# Derived Adjectives of Color

Allowable Prefixes	Required	Adjective	Allowable Suffixes
	Midfix	$\operatorname{Stem}$	
$(None, \mathbf{P})$	$_{ m None}$	Color	$($ ንት, $PLU) + DEF + ን + (((ኇo,\mathbf{\Lambda}) + \mathbf{f}),ማ,\mathbf{\Lambda})$
(ስ,በ,ከ,ስል፡,አንድ፡)	None	$\operatorname{Color}$	$\left  (( \uparrow \uparrow \uparrow + (DEF, POS^*)), (PLU + DEF)) + ((( f^p, \uparrow \uparrow) + f^p), f^p, \uparrow \uparrow) \right $
<b>እስ</b> ክ፡	None	$\operatorname{Color}$	ነት + PLU + [DEF,POS*] + $(((9^{\mathbf{p}},\mathbf{\mathring{n}}) + \mathbf{\mathring{r}}),\mathbf{\mathring{q}},\mathbf{\mathring{q}})$
$(\mathtt{none}, \mathbf{\Omega})$	None	$\operatorname{Color}$	$PLU + [DEF] + (9^{\mathbf{p}}, \mathbf{\hat{\mathbf{h}}}) + 2 + (((9^{\mathbf{p}}, \mathbf{\hat{\mathbf{h}}}) + 5), 9^{\mathbf{p}}, \mathbf{\hat{\mathbf{h}}})^{2}$
h	$_{ m None}$	$\operatorname{Color}$	$PLU + DEF + (\mathbf{f}^{o}, \mathbf{\hat{n}}) + \mathbf{\mathcal{I}} + (((\mathbf{f}^{o}, \mathbf{\hat{n}}) + \mathbf{f}), \mathbf{\mathcal{I}}, \mathbf{\hat{n}})^{\circ}$
P	<b>+</b>	Color	$PLU + [DEF] + 7 + (((9^{\circ}, \mathbf{h}) + \mathbf{f}), 7, \mathbf{h})$
(ለ,በ,ከ,ስል፥)	+እንድ፡	$\operatorname{Color}$	$PLU + [DEF] + (((9^{\circ}, \mathbf{\hat{\Lambda}}) + \mathbf{\hat{\gamma}}), 9^{\circ}, \mathbf{\hat{\Lambda}})$
P	+እየ+	Color	$PLU + [DEF]_{hf} + 7 + (((\mathbf{f}^{o}, \mathbf{h}) + \mathbf{f}), \mathbf{f}^{o}, \mathbf{h})$
(ለ,በ,ከ,ስል,አንድ,አስክ)	+እየ $+$	$\operatorname{Color}$	$PLU + [DEF]_{\lambda p} + (((p^{o}, h) + f), {}^{o}, h)$
(None, <b>₽</b> )	+ <b>ስ</b> ነ+	Color	$PLU + [DEF] + 7 + (((9^{\circ}, \mathbf{\hat{h}}) + \mathbf{\hat{f}}), 7, \mathbf{\hat{h}})$
(ለ,በ,ከ,ስል,አንድ,አስክ)	+እነ $+$	$\operatorname{Color}$	$PLU + [DEF] + (((9^{\circ}, \mathbf{\hat{\Lambda}}) + \mathbf{\hat{\gamma}}), 9^{\circ}, \mathbf{\hat{\Lambda}})$
( <b>ከ</b> , <b>የ</b> ) + <b>አ</b> ስ+	+ለጎ $+$	$\operatorname{Color}$	$PLU + [DEF] + (((9^{\mathbf{p}}, \mathbf{\hat{\Lambda}}) + \mathbf{\hat{\gamma}}), \mathbf{\hat{\gamma}}, \mathbf{\hat{\Lambda}})$
$(\mathbf{\Omega},\mathbf{h},\mathbf{f})$	+አለ፡	Color	$PLU + DEF + (((\mathbf{f}^{\mathbf{p}}, \mathbf{h}) + \mathbf{f}), \mathbf{f}^{\mathbf{p}}, \mathbf{h})$

Note that the plural of some colors is indicated through reduplication of the sec-

ond radical as per: \$\phi\_B \rightarrow \phi\_B, \gamma\_B \rightarrow \gamma\_B \rightarrow \phi\_B \rightarrow \gamma\_B \rightarrow \phi\_B \rightarrow \gamma\_B \rightarrow \gamma\_

For TAC DEF expands to (A.T + DEF)

\* POS only immediately after 17 and after 17 only.

