DOI: https://doi.org/10.20372/jdq.v3i1.1579
ISSN: 2521-8336 (Print) and 3005-7647 (Online)
Jornaalii Dilbii Qorannoo
Jor. Dilbii, Amajjii-Waxabajji 2025, 3(1), 101-119
Fuula Manaa: https://journals.wgu.edu.et

Qorannoo Asilii

Qoricha Aadaafi Shaakala Eegumsa Fayyaa Namootaafi Bineeldotaa: Godina Wallaggaa Bahaa Aanaa Heebantuu Irratti

Margaa Gammadaa
Muummee Afaaniifi Ogbarruu Oromoo, Yuunvarsiitii Wallaggaa, L.S.P. 395, Naqamtee, Itoophiyaa

Axereraa

Kaayyoon qorannoo kanaa akka aadaatti, hawaasni Aanaa Heebantuu dhibeelee dhukkuboota namaafi bineeldota miidhan dandamachiisuuf shaakala beekumsa xabboo gargaaraman qo'achuudha. Saxaxni qorannichaa sanyaabsa ta'ee, mala akkamtaatti dhimma ba'ameera. Iddatteessuun ilaalchisee, Aanaan Heebantuufi gandoolee afur mala kaayyeffataan kan adda ba'an yoota'u, hirmaattonni ammoo dhiirota (12)fi dubartoota (3) mala darbaa dabarsaan filatamaniiru. Odeeffannoo walitti qabuuf meeshaalee afgaaffii gamisa caaseffamaafi marii garee xiyyeeffannoo hojiirra ooleera. Odeeffannoon funaanames gabatee keessatti roga rogaan qindaa'ee qaacceffame. Argannoon ijoo adda ba'e, dhukkuboota bal'inaan qorichi qophaa'uuf dhukkuba madaafi garaa ciniinnaadha. Qoricha dhukkubootaaf qophaa'u ilaalchisee, dhukkuboota 116f biqiltoota 75 irraa qoricha 126; dhukkuboota 25f bineeldota15 (bineensa bosonaa, balali'oo, beelladaafi ilbisoota) irraa qoricha 17; akkasumas, dhukkuboota 4f albuudota 4 (biyyoo, bishaan bulluqa, daaraa diimaafi nadhii dammaa) irraa qorichi 4 akka qophaa'u adda ba'eera. Darbee, yoomessaafi akkaataa tajaajila qorichaa irratti dhukkuboonni 52(%44.82) ganama, 38(%32.76) yeroo dhukkubbiin itti dhagaa'amuufi 16(%13.79) galgala yeroo hirribaa ta'uu adda ba'eera. Waliigalatti, qorannoon kun dhimma ijoo guddaa yeroofi baajeta bal'aa barbaadudha. Kanaaf, umurii bu'ureffatee, hanga fadhatamu, amantaa, safuufi laguu hawaasaa qoricha aadaan walqabatu bira ga'uun hindanda'amne. Haata'u malee, dhimmi kun fayyaafi dinagdee biyyaaf shoora olaanaa waan qabuuf ogeeyyonni fayyaafi qorattoonni aadaa waliin ta'uun osoo bal'inaan qoratanii kan afeerudha.

Article Information

Article History:
Received: 24-05-2024
Revised: 15-11-2024
Accepted: 04-05-2025

Jechoota Ijoo: *Qoricha Aadaa; Beekumsa Xabboo; Eegumsa Fayyaa; Shaakala*

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1. Seensa

Akka hiika Dhaabbata Fayyaa Addunyaatti qorichi aadaa "gochaalee fayyaa, malawwan, beekumsaafi amantaa qoricha biqiltootaa, beeyladaafi albuuda irratti hundaa'ee ta'ee, wal'aansa hafuuraa, tooftaa harkaafi shaakala qofaasaa ykn walitti makamuun dhukkuba yaaluuf, adda baasuuf, ittisuufi fayyaa eeguuf hojiirra oolu" (WHO, 2005). Akkasumas dhukkuba yaalu, adda baasuu ykn ittisuuf kan gargaarudha (WHO, 2002 fi Carlo, fi kaan, 2004). Beekumsi qoricha aadaa xabboo kun aadaa, barsiifataafi duudhaa waliin walqabata (Kundu fi Bag, 2012); akkaataa aadaatiin itti fayyadama qorichootaa biqiltootaafi sirna yaalii dhukkubaa hammatedha (Haile fi kaan, 2008'fi Kebebew, 2016). Beekumsi kun hawaasni kaayyoo guddinaaf gama hundaan naannoo isaa akka fooyyessuufi jijjiiru Jain fi kaan (2014); akka guddisu, misoomsuu Aragaw fi kaan (2020)fi kunuunsuu waan taasisuuf baay'ee barbaachisaadha (Getnet, 2017; Selamawit fi Zerihun, 2022).

Kanaaf, biyyoota guddatan keessatti fayyadamni qoricha aadaa qoricha dabalataa /*cultural* a*ltemative medicine (CAM)* jedhamee waama (Haile fi kaan, 2008; Kidane, fi kaan, 2018). Gama biraatiin, qorichi aadaa Afrikaa Oliver-Bever (1986), Pearce (2000), Chivian (2002)'fi Tshehla (2015) beekumsaafi gochaaleen, ibsamuu danda'u ta'uu baatus, walitti makamuu waliigalaa, dhukkuboota qaamaa, sammuu ykn hawaasummaa adda baasuu, ittisuu ykn wal'aansa keessatti kan itti fayyadamaniifi muuxannoo darbe irratti qofa kan hirkatanidha (WHO., 2001, WHO., 2004).

