieties ,
average from the harvests 2007, 2009 and 2011



SOLUBLE SOLIDS AND GRAVIMETRIC DRY MATTER

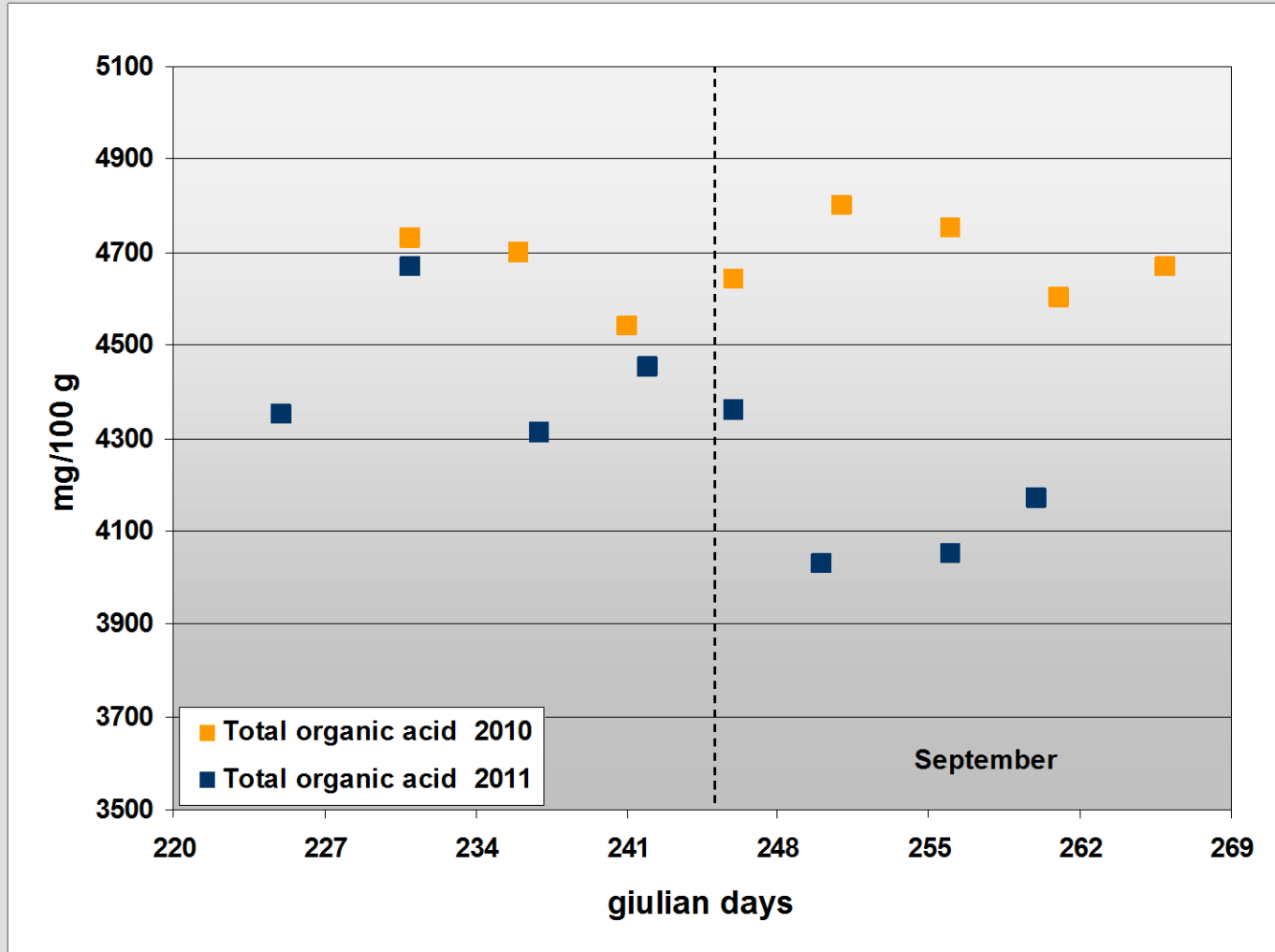


VITAMIN C

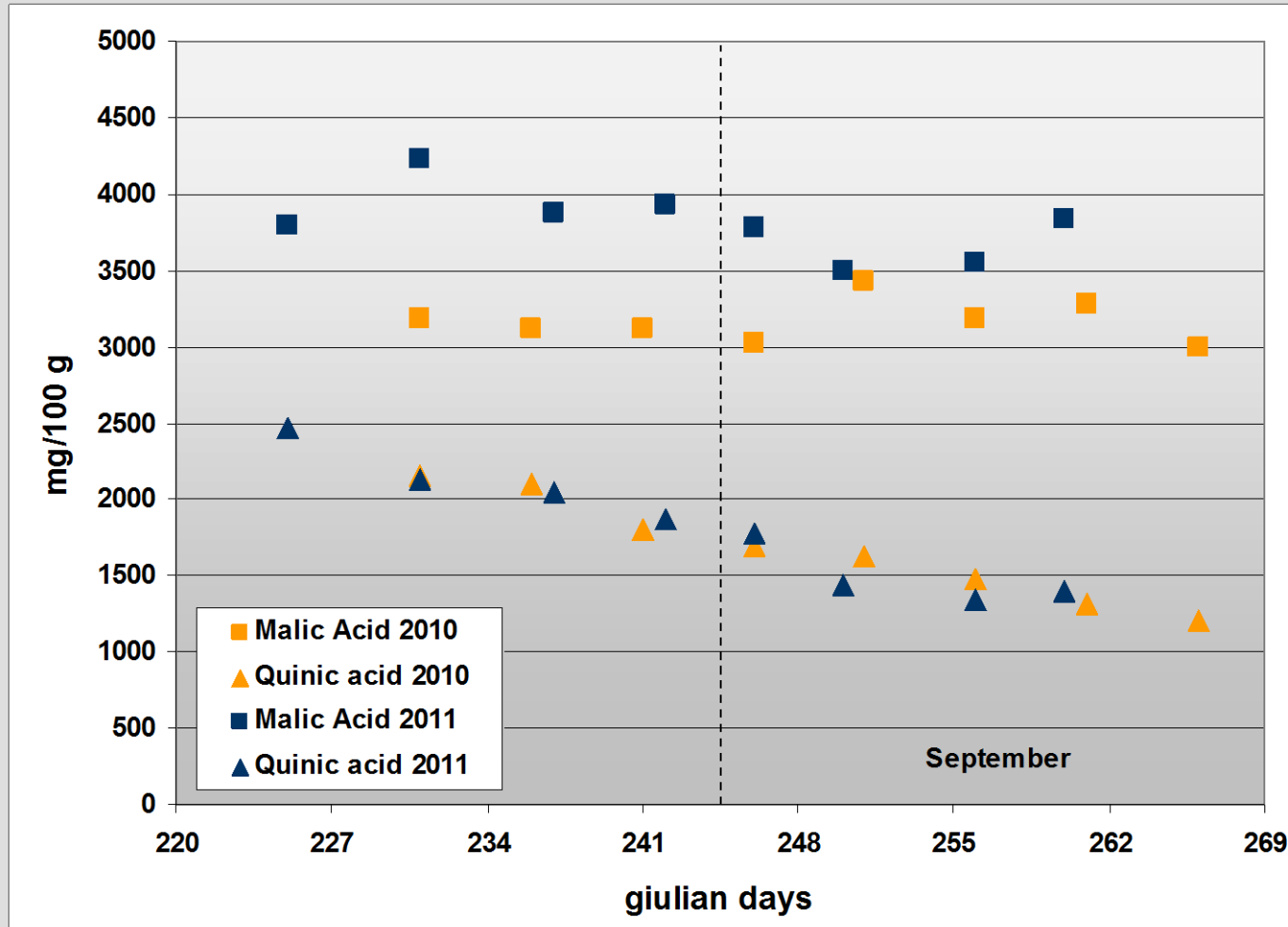