# Derived Adjectives of Colors in Plural

Allowable Prefixes	Required	Adjective	Allowable Suffixes
(Nana <b>0</b> )	Midfix None	Stem Color	DIII   DEE   3   ((ao h)   c) ao h)
(None, <b>የ</b> ) (ስ,በ,ከ,ስል፡,አንድ፡)	None None	Color	PLU + DEF + $7$ + ((( $\mathbf{f}^{\mathbf{p}}$ , $\mathbf{h}$ ) + $\mathbf{f}$ ), $\mathbf{f}^{\mathbf{q}}$ , $\mathbf{h}$ ) PLU + DEF + ((( $\mathbf{f}^{\mathbf{p}}$ , $\mathbf{h}$ ) + $\mathbf{f}$ ), $\mathbf{f}^{\mathbf{q}}$ , $\mathbf{h}$ )
ስስክ:	None None	Color	$\begin{array}{c} \text{PLU} + \text{DEF} + (((\mathbf{I}, \mathbf{I}) + \mathbf{I}), \mathbf{I}, \mathbf{I}), \\ \text{PLU} + [\text{DEF}] + (((\mathbf{I}, \mathbf{I}) + \mathbf{I}), \mathbf{I}, \mathbf{I}), \\ \end{array}$
$(\mathtt{none}, \mathbf{\Omega}, \mathbf{h})$	None	Color	$[PLU] + [DEF] + (\mathbf{I}^{\bullet}, \mathbf{\hat{n}}) + 2 + (((\mathbf{I}^{\bullet}, \mathbf{\hat{n}}) + \mathbf{f}), \mathbf{I}^{\bullet}, \mathbf{\hat{n}})^{\circ}$
P	<b>+</b> እንድ፡	Color	$PLU + [DEF] + 7 + (((\mathbf{f^p}, \mathbf{\hat{0}}) + \mathbf{\hat{\gamma}}), \mathbf{\hat{q}})$
(፡ልሰ,ሰ,ሰ,ሰ)	+ <b>እንድ</b> ፡	Color	$PLU + [DEF] + (((\mathbf{q^o}, \mathbf{\hat{h}}) + \mathbf{f}), \mathbf{q^o}, \mathbf{\hat{h}})$
P	+ <b>እየ</b> +	Color	$PLU + [DEF]_{\Lambda f} + 7 + (((f^p, \hbar) + f), f^q, \hbar)$
(ስ,በ,ከ,ስል,አንድ,አስክ)	+እየ $+$	Color	$PLU + [DEF]_{\Lambda f} + (((f^{o}, \hbar) + f), f^{o}, h)$
$(None, \mathbf{P})$	+ <b>ስ</b> ነ+	Color	$[PLU] + [DEF] + 7 + (((9^{\mathbf{o}}, \mathbf{\hat{\Lambda}}) + \mathbf{F}), 9^{\mathbf{o}}, \mathbf{\hat{\Lambda}})$
(ስ,በ,ከ,ስል,አንድ,እስክ)	+ለጎ $+$	Color	$[PLU] + [DEF] + (((\mathbf{go}, \mathbf{h}) + \mathbf{f}), \mathbf{og}, \mathbf{h})$
( <b>ከ</b> , <b>የ</b> ) + <b>አስ</b> +	+ለጎ $+$	Color	$[PLU] + [DEF] + (((\mathbf{g}^{\mathbf{p}}, \mathbf{\hat{h}}) + \mathbf{f}), \mathbf{\tilde{q}}, \mathbf{\hat{h}})$
( <b>h</b> , <b>f</b> )	+አለ፡	Color	$PLU + DEF + (((\mathbf{P}, \mathbf{\hat{h}}) + \mathbf{\hat{f}}), \mathbf{\hat{q}}, \mathbf{\hat{h}})$