Qorichi aadaa, biyyoota guddachaa jiran hedduu kan akka Eeshiyaa, Laatiin Ameerikaafi Afrikaa keessatti fedhii kunuunsa fayyaa jalqabaa ummataa guutuuf tajaajila (WHO., 2000; WHO., 2003). Itoophiyaa keessattis qorichi aadaa sirna eegumsa fayyaa keessatti gahee olaanaa qaba (Yadav, 2013). Kanaaf, ummanni %80 ol fudhatama aadaa irraa kan ka'e, qoricha aadaa irratti kan hirkatudha (Mathews, 1999fi Bussa fi Gemeda, 2018).

Kunimmoo, baasii xiqqaa ta'een kan argamuufi dhaabbilee fayyaa ammayyaa argachuu dhabuu irraa kan maddedha (Amare, fi Getachew, 2019; Alemu, fi kaan, 2024). Ummanni Itoophiyaa harki guddaan baadiyyaa jiraatu, tajaajila fayyaa argachuun qormaata ijoodha (Ray, 2014). Kana malee, qabeenyi damee fayyaa keessa jiru (hojjetoota fayyaa, qabeenyiifi qorichi) daangeffamaadha (Alves, fi Rosa, 2007). Qormaanni guddaan qaawwa tajaajilaa daangeffameefi ummata barbaadu gidduu jiru akkamitti akka dhiphisuu danda'amu murteessaa ta'uu (Transitional Government of Ethiopia Health Sector

Strategy, 1995) himameera. Bara 2003/2004tti yoo xiqqaate ummati %30 tajaajila fayyaa idilee akka hinarganne ibsameera (Freeman fi Motsei, 1992). Rakkoo kanaaf, gumaacha guddaa kan taasise hanqina hakiimotaafi ogeeyyiin fayyaa ta'uu isaati (Nakta, 2002). Giddugaleessi reeshiyoon hakiimaafi baay'ina ummataa biyyaalessaa 1:51042 yoo ta'u, hakiimonni magaalota gurguddoo sadii keessatti argaman keessaa %35 ol yoo ta'u, baay'ina ummataa waliigalaa keessaa %4.7 qofa tajaajilu (Federal Democratic Republic of Ethiopia Ministry of Health, 2004).

Kanarraa kan ka'e, waggoota dhiyoo asitti qorichi aadaa sirna fayyaa keessatti gahee olaanaa akka qabu hubatameera (Stewart, 2007; Meena fi Rao, 2010). Mootummoonni biyyoota guddachaa jiran hedduunis barbaachisummaa isaa hubachuun sagantaalee damee eegumsa fayyaa keessatti gochaalee qoricha aadaa fayyaaf qabuufi bu'a qabeessa ta'an guddisuuf jalqabbii godhaniiru (Dawit, fi Ahadu, 1999; WHO., 2005; Amare fi Getachew, 2019). Innis beekumsa biqiltoota qorichaaf oolan walitti makuun kan qopheessan yoo ta'u, adeemsa shaakala fayyinaa hafuuraa keessattillee gahee guddaa kan qabudha (Kassaye fi kaan, 2006). Haata'u malee, beekumsi xabboo kun naannoo qorannoo kanaatti dhalootatti darbaa kan dhufe ta'us, jijjiirama aadaan dagatamaa deemuu, qabeenyi uumamaa oomishaalee qoricha aadaaf oolu hir'achaa dhufuuniifi namoonni qoricha aadaa qopheessan dhabamaa deemuu irraa kan ka'e, balaa baduutu isa mudachaa jira (Kalayu fi kaan, 2013). Kanaaf, qorannoon kun akaakuu biqiltootaafi albuudotaa wal'aansa namaafi bineensotaaf oolaniifi faayidaa isaanii galmeessuuf kan kaayyeffatedha (Williams fi kaan, 2011).

Itoophiyaa keessatti, daraaraa dabalatee biqiltoonni qorichaaf oolan gosoota 6500-7000tti dhihaatan akka of keessaa qabu adda ba'eera (Chali fi kaan, 2021fi Fekadu, 2001). Kanneen keessaa %12-19 biyyattii keessatti kan argamanidha (CBD, 2008). Biqiltoonni qorichaaf oolan kunneen gosoota wal'aansa namaafi beeyladaa adda addaatiif oolaa turaniiru (Heilbron fi Guttman, 2000). Akka argannoo qorannoo Itoophiyaatti, gara %80 ummanni namaafi %90 beeylada qoricha aadaa irratti kan hirkatan yoo ta'u, biqiltoonni qorichaaf oolan dhukkuboota namaafi beeyladaa tokko tokkoof gatii qoricha baay'ee bu'a qabeessa ta'e akka qaban (Gabriel fi Guji, 2014) agarsiisaniiru. Itoophiyaa keessatti amantaafi gatii hawaasni qorichaa aadaaf qabuufi, aadaan walqabsiisee baasiin isaa xiqqaa ta'uun isaa barbaachisummaan biqiltootaa qorichaaf oolanii guddaa taasise (Bekele fi Reddy, 2015, Gidey fi kaan, 2015; Melaku, 2021).

