- Coffee bean is seed of coffee plant.
- -Dis, cherry
- Coffee been = seed



Arabica

- High altitude
- -70% production
- susceptible to insects
- need coring

Robusta

- -Sea level
- 30%
- Hard to insects
- -tligh in coffeine

Gereally quality: Arabice > Robuston

high and robusta > low end orebica

where to find.

= Robusto is used for filler/cost reducer.

Coffee Cherry

- Removed within few hours after horvest (exception in Natural)

-It is not edible like cherry, it is a by product

Muchloge

- Sticky sugary -> called honey

-Surrounds 2 seeds

-not unique to war coffee

Parchnert

Silver Str

Coffee been

Processing Coffee Beans

1) Notura L/Dried in the Fruit

- Topla
- Kurut
- Oldest method
- Good for when there is no water
- beens will keep many fruit flavor -> fruitful coffee.
- After drying pulp is removed mechanically

2)-Wet processing

- Skin is removed (mechanically) - Beens are put into fermentation tanks until muscilege is no layer stroky.
- Suger breaks down in term. (N12hours 6 days)
- Yapışlanlık grance halen musiley suile atılır.
- Fermenteten -> a cidity of coffee
- Washing after form fruit flower]

3) Pulped Natural

- Ferm. gapmaden musciles suite gitenir.
- -Pressure washing Juses less -> Seni Dry water
- -No form -> no risk of over form, -> quality
- -without ferm -> flovor is consistent but bland (forla fulli oliver)
- -Not used in superior coffee.
- we corely buy this

4) Honey Process

- Stan & pulp ar removed
- Some or all of muscilege renems

honey pulped washed reber) voice form. Less Ferm. pulped knoney washed Natural (more dib) (fermentetien) (low acrdity) Roosting Row green beans -> brown beans Lybord as unpopped popcoin roastreple 130-220°C, 30sec-15mhutes -Piserleen randéki have buhen olup addirdegi yariyor. Drum Loasting = Smaller sole (small batch) -> 5-12 olig per batch slower - quality 1 -230°C, 12 M1/ - eliminates all ocidic flowers Hot air Poasting - Less time -Industrial react with each other -> Maillard reactions Roasting 1 -> oilescopes 1 -> glossy surface to surface

(3)

- When desired reasting - water -> cooldown O-3 minutes -> drying 3-8 -> yellowing 8-8.5 -> first crack (brown)
hear size doubles 2.5-10 devolument Generalize 11-14 My second crack med-light Surface is oily 15+ T) dork (sost L) ast usen tutorsen benerx Ly very oily hottert -> derhert -> flavor 1 early stee sign - acids - as coastry continues - across _ bitterness T -) betwe celerdeblumin roostry flower baskin alwyst. -Not heated after 1st cracle -> no oil in the surface Light Roast -Milder - Highest scidity - More coffeine

Medium Roost

-Heated after 1st crack.

- But before 2nd crack.

- Larger body > light roast
- No oil in the surface
- Acidic (but less)
- Alca American Roast

Medium Dark

- A few seconds may break things.

-Strong bittersneet after taste.

- Flavor and orona T

Dork Roosted

- Shing out layer (more oil) -> bardalta belli olabilir usually used for

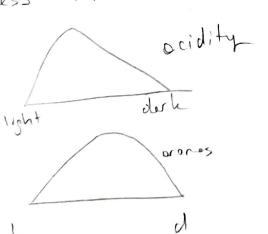
- Heated until end of 2nd creck.

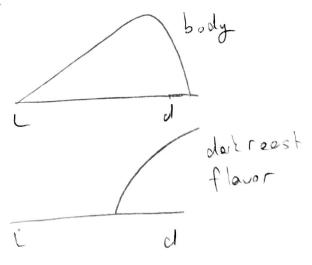
-240°C, not >250°C -> charcoal

- Original flower of coffee is gone

-Bitter, smoky, burnt taste.

-less catture than 19th mes.





Haban

espresso

Dorber color + more caffeine they are almost some but light > dut reest Coffe oil is not oil. Morsture + CHO -> corenelized. As a result of roestig, CO2 is produced G pressure 1 → crack -CO2 escape -> CO2 is acidic, less (O2 better D)

denlerhen bloom gapmess san zenen tens CO2 diserve aller -) @ CO2 repels water. Su koyulduğu zomen bubble yeper (coz aikisi). Coffee 13 fresh. 30-40s1 buble yaprasini belle, sonra breninge devan Roosting sirasinda cole ferte CO2 allegar fathert beende helizar. Bu y Jaden storage replande have delige var (patlonosin dage) very fresh y havalendirna " delible torbe

NOTUM

seal

et room

temp

Scored (fof)

14 200

coffee

Beens

in Low

refrigorob

6

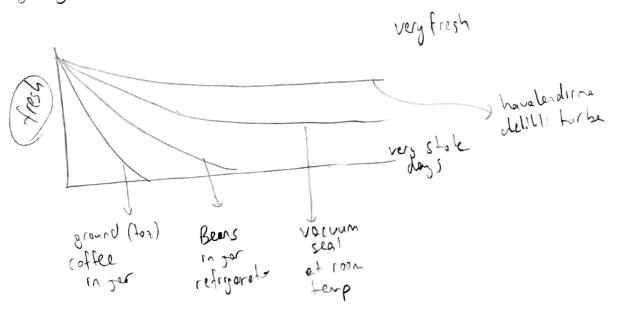
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- (0) escape) (02 is acidic, less (02 better Ly denlerhen bloom gapness sain zenan tans CO2 disoringe aller -) Q CO2 repels mater.

