

Workshop on:

"Valorisation of traditional Processing of indigenous fruits" Under the project of "International network on preserving safety and nutrition of indigenous fruits and their derivatives" funded by Leverhulme Trust, UK

Wine Production from Cambodian Indigenous Fruits: the Case of Jamun, Mango and Tamarind

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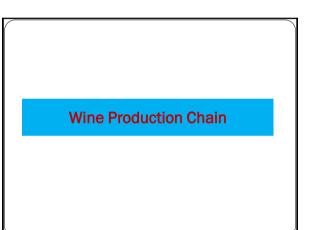


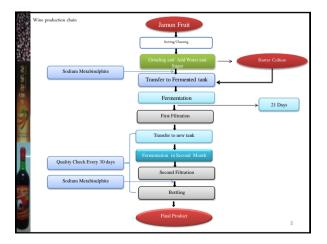
14th-16th January 2013 Sunway Hotel, Phnom Penh, Cambodia

Outline

- Jamun wine processing/production
- Mango wine processing/production
- Tamarind Liqueur (Ampel Meas) production/production











		Some Analytical Data												
Note and	Trts	рН		TSS (°Brix)	Reducing sugar (%)		Methanol (%)		Tannin (mg/100ml)					
动物	T1	3.80	0.06	9.83	1.82	9.50	0.05	0.82	2.07					
3	т2	3.73	0.08	9.67	2.05	8.30	0.03	0.89	4.33					
	тз	3.73	0.06	9.23	1.22	9.40	0.03	0.70	3.00					
	Chemical analysis of Pring wine after one month fermentation for different yeast Saccharomyces cerevisiae, Saccharomyces ellipsoideus, and dry yeast (Saccharomyces spp.)													

		Some Analytical Data										
and the second se	Trts	рН	TA (g/L)	TSS (°Brix)	Reducing sugar (%)	Ethanol (%)	Methanol (%)	Ester (mg/l)	Tannin (mg/100ml)			
in the B	т1	3.6	0.16	8.67	3.76	10.17	0.05	0.28	1.11			
	т2	3.5	0.25	8.50	4.01	9.00	0.04	0.29	0.89			
	тз	3.6	0.19	9.00	5.06	9.73	0.07	0.32	0.94			
				ysis of int of y		e after or	ne month f	ermenta	tion for			

		Some Analytical Data												
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	Chamical applying of Bring wing after and month formatistion													

Chemical analysis of Pring wine after one month fermentation for different amount of water



Mango Wine Processing



Raw mango preparation



Chemical substance analysis of mango wines

Some Analytical Data

Trts	рН		TSS (⁰ Brix)	Reducing Sugar (%)	Ethanol (%)	Methanol (%)	Ester (mg/l)
T1	3.6	0.23	9.7	5.51	9.0	0.015	0.467
T2	3.7	0.25	9.8	5.58	9.4	0.020	0.428
T3	3.7	0.24	10.0	6.01	8.6	0.017	0.505

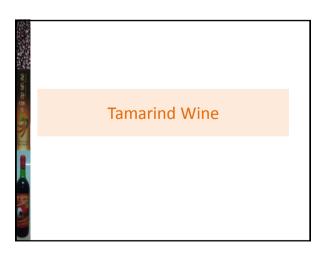
Chemical substance analysis of mango wine after one month fermentation for topic of different yeast

Some Analytical Data											
Trts	рН	TA (g/l)	TSS (⁰ Brix)	Reducing Sugar (%)	Ethanol (%)	Methanol (%)	Ester (mg/l)				
T1	3.40	5.2	8.7	3.53	9.93	0.046	0.211				
Т2	3.23	5.0	8.2	3.00	10.03	0.051	0.375				
Т3	3.20	4.5	7.5	2.50	8.77	0.042	0.129				
Chemical substance analysis of mango wine after one											

Chemical substance analysis of mango wine after one month fermentation for topic of different water

Some Analytical Data											
Treatments	рН	TA (g/l)	TSS (⁰ Brix)	RS (%)	Alcohol (%)	Methanol (%)	Ester (mg/l)				
тı	3.5	2.7	9.6	4.3	9.4	0.02	0.08				
T2	3.5	3.4	7.4	0.3	10.6	0.02	0.08				
T3	3.5	3.4	7.4	0.3	10.6	0.02	0.08				
Chemical substance analysis of mango wine after one month fermentation for different mango											





Tamarind Liquors

- Ampel Meas : A liqueur made from tamrind and rice liquor.
- The rice liquor is produced by famers in Takeo Province under technical support and quality control by RUA, Nagoya University and Japanese technical experts.
- Run by C.J.H.A.P "Cambodia Japan High-quality Agroproduct"
- JICA Grass-Roots Project on Development of Agroprocessing Technology through Rehabilitation of Traditional Industry in Camvodia





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Thank you very much for your kind attention