Hawaasa Oromoo keessattis beekumsa xabboo – qoricha aadaa naannoo uumamaa waliin haala walitti dhufeenya qabuun, fayyaa irratti hubannoo horataa dhufee jira (Abera, 2014). Hawaasichi beekumsa kana madaqsuuf yeroon walqabsiisee naannoo adda ta'e keessatti, haala galumsa aadaa isaatiin guddifataa dhufee jira (Fekadu, 2001fi Shosan, fi kaan, 2014). Beekumsi xabboo waliigalaa kun ammoo, kunuunsaafi bakka buusa naannoo uumamaa haala walitti dhufeenya qabuun taasifameen daddarbaa as ga'e (Hillenbrand, 2006); qaama kuufamaas qabaate (Melaku, 2021). Kunis aadaa, afaan, sirna moggaasaa, ramaddii, gochaalee itti fayyadama qabeenyaa, sirna, afuurummaafi ilaalcha addunyaa hawaasaa haala hammataa ta'eenidha (Hill, 2009). Kanaaf, shaakalliin beekumsa qoricha aadaa kun, sonawwan, aadaa, duudhaafi seera, muuxannootiin dhaloota itti aanutti ce'aa akka dhufe qorattoonni mirkaneessan (Kefalew fi kaan, 2015).

Ijoon qorannoo kanaaf qorataa kakaase, beekumsi xabboo durii kun dhalootaa dhalootatti darbaa kan dhufe ta'us, dabarsuu irratti ammoo, rakkoon bal'aan kan mul'ataa jiru ta'uu; itti fufiinsa beekumsa kanaa xiqqaachaa deemuun dhaloota balaa xixiqqaadhaaf kan saaxilaa jiru ta'uu qorataan habuuredha. Kunimmoo, kalaqa qorichaa ammayyaa xiqqeessa; qorattoonni gama aadaanis ta'e gama fayyaan carraa ragaa bal'aa argachuu hanqisa. Kanarraa kan ka'e, akka aadaatti namootaafi bineeldota dhibeerraa oolchuu qorachuun murteessaa waan ta'eef, qaawwaa qorataa kakaase keessaa kanneen isaan tokkodha. Kanarraa ka'uun gaaffileen qorannoo kanaan deebii barbaadan: 1. Akaakuu dhukkubaa kamiif jiinesii, sanyiifi maatii biqilootaa irraa qorichi aadaa qophaa'a?fi 2. Qorichi aadaa yoomessaafi akkaataa akkamii keessatti tajaajila? Jedhu irratti bekumsa xabboo agarsiisuuf xiyyeeffatame.

2. Malleeniifi Meeshaalee

Naannoo qo'annichaa ilaalchisee, qorannoon kun kan gaggeeffame Oromiyaa Lixa, Godina Wallagga Bahaa, Aanaa Heebantuuttidha. Iddoowwan qorannichaa kan filatameef, shaakalli hojii qoricha aadaafi yaada maanguddoota beekumsa qoricha aadaa qabanii naannoo sana jiran irratti hundaa'uunidha. Dabalataanis, zooni qilleensa qonnaaf (agro-climatic zones) mijataa ta'e yaada keessa galchuun Aanaafi Gandoota kaayyoodhaan filachuun xiyyeeffatame. Aanaan kun Oromiyaa Lixa kessaa Godina Wallaggaa Bahaa ta'ee, Finfinnee irraa Km 458 fagaatee argama. Naannoon kun, olka'iinsi lafa galaanarraa m. 2261' yoo ta'u gadi bu'iinsi lafaa galaanarraa m.1031.2dha. Haalli

qilleensa badda dareen 65 (%53.85)'fi baddaan 35(% 46.15), kan hammatamedha. Ho'i waggaa xiqqaafi guddaan °C14°-C26 yoo ta'u, waggaatti giddu galeessaan rooba mm. 2200dha. Laatityudii Aanaa kanaa 9°55'30 K_10°13'0''K. ta'ee, Loongitiyudii 36°18'0"B_36°32'0"B gidduutti kan argamudha.

Saxaxni qorannoo kanaa sanyaabsa. Saxaxa kanaan odeeffannoon walitti qabame qindaa'ee jechootaan addeeffameera. Hirmaattonni iddatteeffataman maanguddootaafi ogeeyyii qoricha aadaa fayyaa namootaafi bineeldotaaf qopheessuun tola ooltummaadhaan hojjetaa turanidha. Isaanis gandoota afur keessaa, dhiira 12fi dubartoota 3 waliigala rag-himtoota 15 mala akkayyoofi darbaa dabarsaan filatamanidha.

Tooftaa ittiin ragaan walitti qabame, afgaaffii gamisa caaseffamaa, marii garee, daawwannaafi qajeelfama deemsa dirreetiin raawwatame. Yeroo af-gaaffiitti waa'een ramaddii biqiltootaa of eeggannoodhaan galmaa'e. Daawwannaa dirreetiin amala, bakka argamaafi kunuunsa gosoota biqiltoota qorichaaf oolanii ilaalame. Yeroo deemsa dirreetti ammoo, biqiltoonni qorichummaaf oolan, kanneen bosona keessaafi nannoo manaatti argaman irraa walitti qabuuf mala biqiloota adda baasuutti (*an ethno botanical survey*) dhimma ba'uun amaloota biqiltoonni sun qaban tarreeffameera. Tarreessuun erga raawwatame booda ammoo, saamuda adda baasuufi mirkaneessuuf furtuu taksonomiifi jildii adda addaa Filooraa Itoophiyaafi Eertiraa fayyadamuun raawwatame (Edwards et al., 2000; Hedberg et al., 2006).