# Derivations of ራስጌ, እጅጌ, አግርጌ, ወገብጌ, and አንገትጌ

Allowable Prefixes	Required Midfix	$egin{array}{c} { m Adjective} \ { m Stem} \end{array}$	Allowable Suffixes
$(None, \mathbf{P})$	None	Noun	$PLU + [DEF, POS] + 7 + (((9^{\mathbf{p}}, \mathbf{\^{0}}) + \mathbf{\cancel{f}}), \mathbf{\cancel{7}}, \mathbf{\^{0}})$
(ለ,በ,ከ,ስል፥,እንድ፥,እስክ)	None	Noun	$PLU + [DEF, POS] + (((\mathbf{F}^{\bullet}, \mathbf{\hat{\Lambda}}) + \mathbf{\hat{\Gamma}}), \mathbf{\hat{\eta}}, \mathbf{\hat{\Lambda}})$
$(\mathrm{None}, \mathbf{\Omega}, \mathbf{h})$	None	Noun	$   PLU + [DEF,POS] + (\mathbf{f}^{\mathbf{p}},\mathbf{\hat{\mathbf{h}}}) + 2 + (((\mathbf{f}^{\mathbf{p}},\mathbf{\hat{\mathbf{h}}}) + 5),7,\mathbf{\hat{\mathbf{h}}})^{\circ}   $
P	+እየ+	Noun	$PLU + [DEF, POS] + 7 + (((\mathbf{9P}, \mathbf{\^{h}}) + 5), \mathbf{9P}, \mathbf{\^{h}})$
(ለ,በ,ከ,ስል,አንድ,አስክ)	+ <b>እየ</b> +	Noun	$PLU + [DEF, POS] + (((\mathbf{F}^{\mathbf{p}}, \mathbf{\hat{\Lambda}}) + \mathbf{\hat{\gamma}}), \mathbf{\hat{\gamma}}, \mathbf{\hat{\Lambda}})$
$(\mathbf{\Omega},\mathbf{h},\mathbf{f})$	+አለ፡	Noun	$PLU + [DEF,POS] + (((\mathbf{f}^{\mathbf{p}},\mathbf{\hat{h}}) + \mathbf{f}),\mathbf{\tilde{f}},\mathbf{\hat{h}})$

# Derived Adjectives of Language

Allowable Prefixes	Required Midfix	$egin{array}{c} { m Adjective} \ { m Stem} \end{array}$	Allowable Suffixes
$(\mathrm{None}, \mathbf{P})$	None	Language	$PLU^* + [DEF, POS]_{PLU} + 7 + (((\mathbf{P}^p, \mathbf{\hat{h}}) + \mathbf{\hat{f}}), \mathbf{\hat{q}}, \mathbf{\hat{h}})$
(ለ,በ,ከ,ስል፥,እንድ፥,እስክ፥)	None	Language	$PLU^* + [DEF, POS]_{PLU} + (((\mathbf{9^o}, 0) + \mathbf{f}), \mathbf{9^o}, 0)$
$(\mathrm{None}, h)$	None	Language	$\left  \text{ (DEF,POS)} + ((\boldsymbol{\mathcal{I}^{\boldsymbol{o}}},\boldsymbol{\boldsymbol{h}}) + \boldsymbol{\mathcal{I}} + \boldsymbol{\boldsymbol{\varsigma}}), (\boldsymbol{\mathcal{I}} + (((\boldsymbol{\mathcal{I}^{\boldsymbol{o}}},\boldsymbol{\boldsymbol{h}}) + \boldsymbol{\boldsymbol{\varsigma}}), \boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{\boldsymbol{$
P	+ <b>አየ</b> +	Language	$[PLU^{\star\star} + [DEF, POS]_{\Lambda f} + 7 + (((f^p, h) + f), f^q, h)]$
(ለ,በ,ከ,ስል,አንድ,አስክ)	+ <b>አየ</b> +	Language	$PLU^{\star\star} + [DEF, POS]_{\lambda \ell} + (((\ell^p, \hbar) + f), \ell^p, \hbar)$
$(\mathrm{None}, \mathbf{?})$	+ለነ+	Language	$7 + ((\mathbf{9^o}, 0) + 5), 99, 0)$
(ለ,በ,ከ,ስል,አንድ,አስክ)	+ለነ+	Language	$(((\mathbf{g}^{\mathbf{p}}, \mathbf{\hat{h}}) + \mathbf{f}), \mathbf{g}^{\mathbf{p}}, \mathbf{\hat{h}})$
( <b>ħ,f</b> )	+አለ፥	Language	$(DEF,POS) + (((9^{\mathbf{p}},\mathbf{h}) + \mathbf{f}),7,\mathbf{h})$

 $\star \text{PLU}$  requires DEF or POS for Languages

\*\*PLU requires [DEF,POS] and POS requires PLU and DEF can stand alone.

