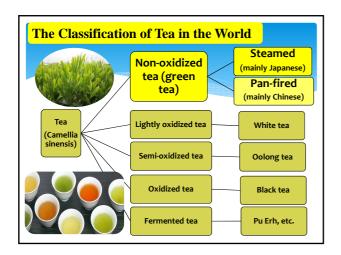
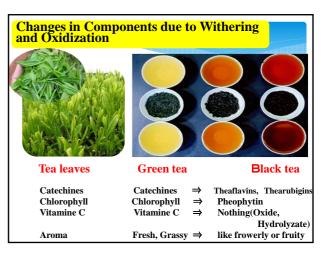
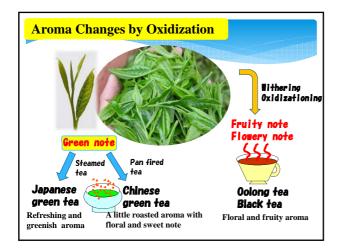


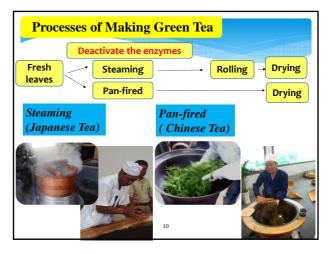


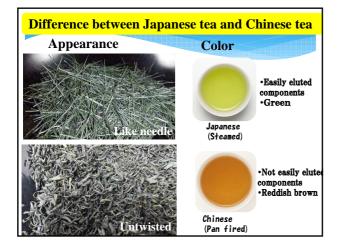
Mountain area Field







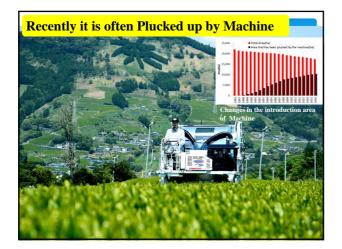






Cultivation of Japanese Green Tea												
Fertilizer application Deep plow subseller Time of fertilizer application in Shizuoka Prefecture												
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Fertilizer Dressing Growth of new shoots		Spring dressing	Pop-1 dressing	dressi 1s	ngI Deep Plowing	Summer dressingI 2th Pluck	Ca-Aut Vg* d 3th ing Pl	ressing	4th A Plucking 5	utumn Skiffing		