Ragalee guuraman qaaccessuu irratti, qorichoota biqilootaafi albuudota irraa walitti qabame akaakuu isaanii ijoo ijootti qoqqooduun dhibbantaatti jijjiiruunis jechaanis ibsamaniiru. Fakkeenyaaf, maqaa naannoo ittiin beekamu, bakka itti biqilu, gosa biqilaa, maqaa sanyii, maqaa maatii, qaama qorichummaaf gargaaru, akkaataa itti qophaa'u, waan itti dabalamu, dhukkuba fayyisu, yeroo fayyadamaa, hanga fayyadamaafi akkaataa ittifayyadamaa qoricha aadaa duraa duuba isaa eeguun qaacceffameera.

3. Qaaccessa Ragaaleefi Argannoowwan

3.1 Seenduubee Rag-himtoota Waliigalaa

Seenduubee raghimtoota ilaalchisee barsiisotaa qoricha aadaafi ogeeyyota qoricha aadaa ta'an dhiira 12(%80)'fi dubartoota 3(%20) ragaalee kennuu keessatti hirmaataniiru. Kanneen kunis gama amantaatiin namoonni 13 (%86.67) hordoftoota Pirotestaantii yoota'an, 2(%13.33) hordoftoota Ortodoksiidha.

Umurii hirmaattotaa ilaalchise namoonni 9(%60) kanneen Yuuba 1^ffaa^ hanga Yuuba 3^ffaa^ keessatti

argaman yoo ta'u, 5(%33.34) Qondaalaa hanga Gadoomaa gidduutti argaman ta'ee, 1(%6.66) ammoo umurii Jaarsa Qullichaa keessatti kan aramanidha. Namoonni kun, muuxannoo qoricha aadaa qopheessuu irratti qaban ilaalchisee: Namoonni 4(%26.67) muuxannoo waggaa 41 olii; namooni 4(%26.67) muuxannoo waggaa 21; namoon 2(%13.33) muuxannoo waggaa31 olii; 2(%13.33) muuxannoo waggaa 11 olii akka qaban yoo aada ba'u, namni 1(%6.66) muuxannoo waggaa 61 oliifi 1(%6.66) muuxannoo waggaa 6 olii akka qabu hubachatameera. Barnoota od-himtootaa ilaalchisee, namoonni 6(%40) kutaa 1-8, 6(%40) kan hinbaratiin, 3(%20) dippiloomaaafi isaa olii kan qabanidha.

3.2 Akaakuu Dhukkubaa Qorichi Aadaa Jiinesii, Sanyiifi Maatii Biqilootaarraa Qophaa'u

Odeeffannoo walitti qabame keessaa, gama qorichaan dhukkuboota 116f biqiloota 75 irraa qoricha 126; dhukkuboota 25f bineeldota15 irraa qoricha 17 qophaa'a. Akkasumas, dhukkuboota 4f albuudota 4 irraa qorichi 4 akka qophaa'u hubatameera. Darbee, ragaan Jiinasii *(Genus)* 51'fi sanyii *(spicias*) 53, maatii (*family*)133, kan walitti qabamedha. Biqiloota sanyiin isaanii 51 kanarratti hundaa'uun qoricha aadaaf gargaaran 147 argame Gabate gdii, irratti dhiyaateera.

Dhukkuboota bal'inaan qorichi aadaa bl'inaan qophaa'uuf ilaalchisee, dhukkuba madaaf biqiloota 14(%18.66)'rraa; garaa ciniinnaaf biqiloota 10(%13.33) irraa sad. 1^ffaa^fi 2^ffaa^ qorichi bal'inaan hojjetamuufiidha. Dhukkuboota 116 keessaa dhukkuboonni 25(%21.55) biqiloota 2fi isaa oliirraa qorichi yoo hojjetamuuf; dhukkuboota 75(%64.66) ammoo biqiloota tokko tokko duwwaarraa kan hojjetamu; dhukkuboota 16(%13.79) walitti makamiinsa biqilootaarraa qorichi tokko tokko akka qophaa'u hubatameera.

3.3 Yeroofi Akkaataa Tajaajilamaa Qoricha Aadaa

Sa'atii qorichi aadaa itti fudhatamu ilaalchisee dhukkuboonni 52(%44.82) ganama ganama, 38(%32.76) yeroo dhukkubbiin itti dhagaa'amu, 16(%13.79) galgala yeroo hirribaa akka fudhataman hubatameera. Dhukkuboonni 6(%5.17) galgala /guyyaa/; 4(%3.45) ammoo ganama yookaan guyyaa akka fudhatamu hubatameera. Akkaataa fudhannaa qoricha aadaa ilaalchisee dhukkuboota 38(%32.76)'f dhuguun, 23(%19.83)'f liqimsuun, 11(%9.48) itti naquun, 4(%3.45)'f nyaachuun, 2(%1.72)'f alanfachuun, 2(%1.72) itti riguun

Qorichoonni yeroofi tajaajila isaaniirratti hundaa'an kun argama isaanii illchisee qorichoonni aadaa 17 bineeldota 15irraa dhukkuboota 25f akka hojjetamu hubatame. Isaanis, bineensi bosonaa 7(%46.67), balali'oon daggalaa 3(%20), beelladni qee 2(%13.33), ilbisootaa bakka mara jiraatan 2(%13.33)'fi munyuuqaa holqa jiraatu 1 (%6.67) irraati. Qorichi aadaa albuuda akka biyyoo, bishaan bulluqe, daaraa diimaafi nadhii dammaa irraas akka argamu adda ba'e. Kanneenis, bulbuluu, boxxuufi waliin makuun kan qophaa'u ta'ee dhadhaaf qullubbii diimaafi adii akka itti dabalaman ibsame. Ragaaleen kanneen waliigalaan gabatee kanatti aanu keessatti dhiyaateera.