# Derived Units of Measure

Allowable Prefixes	Required Midfix	$egin{array}{c} { m Adjective} \ { m Stem} \end{array}$	Allowable Suffixes
(None, <b>የ</b> ) (ስ,በ,ከ,ስል፡,አንድ፡,አስክ፡)	None None		$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
የ (ሲ,በ*,ከ,ስል,አንድ,አስክ)	+ <b>አየ</b> + + <b>አየ</b> +	# Unit # Unit	$\begin{bmatrix} [DEF]_{\Lambda f} + 7 + (((\mathbf{IP}, \mathbf{\hat{h}}) + \mathbf{f}), 7, \mathbf{\hat{h}}) \\ [DEF]_{\Lambda f} + (((\mathbf{IP}, \mathbf{\hat{h}}) + \mathbf{f}), 7, \mathbf{\hat{h}}) \end{bmatrix}$

\* DEF is not required after በአየ.

#### Derived Adjectives of Size

Allowable Prefixes	Required Midfix	$egin{array}{c} { m Adj.} \\ { m Stem} \end{array}$	Allowable Suffixes		
$(None, \mathbf{P})$	None	Size	$[(\red{\uparrow} \red{\uparrow}, PLU) + (\red{\uparrow} \red{\uparrow} + [DEF, POS_{\red{\uparrow}}]_{\red{\uparrow}}]_{\red{\uparrow}}) + \red{\uparrow} + (((\red{f} \red{f}), \red{f}), \red{f} \red{f})$		
(ለ,በ,ከ,ስል፡እንድ፡)	$_{ m None}$	Size	$($ ንት, $PLU) + ($ ሌ.ት+ $[DEF,POS_{2}]_{\Lambda^{\frac{1}{2}}}$ $) + (((ም, ሰ) + ና), ማ, ሳ)$		
እስከ:	None	Size	$[\mathbf{\dot{\gamma}\dot{\tau}},\mathrm{PLU}] + [\mathbf{\dot{\Lambda}\dot{\tau}} + [\mathrm{DEF},\mathrm{POS}_{\mathbf{\dot{\gamma}\dot{\gamma}}}]_{\mathbf{\dot{\Lambda}\dot{\gamma}}}] + (((\mathbf{f^{\prime\prime}},\mathbf{\dot{\Lambda}}) + \mathbf{\dot{\gamma}}),\mathbf{\dot{\gamma}},\mathbf{\dot{\Lambda}})$		
$(\mathrm{None}_{\cdot}\mathbf{h},\mathbf{h})$	None	Size	PLU + $[\mathbf{h}_{\bullet}\mathbf{\dot{\tau}} + [\mathrm{DEF}]_{h,\dot{\tau}}] + (\mathbf{f}^{\mathbf{p}},\mathbf{\dot{\eta}}) + \mathbf{\mathcal{I}} + (((\mathbf{f}^{\mathbf{p}},\mathbf{\dot{\eta}}) + \mathbf{\dot{\tau}}),\mathbf{\ddot{\eta}},\mathbf{\dot{\eta}})^{2}$		
$(\mathrm{None}, \mathbf{P})$	+ <b>ስ</b> ነ+	Size	$PLU + [\mathbf{h}_{\bullet}\mathbf{\dot{\tau}} + [DEF]_{\mathbf{h}_{\bullet}\mathbf{\dot{\tau}}}]_{\mathbf{h}_{\bullet}} + \mathbf{\ddot{\gamma}} + (((\mathbf{f}^{\bullet}, \mathbf{\dot{\eta}}) + \mathbf{\dot{\gamma}}), \mathbf{\ddot{\gamma}}, \mathbf{\dot{\eta}})$		
(ስ,በ,ከ,ስል,አንድ,አስክ)	+እነ $+$	Size	$PLU + [\mathbf{h}.\mathbf{\dot{\tau}} + [DEF]_{\mathbf{h}.\mathbf{\dot{\tau}}}]_{\lambda \mathbf{\dot{\tau}}} + (((\mathbf{f^o}.\mathbf{\dot{\eta}}) + \mathbf{f}), 7, \mathbf{\dot{\eta}})$		
( <b>h</b> , <b>P</b> )	+አለ፡	Size	$PLU + DEF + (((\mathbf{P}, \mathbf{\hat{h}}) + \mathbf{\hat{f}}), \mathbf{\hat{q}}, \mathbf{\hat{h}})$		
U	+አለ፡	Size	$[DEF]_{\lambda h} + (((\mathcal{P}, h) + f), \mathcal{P}, h)$		

(ንተ,PLU) does not preceed ሌተ (which is singular).