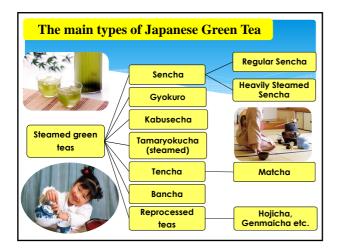


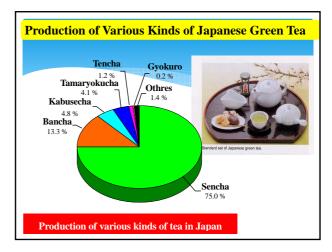








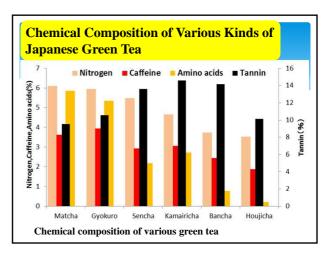






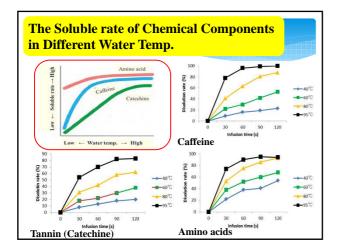


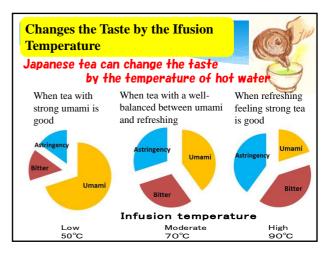




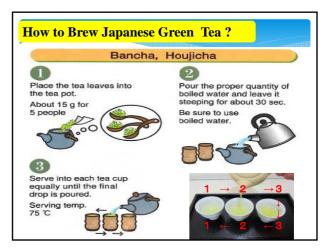
Major Com Tea and its		
The major com	ponent and the taste of tea	
×	ponent and the taste of tea Theanine	Sweet, Umami
The major comp Amino Acids		Sweet, Umami Umami, acidity
×	Theanine	
Amino Acids	Theanine Gultamic acid	Umami, acidity
×	Theanine Gultamic acid Epicatechin	Umami, acidity Bitter
Amino Acids	Theanine Gultamic acid Epicatechin Epigallocatechin	Umami, acidity Bitter Bitter



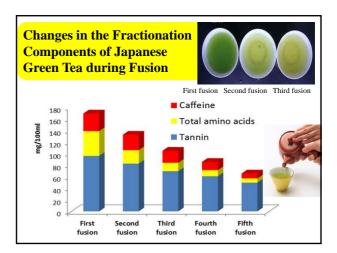




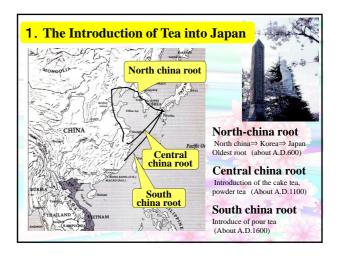




Standard Brewing Method for Japanese Green Tea							
		Number of persons served	Volume of teacup	Volume of tea	Temperaure of hot water	Volume of hot water	Infusion time
		persons	ml	g	C°	ml	seconds
.	High grade	3	40	10	50	60	150
Gyokuro	Middle grad	3	40	10	60	60	120
e	High grade	3	100	6	70	170	120
Sencha	Middle grad	5	150	10	90	430	60
Houjicha		5	240	15	100	650	30
Bancha		5	240	15	100	650	30



Excellent Character of	Japanese Green Tea
1. Have a long history	7. Tea look a needle
2. Culturally rich	8. Color is green
3. Superior cultivar	9. Umami is strong
4. Beautiful tea field	10. V.C content is high
5. High technology	11. Good for the body
6. Steaming method	12. Matcha is super







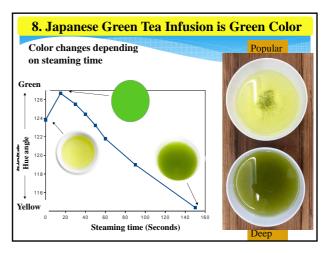


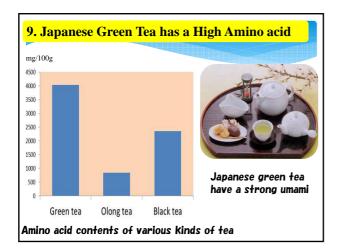


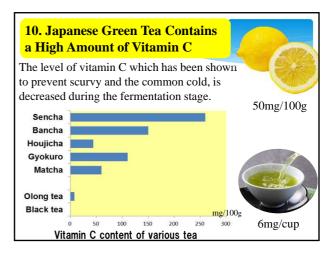












11. A Research on the Functionality of Green Tea is Initiated from Japan					
Green Tea Components	Contents	Functions			
Catechins	10~18%	Anti-oxidative, radioprotective, Anti- mutagenic, Anti-tumor, Enzyme inhibitory, Anti-hypercholesterolemic, Anti-hyperglycemic, Fat reducing, Anti- hypertensive, Anti-ulcer, Anti-bacterial etc.			
Caffeine	3~4%	Removal of fatigue, Sleepy feeling, Diuretic etc.			
Vitamin C	150~250mg%	Removal of stress, Cold prevention			
Vitamin B	1.4mg%	Excitometabolic action of carbohydrates and amino acids			
Vitamin E	25~70mg%	Anti oxidative, Aging prevention			
γ amino butyric acid	0.1~0.2%	Anti hypertensive			
Flavonoids	0.6~0.7%	Halitosis prevention			
Theanine	0.6~2%	Anti hypertensive			