Qoricha Aadaa Biqiloota (Mukootarraa) Qophaa'u

Maqaa Naannoo	**Bak. itti Biqilu**	**Gosa Biqilaa**	**Maqaa Saayinsii**	**Maqaa maatii** Family name	**Qaama Qorichaaf Gargaaru**	**Akkaataa Qophii**	**Waan Dabalamu**	**Dhukkuba Fayyisu**	**Yeroo Fayya damaa**	**Hanga Fayya damaa**	**Akkatti Fayya damaa**
Dhum-muuga	Qe	Bi	Justicia schim-periana (Hochst exNees)	Acanthaceae	Baala	kichuu sukkuuma nii affeeluu	bishaan	busaa	Guyyaa guyyaatti	Siinii 1	dhuguun
					Baalaafi hundee	walitti tumama	bishaan	mataa bowwuu	yeroo dhukkubu		
Qomo-nyoo	Bo	M	Brucea antidysentrica Fresen	Simaroubaceae,	hundeefi baala	tumamee gogsuun daakama	bishaan	saree maraatuuf			obaasuun
					ijaafi baala	tumamee gogsuun daakama	bishaan	madaa horii gogsaa			dibuun
					hundee	gogsuun daakama	aannan	garaa kaasaafi ciniinnaaf	ganama ganama	fallaana 1	liqimsuu
Ceekaa	Bo	M	Calpurnea aurea (L'Herit.) Schweick.	Fabaceae,	firii/ija	hakaa'amee boxxama	dhadhaa	ijaaf	galgala yeroo rafan	safartuu guurii 1	ittidibu
					baalaafi hundee	Cuunfaasaa	bishaan	oldeebisaa	galgalaafi ganama	Siinii1	dhuguun
						Cuunfaasaa	bishaan	teessisaa deddebi'u	galgalaafi ganama	Siinii 1	dhuguun
						Cuunfaasaa	bishaan	raammoo garaa horii	ganama ganama	burcuqqoo 1	obaasuun
						Cuunfaasaa	bishaan	garaacha	ganama	Siinii 1	dhuguun
					daraaraa	Cuunfaasaa	bishaan		ganama		
					hundee	daakama	dhadhaa	dhibee gogaa	ganama		dibuun
Haanquu	Bo	Bi	Embelia shimperi Vatke	Myrsinaceae	Ija	gogsuun alanfatama		minniifi maaga	ganama lama	fallaana 3	liqimsuu

Haranga maa gur-raacha	Bm	Bi	Pteralobium stellatum	Fabaceae	Hundee	tumanii cuunfu	buna danfe	Budaa baasa			obaasuu
					Ija	bulleessanii daaku	dhadhaa	ija loonii			dibuun
Qobboo diimaa	Qe	Bi	Ricinus communis L.	Euphorbiaceae	baala jiidhaa	affeeluun	abishii	caba fay'isa	Guyya-guyyaatti		Cabaatti hidhuun
					Ija	Daakamuu	aannan	dhibee tasaa	ganama ganama	fallaana an	liqimsuu
Alaltuu	La	M	Salix subserrata	Salicaceae	Baala	Cuunfaasaa		waraansa/ quuqqaa	ganama ganama	fallaana an	liqimsuu
					Baala jiidhaa	tumamee bullaa'a		qaaqeef	ganamafi galgala	Muraa 1	dibatu
Hadhees sa	Bm	M	Teclea nobilis Del.	Rutaceae	Baala jiidhaa	tumamee bullaa'a		horii bokoke	yeroo bokoku	Burcuqq oo 1	dhuguu
Andoode e dhalaa	Bm	Bi	Phytolocca dodecandra, L 'Hert.	Phytolaccaceae,	qaama hundaa, hidda kichuu	tumamee bullaa'a	dhangala'o dhugamu aannan	Saree maraa tuuf Ulfa baasuuf Garaachaaf	ganama al-tokko	Siinii 1	dhuguu
					hundeefi baala	alalfatamee bishaansaa liqimfama		ulfa hinbar-baachifne ji'a 3 gadi baasuuf	ganama		liqimsuu
Baarga moo diimaa	Di	M	Eucalyptus camaldulensis	Myrtaceae	Baala jiidhaa	gubanii haarsu		Budaa baasa	yeroo qabaman		itti harsuu
Baarga moo adii	Di	M	Eucalyptus globules Labing	Myrtaceae,	baala jiidhaa	affeelanii haarsu		Utaalloo	yeroo qabaman		ulachuu
Ittachaa	Bm	Bi	Dodonia angustifolia	Sapindaceae	baala jiidhaa	tumanii bulleessuu		Madaa qeerruu	ganama ganama		Itti naquu
Bakkan niisafi Tamboo	Qe	Bi			Baala jiidhaa	tumuu	daaraa kobotaan sukkumama	Funyaan sinbirri faalte	ganama harka buleen		dibatu