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# Derived Adjectives of Size in Plural

Allowable Prefixes	Required Midfix	$egin{array}{c} { m Adjective} \ { m Stem} \end{array}$	Allowable Suffixes
$(None, \mathbf{P})$	None	Size	$PLU + [DEF] + 7 + (((9^{\mathbf{p}}, \mathbf{\hat{h}}) + \mathbf{\varsigma}), 9, \mathbf{\hat{h}})$
(ለ,በ,ከ,ስል፡አንድ፡,አስክ)	None	Size	$PLU + [DEF] + (((\mathbf{P}^{\mathbf{p}}, \mathbf{\hat{\Lambda}}) + \mathbf{\hat{\Gamma}}), \mathbf{\hat{P}}, \mathbf{\hat{\Lambda}})$
(None, <b>∩</b> , <b>'n</b> )	None	Size	$PLU + [DEF] + (\mathbf{q}^{\mathbf{p}}, \mathbf{h}) + 2 + (((\mathbf{q}^{\mathbf{p}}, \mathbf{h}) + 5), \mathbf{q}, \mathbf{h})^{2}$
(None, <b>?</b> )	+እየ+	Size	$PLU + DEF + 7 + (((\mathbf{9^o}, \mathbf{h}) + \mathbf{f}), 99, \mathbf{h})$
(ስ,በ,ከ,ስል,አንድ,አስክ)	+እየ $+$	Size	$PLU + DEF + (((\mathbf{f}^{\mathbf{p}}, \mathbf{\hat{\mathbf{h}}}) + \mathbf{\hat{\mathbf{f}}}), \mathbf{\tilde{\mathbf{\eta}}}, \mathbf{\hat{\mathbf{h}}})$
(None, <b>?</b> )	+ <b>ስ</b> ነ+	Size	$PLU + [DEF] + 7 + (((9^{\mathbf{p}}, \mathbf{h}) + 5), 7, \mathbf{h})$
(ለ,በ,ከ,ስል,አንድ,አስክ)	+እነ $+$	Size	$PLU + [DEF] + (((\mathbf{P}^{\mathbf{p}}, \mathbf{\hat{\mathbf{h}}}) + \mathbf{\hat{\mathbf{f}}}), \mathbf{P}, \mathbf{\hat{\mathbf{h}}})$
(ከ,ዮ)	+አለ፥	Size	$PLU + DEF + (((\mathbf{9^p}, \mathbf{\hat{h}}) + \mathbf{\hat{r}}), \mathbf{\hat{q}}, \mathbf{\hat{h}})$
n	+አለ፥	Size	$[DEF] + (((\mathbf{q^o}, \mathbf{\hat{n}}) + \mathbf{\hat{r}}), \mathbf{\tilde{q}}, \mathbf{\hat{n}})$