TOTAL ORGANIC ACID CONTENT

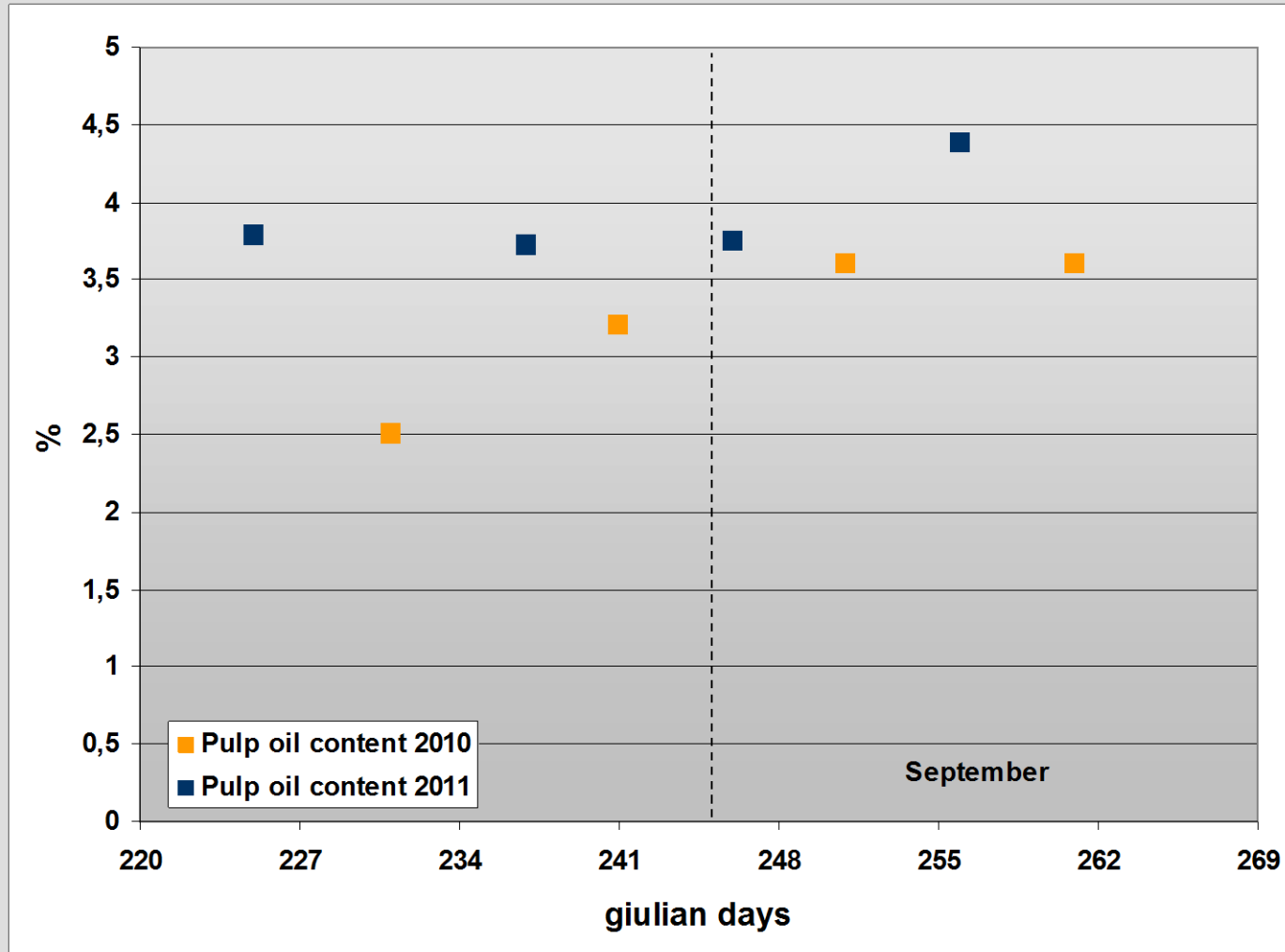
TITRATION AS TARTARIC ACID



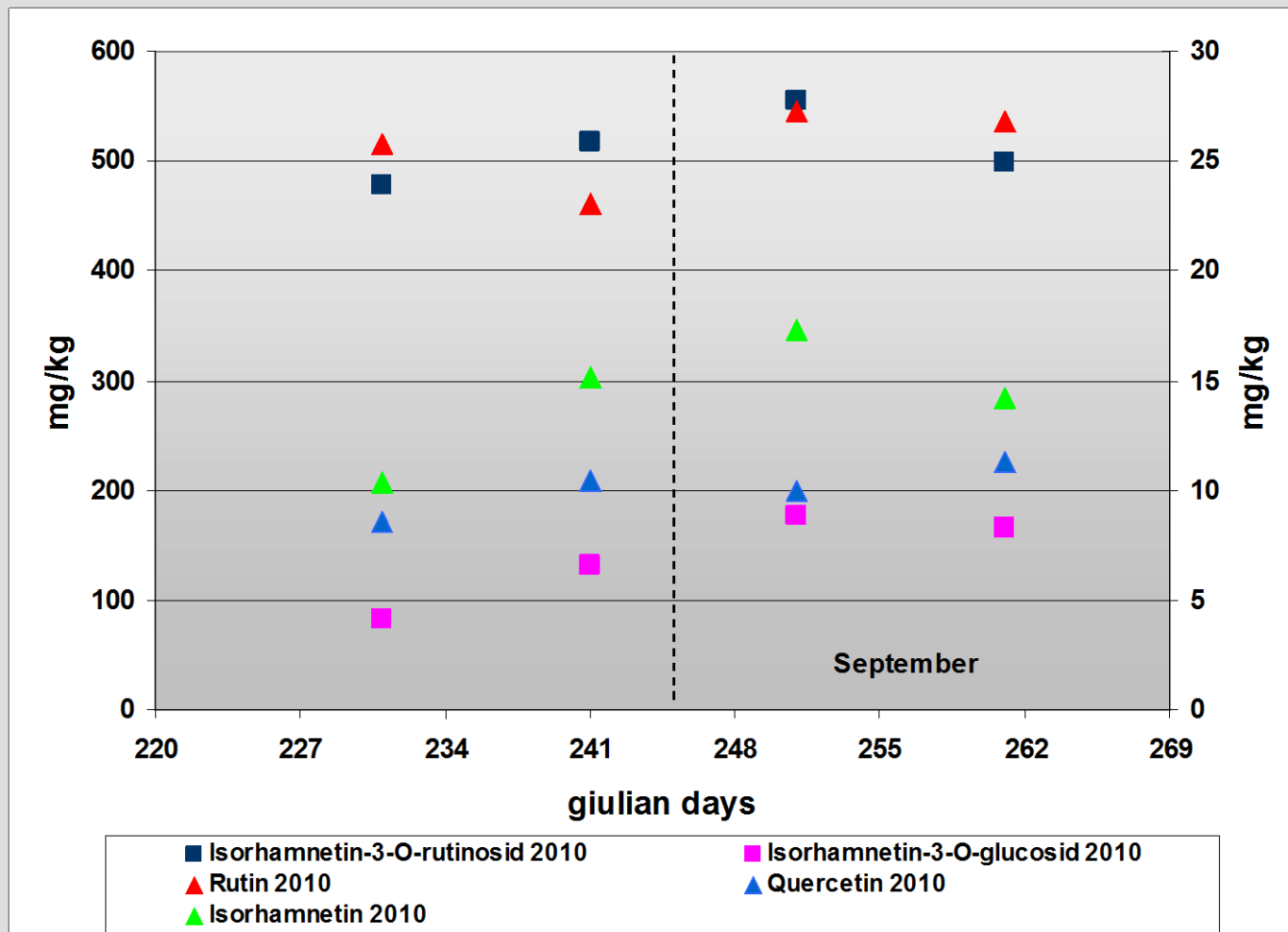
MALIC AND QUINIC ACID



PULP OIL



FLAVONOIDS 2010



COMPARISON WITH OTHER VARIETIES

Results of 2009



	Sirola	Hergo	Habego	Leikora
Soluble solids %	6,7	7,1	6,9	6,6
Organic acid (tartaric acid) g/kg	31	36	39	30
Vitamin C g/100 g	190	170	200	260
Pulp oil %	2,7	1,6	4,5	4,3
Seed oil %	n.d.	n.d.	12,5	14,0



THANK YOU



HABEGO



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