Hancab bii, Bak kanniisa, Maxxan neefi Ulu maayiifi Baarga moo dii maa	Bo Bm Bo Bo Di	Bi M Bi M M			Baala jiidhaa	Hunda walitt tumanii bulchuun ganama cuunfanii qopheessuu		Michii	Hundiiu ganama galgala		dibatu
Botoroo	Bm	M	Stereosper mum kunthianum	Bignoniacea e	Qola	tumuun bulleessu	cumaa	Sa'aa aannan dhabde	ganama, ganama		nyaachis u
			Stereosper mum kunthianum	Bignoniacea e	Qola	tumamee dhimbiibama		Afuura jawweefi Gosobo	ganamaafi galgala	Finjaala 1	obaasu
Heexoo dhalaa	Bo	M	Hagenia abyssinica (Brace)J.F . Gmel	Rosaceae	daraaraa	gogfamee daakama		minnii	ganama barii	Finjaala 1	dhuguun
Hoomii	Bm	M	Prunus africana (Hook. f.) Kalkman	Rosaceae,	Qola	tumamee bullaa'a		Madaa fayyuu dide	ganamaafi galgala		dibuu
Gambeel loo	Bm	M	Gardenia temifolia Schumach	Rubiaceae	firii	gogsuun daakama	aannan	Ijaaf	galgala yeroo rafan		ittidibu
Andoo deefi Abbayyii	Bm Bm	Bi, M			firii	walitti daakamee bullaa'a	dhadhaa	Cittoo/Shifoo	galgala, galgala		dibuu
Barbare e lafaa	Qe	Bi	Capsicm annum L.	Solanaceae	daraaraa	kutanii alanfatu		Uuba qoonqoo	ganama barii	1:00-2:00	alanfach uu
Abbaa qiddii, Armanci tiifi Aan nannoo	Di	Bi			hidda	tumamee	bishaan	Dhibee tasaa	yeroo mudatame	al-tokko	alanfata mee liqimsa ma

Haqal-qala	Bo	Bi			firii	daakamee boxxama	Dhadhaa	Marammartoo, Mata-dhukkubbii	halkan yeroo rafan		Mataa dibatu
Gaattiraa (Xidii)	Qe	M	Juniperus procera Hochst	Cupressaceae	baala	jidhaa isaa		Bookee busaa fixa	Galgala/guyyaa		Itti aarsuun
Hiddiifi **Loomii**	Di Qe	Bi M	Solanum incanum Justicia schimperiana (Nees) T.	Solanaceae Euphorbiaceae,	dhangala'aa	cuunfanii walitti makama		Uuba qoonqoo bu'e	ganama barii	fallaana 2	liqimsuu
Abasuu-da gur raacha	Qe	Bi	Nigella sativa	Remunculaceae	firii	daakamee qophaa'a	cuunfaa baala muka surraa	Maraammar-toofi gurraaf	ganama	finjaala 1	Dhuguu/ ittiinsuk kumuun
						boxxamee qophaa'a	Komxaaxxee siinii 1fi cuun faa qulubii adii fallaana 1	Forooforiifi Roobbii Injiraaniifi cinii	galgala torban tokkoof		dibanii buluu
					hundee	tumamee gogee daakama	Aannan	Laamshessaa	ganama ji'a 2f	birciqqoo 1	dhuguun
						fottoksanii nyaatu	Nyaata	Michii sombaa	ganama ganama	fottoqa 3	ninyaatama
Azambala	Bm	Bi			hidda	tumun aduutti gogfama	Nadhii dammaa	Fanxoo	ganama torban 3f	fallaana 3	liqimsuu
Xabanaayee	Di	Bi	Securidaca longepedunculata Fresen	Polygalaceae	hidda	dhiqamee tumamee bullaa'a	Damma siinii tokko	Garaa ciniinnaaf	yeroo dhukkubu	birciqqoo 1	dhugama
Sootalloo	Di	M	Millettia ferruginea	Fabeceae	firii/ quncee	daakanii bulleessuun	Buna/shayii	Dhulaandhula ajjeesa	ganamaafi galgala	siinii 1	dhugama
Tamboofi Eebich	Qe Bm	Bi M			baala	walitti tumuun bulleessu	Nyaata	Horii huqqate furdisa	ganama ganama		nyaachuun
Qarabichoo	Bm	Bi	Echinops kebericho, Mesfin	Asteraceae,	hidda	gogsanii daaku	bunaan	Oldeebisaa Mataa bow'uu	ganama ganama	Siinii 1	dhuguu
						tumanii calalu		Ilkaan, Minnii	ganama	burcuqqo 1	Itti cininu obaasu