# Derived Adjectives of Size with $\ref{t}$ and $\ref{t}$ Group 1

-					
Allowable Prefixes	Required Midfix	$egin{array}{c} { m Adj.} \\ { m Stem} \end{array}$	Allowable Suffixes		
(None, <b>₽</b> )	None	Size	$[\mathbf{\mathfrak{f}},\mathbf{\mathfrak{f}}^{\star}]+[\mathbf{h},\mathbf{\dot{\tau}}+[\mathrm{DEF}]_{\lambda,\lambda}]+7+(((\mathbf{f}^{\mathbf{p}},\mathbf{\dot{\eta}})+\mathbf{f}),7,\mathbf{\dot{\eta}})$		
(ለ,በ,ከ,ስል፡እንድ፡,እስክ፡)	None	Size	$[\mathbf{f}, \mathbf{f}^*] + [\mathbf{h}, \mathbf{f} + [\mathrm{DEF}]_{\mathbf{h}, \mathbf{f}}] + (((\mathbf{f}^p, \mathbf{h}) + \mathbf{f}), \mathbf{f}, \mathbf{f})$		
$(\mathrm{None}, \mathbf{h})$	None	Size	$\left[ \left[ \mathbf{f}', \mathbf{f}^{\star} \right] + \left[ \mathbf{h}.\dot{\mathbf{h}} + \left[ \mathbf{DEF} \right]_{h,h} \right] + \left( (\mathbf{f}^{\mathbf{p}}, \mathbf{h}) + 2 + \mathbf{f} \right), (2 + (((\mathbf{f}^{\mathbf{p}}, \mathbf{h}) + \mathbf{f}), 7)) \right] \right]$		
(None, <b>₽</b> )	+ <b>ስ</b> ን+	Size	$oxed{ \left[ egin{aligned} oldsymbol{arphi}, oldsymbol{arphi}^\star  ight] + oxed{oldsymbol{\gamma}} + oxed{oldsymbol{\gamma}} + oxed{oldsymbol{\gamma}} + oldsymbol{\gamma} + oldsymbol{\gamma}, oldsymbol{\eta}, oldsymbol{\eta} \end{pmatrix} }$		
(ለ,በ,ከ,ስል,እንድ,እስክ)	+ <b>ስ</b> ነ+	Size	$[\mathbf{f}', \mathbf{f}^*] + [\mathbf{h}.\mathbf{f}' + [\mathrm{DEF}]_{\lambda, t}] + (((\mathbf{f}^\mathbf{p}, \mathbf{h}) + \mathbf{f}), \mathbf{f}', \mathbf{h})$		
( <b>ħ,f</b> )	+አለ፡	Size	$\boxed{ \left[ \mathbf{\mathring{f}}, \mathbf{\mathring{f}}^{\star} \right] + \left[ \mathbf{\mathring{h}}, \mathbf{\mathring{f}} + \left[ \mathrm{DEF} \right]_{\lambda, \hat{\mathbf{\mathring{h}}}} \right] + \left( \left( (\mathbf{\mathring{f}}^{\mathbf{p}}, \mathbf{\mathring{h}}) + \mathbf{\mathring{f}} \right), \mathbf{\mathring{f}}, \mathbf{\mathring{h}} \right) }$		

<sup>\*</sup> ሌት does not follow የ.

# Derived Adjectives of Size with 7 Group 2

Allowable Prefixes	Required Midfix	$egin{array}{c} { m Adjective} \ { m Stem} \end{array}$	Allowable Suffixes
$(\text{None}, \mathbf{P})$	None	Size	$\mathbf{r} + (\mathbf{r} + \mathbf{r} $
(ለ,በ,ከ,ስል፡አንድ፡,አስክ፡)	None	Size	$\mathbf{f} + (\mathbf{f} \mathbf{f}, PLU) + (DEF, POS_{\mathbf{f} \mathbf{f}}) + (((\mathbf{f}^{\mathbf{p}}, \mathbf{h}) + \mathbf{f}), \mathbf{f}, \mathbf{f})$
$(\mathrm{None}, \mathbf{\Omega}, \mathbf{h})$	None	Size	$\mathbf{r} + (\mathbf{g}^{\mathbf{p}}, \mathbf{h}) + 2 + (((\mathbf{g}^{\mathbf{p}}, \mathbf{h}) + \mathbf{r}), \mathbf{g}^{\mathbf{q}}, \mathbf{h})^{2}$
P	+እየ+	Size	$\mathbf{F} + PLU + [DEF] + 7 + (((9^{\mathbf{p}}, \mathbf{h}) + \mathbf{F}), 7, \mathbf{h})$
(ለ,በ,ከ,ስል,እንድ,እስክ)	+እየ $+$	Size	$\mathbf{r} + \text{PLU} + [\text{DEF}] + (((\mathbf{r}), \mathbf{h}) + \mathbf{r}), \mathbf{r}, \mathbf{h})$
( <b>ħ,f</b> )	+አለ፡	Size	$\mathbf{G} + (((\mathbf{G}^{\mathbf{p}}, \mathbf{\hat{\mathbf{h}}}) + \mathbf{G}), \mathbf{G})$
Ω	+አለ፡	Size	$\mathbf{G} + PLU + [DEF]_{PLU} + (((\mathbf{G}^{\mathbf{p}}, \mathbf{h}) + \mathbf{G}), \mathbf{G}, \mathbf{h})$

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# Derived Adjectives of Quantity