Su koyuldugu zomen bubble geper (coz artisi). Coffee 13 fresh.

30-40sn buble gaprasini belle, sonra brewinge deven

Roosting sirasinda cole ferle CO2 allegar fathert beende belizer. Bu y Tiden storage replande have deligi var (patlonesin dige)



Grinding Coffee - Smaller perticle, greater surface area - faster contents - Raye of particles (bischlib bigoldi) - hard to brew Small - over extract (bitter) Lylarge > less/ extract (week) Turkish Espresso Drip Coffee Coffee Fruch Press Chunky 0,000 Fire very medium Coarse (balin Brewing - Finely poudered beens + water + sugar in cezue - has to be drainte right away, initmerse ashelfi acitastirio French Su heyren notifesinden 017 1

Su heyren notifesinden 017 1

Ferres Zeman 615a

Sediment yok, uzun sire durabilir-Bez ile fildeleyerele - Drip pot DO 02 zone, 02 habre extraction breduced bifterness and astringency dyper flower her daha bestin

Morchhet Age Espresso -rapidly, for one customer -basina ile. - oil allign, try droplets - flower - power of the nechine - Adam suyu hagnetiger. Kahve leggrege unutmus. -Kehveyi Løyuna gözögor. Metal ile dibne ittiriger. -Suder de ha ar aleighen oliger behre. - Kahverin tudinin -> 3 rindry beens too coarsely -> a cicid leste of me medicial too for temp excessive fine grind horsh long contact time bitter high brew temp optime 1 85-33°C, high temp In brewing 20-25% of beens are subtracted.

Cup contains 1.3%-5.5% been solids by weight French Press -> E coarse grand as file

Percoleter -> Coffe mole pot de organi schilde

basing + Sicabilité le su legroy y visse ryor

Diserter behvern runder gruyer

Drip Coffee, Jet stille gravity pulls coffeed

may he weater woter pulled quicker Acropless - Kahveyi koj - Su chle -let it bloom (co2 citisin) - Date figle su oble -Ters couring , bos, filtreden servison -Forcing near boiling water through finely growd coffee at high pressure - cappucino ve affee latte yapinada da lullanligar -3 bar basina gerigor (cibazda 15 ber basina olirsa) -espresso does not contain hypher afeire. bless contact fre (30sec) -> less coffene -there is no filter, there is druiner Garana 15 not lost

Cold Brew

-(Not) espresso hased over the - Coffee grounds are steeped in noter nechais. - Then dilute to teaster served chilled -Sical denlemeder forkli tatlor alligor. - Sneeter them American or filter coffe, Loner ocidity -Doesn't raquire electricity Americano -) espressoga su latilorele cihozder arker, elistre su yok Filtre beelive , torones Lungo - 223 espresso. Log bleck -> sicale suya espresso hatilaret. smooth & creary wetwik month with mile

nocha

Turkish (offee - Arabica is considered best, but robusta or blend is also used - Very finely ground - Coffee + water + Sugar in ce zue Sonracle ellemyor o guzder basta ssylogorsun - Ordanon, mestre vega salep eleberabilizar. Kunde hehre pissime - altinda sicablik va. Line heder batirissen o heder sicale Ly hontrol edebiligarson Mille and cream reduce astrogency but these also bond aroma medians overall coffee flavor Decaffeinated Coffee - Soale green beens with water - extract coffene by addry a solvent. - Steen the bears to evaporate remaining solvent -ord coffee -> 60-180 mg per cup decet -> 2-5 mg Instart Coffee - 170 derecese hoynotip besing the extrection. -Deho serra nater is renoved -Dehn serra

-Dehn serra

1- Spray dry, nornel segut. Goz-sivi-keti.

1- Spray dry, nornel segut. Goz-sivi-keti.

2- Freeze -> bosinci dissor. Goz->heti, sivi yok. (Nesuafe)

2- Freeze -> bosinci dissor.

Gdeha pahali tehnologi pressure

(1)

(*) (offe contains some nutrients and high in antioxident Decet, cof. extrected using solvents. Does not have all beneficient.

(*) Cofferne, blan function 1, metabolism 1

(*) Alaborary Pertinson 1

(*) Type 2 dieleted

(*) Low rish liver disease

(*) Low depression, swill de

(*) Live Longer

(*) Cause anxiety, disrupt sleep

- oddrettre

- withdrawal sympthons

-Bazi bremed hehvelorde lesti holestrola arttiren medde olestiger. GBoiled, pluger pot, espresso.