Hungudaayee	Di	Bi	Pluleus Cervinus		hundee	Bullaa'ee bulbulama	biyyoo ittii buqa'e walin	Summii bofaa, Summii jawwee	sa'aa ciniinametti	burciqqoo 1	obaasuun
Buna	Bm	Bi	Coffee arabica L.	Rubiaceae,	ija	daakamee bullaa'a		Madaa dhinsa	yeroo dhukkubu	Al-takka fallaana 1	Itti naquu
Mixoo	Bo	M	Rytigynia neglecta (Hiern) Robyns	Rubiaceae	baala	sukkuumuun cuunfu	dhadhaa	Kormommuu	ganama 2-3	altokko	ittiriguu
Iddii hoolaa	Di	Bi	Cucumis ficifolius	Solanaceae	hidda	ibiddatti ruuquun yeroo diimatu		Mataa bowwuu	yeroo dhukkubu	hidda 1	ulachuu
Qullub bii adii	Qe	Bi	Allium sativum L.	Alliaceae,	hundee	tumamee bullaa'ee	damma siinii 1, abasuuda gurraacha daakamaafi bishaan	Summii Minnii Garaa kaasaa Maagaa Madaa raamma'e	Ganamaafi Galgala, fallaana 3-5		liqimsuu dibuun
Cilaaddamoo	Qe	Bi	Ruta chalepensis L.	Rutaceae	Baalaafi firii	gogee daa-kamee bullaa'a	Shayiin danfaa	Kalee	ganama hanga fayyantti	fallaana 2 qofa	dhuguu
Qaca-maa	Bm	M	Myrsine Africana L.	Myrsinaceae	baala	Tumanii bulleessanii walitti makuun guyyaa 9f qilleensa malee tura.	Damma, dhadhaa baqe, bunaa, qullubi adii, fallaana 2-3fi ashaboo fallaana 1	Nimooniyaa	ganama ganama	fallaana 1	liqimsuun
					baala ijasaa	ibiddaan gubamee daakama	bishaan /buddeena/	Dhiigni laguu danachuu, Baayyina dhiigaafi Raammoo garaaf	ganamaafi galgala		ulachuu liqimsuu

4. Argannoo, Ibsaafi Goolaba

4.1 Argannoofi Ibsaa

Qo'annoon kun qoricha aadaafi shaakala eegumsa fayyaa namootaafi bineeldotaa xiinxaluu irratti kan bu'uureffatedha. Kanarraa kan ka'e, ragaalee 147 qorichoota aadaa biqiloota irraa qaama bineeldotaafi albuudota garaagaraa irraa qophaa'an walitti qabamee hojjetame. Ragaalee walitti qabaman kana keessaa, maatiin biqiltootaa133 ta'u. Isaan kana keessaas sanyii 53fi jenesii 51dhukkuboota namaafi bineeldota wal'aanuuf akka oolan adda ba'eera. Sanyii dhiyaatan keessaa 24 tokko tokkoon isaanii 1(%1.88) haala walfakkatuun argamaniiru. Kanas, ragaa Abera (2014),'fi Awas'fikaan (2009) dhiyeessan kan mirkaneessudha.

Qorannoo kanaan argannoon mul'ate, maatii biqilootaa qorichummaaf oolan keessaa, maatiin Fabaceae sanyii 4; maatiin Asteraceae, Euphorbiaceae, Myrsinaceae, Phytolaccaceae, Rubiaceae, Rutaceaefi Solanaceae tokko tokkoon isaanii sanyii 3; maatiin Brassicaceae'fi Ranunculaceae, tokko tokkoon isaanii sanyii 2 mul'ateera. Sanyii kanneen keessaa maatiin Fabaceae, Euphorbiaceae, Myrsinaceae, Phytolaccaceae, Rubiaceae, Rutaceae'fi Solanaceae Jiildii Filooraa Itoophiyaafi Eritiraa dhiyaatan (Edwards,'fi kaan 1997; Hedberg, fi kaan, 2006) keessaa caalmaatti kanneen bal'inaan qorichummaaf tajaajilan ta'uu adda ba'eera.

Argannoon biroon qo'annoo kanana hubatame, qorichi aadaa qophaa'u bal'inaan biqiltoota bakka hundatti argamu irraa akka ta'e barame. Qorannoon biyyoota garaagaraa hojjetames, dhibbantaan sanyiin biqiltootaa qoricha aadaaf gargaaran, kanneen daggala keessatti biqilan ta'uu mirkaneessa (Lev, 2003fi Doffana, 2019). Bakka biqila biqiltoota ilaalchisee, argannoon qorattootaa bosona uumamaafi bakka maratti ta'uu akka danda'u mirkaneessaniiru (Ozgen fi Houghto, 2012; Getnet, 2017; Selamawit fi Zerihun, 2022).

Argannoon biroon qorannoo kanaan ilaalame, hiddiifi baalli biqiltootaa, foon bineensotaa qaamolee bal'inaan qorichummaaf oolan ta'uu adda ba'e. Darbee, baalli battala ciramee hojjetamu ho'aan isaa isa gogee hojjetamu caalaa dhibee kamuu fayyisuurratti cimaa akka ta'es hubatameera. Kana ilaalchisee qorannoon Dawit'fi kaan (1999); Mathews (1999); Mesfin (2013); Kefalew fi kaan (2015); Getnet (2017); Selamawit fi Zerihun (2022) Itoophiyaa keessaas hojjetame, qaamoleen kun bal'inaan kan irraa qophaa'u ta'uu mirkaneessaniiru.

Argannoon biroon, dhukkuboota qorichi bal'inaan hojjetamuuf kanneen biqiltoota irraa qophaa'anidha. Isaanis kanneen akka dhadhaa, aannan, qullubbii adii, jinjibila, bunaafi kan

kana fakkaatan waliin walitti dabalamuun kanneen tajaajilan ta'uu adda ba'eera. Kan ilaalchisee, qorannoon Awas'fi kaan (2009) hojjetame qorichoota aadaa qophaa'an walitti makuun tajaajila wal'aansaaf akka oolu argannoo qorannoo isaaniin kan wal-fakkaatudha.