Allowable Prefixes	Required Midfix	Adj. Stem	Allowable Suffixes
$(None, \mathbf{\ell})$	None	Quantity	$PLU + (DEF, POS_{PLU}) + 7 + (((\mathbf{P}, \mathbf{\hat{h}}) + \mathbf{\hat{f}}), \mathbf{\hat{q}}, \mathbf{\hat{h}})$
(ለ,በ,ከ,ስል፡,እንድ፡,እስክ፡)	None	Quantity	$PLU + (DEF, POS_{PLU}) + (((9^{\mathbf{p}}, \mathbf{\hat{h}}) + \mathbf{\hat{f}}), \mathbf{\hat{q}}, \mathbf{\hat{h}})$
$(\mathrm{None}, \mathbf{\hat{n}}, \mathbf{\hat{n}})$	None	Quantity	$\text{PLU} + (\text{DEF}, \text{POS}_{PLU}) + (\boldsymbol{\mathcal{P}}, \boldsymbol{\hat{\boldsymbol{\Lambda}}}) + \boldsymbol{\mathcal{P}} + (((\boldsymbol{\mathcal{P}}, \boldsymbol{\hat{\boldsymbol{\Lambda}}}) + \boldsymbol{\mathcal{T}}), \boldsymbol{\mathcal{P}}, \boldsymbol{\hat{\boldsymbol{\Lambda}}})^{\circ}$
P	+እየ+	Quantity	$[PLU] + [DEF, POS_{PLU}] + 7 + (((\mathbf{P}, \mathbf{h}) + \mathbf{f}), \mathbf{P}, \mathbf{h})$
(ለ,በ,ከ,ስል,አንድ,አስክ)	+እየ $+$	Quantity	$[PLU] + [DEF, POS_{PLU}] + (((\mathbf{F}^{\mathbf{p}}, \mathbf{\hat{\Lambda}}) + \mathbf{\hat{\Gamma}}), \mathbf{\tilde{\Psi}}, \mathbf{\hat{\Lambda}})$
( <b>ħ,f</b> )	+አለ፥	Quantity	$PLU + (DEF, POS_{PLU}) + (((\mathbf{P}^{\mathbf{p}}, \mathbf{\hat{h}}) + \mathbf{f}), \mathbf{\hat{q}}, \mathbf{\hat{h}})$
Ω	+አለ፥	Quantity	$(((\boldsymbol{\mathcal{G}^{o}},\boldsymbol{\Lambda}) + \boldsymbol{\varsigma}),\boldsymbol{\mathcal{I}},\boldsymbol{\Lambda})$

# Derived Adjectives of Quantity for ሁሉ,ሁሉ,ዘወትር,ወትር,ገደማ, and ያህል

Allowable Prefixes	Required Midfix	$egin{array}{c} { m Adjective} \ { m Stem} \end{array}$	Allowable Suffixes
$(\mathrm{None}, \mathbf{P})$	None	ሁሉ	$POS_{PLU} + 7 + (9^{\mathbf{p}}, \mathbf{h}) + (\mathbf{f}, 9^{\mathbf{p}}, \mathbf{h})$
(ለ,በ,ከ,ስል፡,እንድ፡)	None	ሁሉ	$POS_{PLU} + (\mathbf{9^p, \hat{n}}) + (\mathbf{f, 7^p, \hat{n}})$
(None, <b>h</b> )	None	ሁሉ	$POS_{PLU} + 7 + (9^{\mathbf{p}}, 0) + 2 + (((9^{\mathbf{p}}, 0) + 5), 9, 0)^{\circ}$
None	None	ሁሴ, ዘወትር, ወትሮ	$(\mathbf{P}^{\mathbf{p}},\mathbf{h},\mathbf{P}^{\mathbf{q}},\mathbf{h})$
(የ,ለ,በ,ከ,ስል፡,እንድ፡እስክ፡)	None	ሁሴ, ዘወትር, ወትሮ	$[DEF] + (9^{\mathbf{p}}, \mathbf{\hat{n}}, \mathbf{\hat{n}}, \mathbf{\hat{n}})$
None	None	7ደማ, <b>ያ</b> ህል	$(((\mathbf{P},\mathbf{\hat{h}})+\mathbf{\hat{r}}),\mathbf{\hat{r}},\mathbf{\hat{h}})$
P	+እየ+	ሁሉ	$POS_{PLU} + 7 + (9^{\mathbf{p}}, \mathbf{h}) + (\mathbf{f}, 9^{\mathbf{p}}, \mathbf{h})$
(ለ,በ,ከ,ስል,አንድ,አስክ)	+ <b>አየ</b> +	ሁሉ	$POS_{PLU} + (\mathbf{f}^{\mathbf{p}}, \mathbf{\hat{n}}) + (\mathbf{f}, \mathbf{f}^{\mathbf{p}}, \mathbf{\hat{n}})$