Waliigalatti, qorannoon kun, kutaaleen biqiltootaa, qaamolee bineeldotaafi albuudotaa aadaatiin qoricha qopheessuuf itti fayyadaman jijjiiramoota ta'uu isaanii agarsiise. Akka qorannoo kanaan adda ba'eetti wal'aansa dhukkubsataaf qoricha aadaa ogeeyyiin qopheessan baala, hidda, qola, hidda, daraaraa, sanyii ykn friiii biqiltoota qorichaaf oolan irraa akka ta'e hubatameera. Kunimmoo, argannoo qorattoota hedduun kan mirkanaa'edha. Wallaantonnis irra caalaa biqiltoota yeroo baay'ee argaman irraa saamuda fayyadamuun dhukkubsattoota wallaanuuf qoricha akka qopheessan ibsameera (Getnet, Chandrodyam fi Masresha, 2016). Kunis irra caalaa bu'a qabeessummaa kutaalee biqiltootaa qoricha aadaa wal'aansa keessatti bal'inaan kan tajaajilu ta'uu isaati (Tolossa fi Megersa, 2018).

4.2 Goolaba

Qorannoon kun, qoricha aadaafi shaakala eegumsa fayyaa namootaafi bineeldotaa, Godina Wallaggaa Bahaa Aanaa Heebantuu qo'achuudha. Ka'umsiifi xiyyeeffannoon isaas akka aadaatti, hawaasni Aanaa Heebantuu dhibeelee dhukkuboota namaafi bineeldota miidhan dandamachiisuuf shaakala beekumsa xabboo itti gargaaraman xiinxaluudha. Naannoo qorannoon kun itti geggeeffametti qoricha aadaatiif itti fayyadamni baalaa, hundeefi firiin bal'aa ta'us, manca'iinsa biqiltoota qorichi irraa qophaa'uuf kunuunsi taasifamu xiqqaadha. qorichoota aadaa qopheessuuf hundee biqiltuu kutuuf ciruuti mul'ata. Kunimmoo, biqilaan suni deebi'ee latuuf waan kunuunsa hinarganeef gogee badaa jira. Akka, Dawit'fi kaan, (1999), Mathews, (1999) baala biqiltootaa qorichi irraa qophaa'aniif kunuunsi yoo hintaasifamne, qorichi aadaadhaan qophaa'ee dhalotatti daddarbaa deemu nibada. Baalli badaa yoodeeme daraaraan uumamee firii/ ijji isaa akka dabalaa hindeemne taasisa (Marthin-Hill 2003; Marama, 2010); qorichi aadaan qophaa'us akka badu taasisa (Tolossa fi Megersa, 2018). Gara fuulduraattis biqiltoonni sunneen jiraachuuf bu'aa hamaa qaba (Doffana, 2019). Kanaaf, Yuunivarsiitonniifi Biiroon Fayyaa Oromiyaa walitti dhufanii qopheessitoota qoricha aadaa naannoo qorannoo kanaaf leenjiin otoo kennamee caalmaatti haala biqiloonni (hidda, hundee, qola, damee, baalaa)fi qabeenyi uumamaa

hinmancaaneefi miidhaa hinuumneen akka hojjetan nigargaara.

Qopheessuuniifi ittifayyadamni qoricha aadaa akka fooyya'ee ittifufuuf hayyoonni dawaa (*pharmacology*), ogeeyyonni buufata fayaa garaagaraa, qorattoonni aadaafi beekumtaa (*folklore*) qorannoo bilchaataa otoo taasisanii beekamtii isaa niguddisa. Ga'ee qorichi aadaa wal'aansa dhukkubaaf qabuu irratti qopheesitoota qoricha aadaafi ogeeyyota qoricha ammayyaa gidduu karaa Biiroo Eegumsa Fayyaatiin waliin mariin otoo jiraatee ittifayyadamaa irratti caalmaatti hubannoon akka dagaagu taasisa. Qorichi aadaa dinagdee biyya tokkoo keessatti gahee guddaa kan qabu waanta'eef qaamni kana ilaallatu: man-kuusa qoricha aadaa qopheessanii otoo walitti guuraniifi dhaabbata qorannoo qoricha aadaa otoo qopheessanii faayidaan isaa olanaadha. Akkasuas, qopheessitoonni qoricha aadaa adda baafamanii beekamtiin seeraa otoo kenname, darbee, haala qopheessuufi ittifayyadama qoricha aadaa irratti keessaumaa hanga itti fayyadamaafi kan biroo qorataan kun bira hinga'iin akka fooyya'ee itti fufuuf hayyoonni dawaa (*pharmacology*) otoo bal'inaan qoratanii itti fayyadamni fooyya'aa deema.

Galata

Deeggarsa meeshaaleef maallaqaan kan natumse Yuunivarsiitii Wallaggaa baay'een galateeffadha. Ittifufee, adeemsa odeeffannoo walitti qabuu keessatti deeggarsa garaagaraa kan naaf kennan Waajjira Aadaafi Tuurizimii Godinaafi Aanaa Heebantuu, ogeessota qonnaafi hirmaattota od-himtootaa guddaa haagalatooman.

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