# Derived Adjectives of Quality (aka Descriptive)

Allowable Prefixes	Required Midfix	Adjective Stem	Allowable Suffixes
(None, <b>₽</b> )	None	Quality	(ንት, $PLU) + (DEF,POS*) + ን + (((ም,ሰ) + ϒ),ማ,ሳ)$
(ለ,በ,ከ,ስል፥,አንድ፥)	None	Quality	$( \gamma^{\dagger}, PLU) + (DEF, POS^{\star}) + (((\mathbf{P}, \mathbf{h}) + \mathbf{f}), 7, \mathbf{h})$
<b>እስ</b> ክ፡	None	Quality	$(\mathfrak{f}^{\star}, PLU) + [DEF, POS^{\star}] + (((\mathfrak{F}^{\bullet}, \mathbf{\Lambda}) + \mathbf{f}), \mathfrak{P}, \mathbf{\Lambda})$
(None, <b>∩</b> ***, <b>h</b> )	None	Quality	$[(\mathfrak{f}, PLU) + [DEF, POS^*] + (\mathfrak{P}, \mathfrak{h}) + \mathfrak{I} + (((\mathfrak{P}, \mathfrak{h}) + \mathfrak{f}), \mathfrak{P}, \mathfrak{h})^{\circ}]$
P	+እየ+	Quality	$[(\mathfrak{h}, PLU) + [DEF, POS^{\star}]_{\mathfrak{h}, \mathfrak{f}} + \mathfrak{I} + (((\mathfrak{P}, \mathfrak{h}) + \mathfrak{f}), \mathfrak{P}, \mathfrak{h})$
(ለ,በ,ከ,ስል,እንድ)	+ <b>እየ</b> +	Quality	$[(7^{\star}, PLU) + [DEF, POS^{\star}]_{\lambda \mathbf{r}} + (((\mathbf{f}^{\bullet}, \mathbf{\hat{0}}) + \mathbf{f}), \mathbf{f}^{\bullet}, \mathbf{\hat{0}})$
(None, <b>₹</b> )	+ <b>ስ</b> ነ+	Quality	$\mathrm{PLU} + [$ ንት, $(\mathrm{PLU} + [\mathrm{DEF}])] + ን + (((\mathbf{P}, \mathbf{\Lambda}) + \mathbf{F}), \mathbf{P}, \mathbf{\Lambda})$
(ስ,በ,ከ,ስል,አንድ)	+ እ ነ +	Quality	$\mathrm{PLU} + ($ ንት, $\mathrm{[DEF]}_{PLU}) + (((\mathbf{f}^{\mathbf{p}},\mathbf{h}) + \mathbf{f}),\mathbf{f}^{\mathbf{p}},\mathbf{h})$
(ከ,አስክ)	+ <b>ስ</b> ነ+	Quality	$[$ ንት, $($ PLU $+ [$ DEF $])] + (((ም,\mathbf{\^{n}}) + \mathbf{\^{r}}),\mathbf{\~{r}},\mathbf{\^{q}},\mathbf{\^{q}})$
(ከ,የ)	+አለ፡	Quality	$[$ ንት, $PLU] + [DEF,POS^*] + (((ም,ስ) + ፍ), ማ,ሳ)$

<sup>\*</sup> POS requires ነት.

<sup>\*\* ?</sup> requires one of が, POS\*, or DEF.

 $<sup>\</sup>star\star\star$   $\mathbf{\Omega}$  does not precede  $\ref{eq:total_tot$ 

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#### Derived Adjectives of Definite Quantity (One)

Allowable Prefixes	Required Midfix	$egin{array}{c} { m Adj.} \\ { m Stem} \end{array}$	Allowable Suffixes
$(None, \mathbf{P})$	None	አንድ	$\mathbf{F}_{0} + \mathbf{J} + (((\mathbf{G}^{\mathbf{v}}, \mathbf{\Lambda}) + \mathbf{G}), \mathbf{G}^{\mathbf{v}}, \mathbf{\Lambda})$
(በ,ከ,ለ,ስል፥,እንድ፥,እስክ፥)	None	አንድ	$\mathbf{F}_{\mathbf{r}} + (((\mathbf{F}_{\mathbf{r}}, \mathbf{h}) + \mathbf{f}), \mathbf{F}_{\mathbf{r}}, \mathbf{h})$
None	None	አንድ ፩	ኛ + ( <b>ነ</b> ት, $PLU$ ) + (( <b>ሌ</b> ት+ $[DEF]_{\Lambda,h}$ ), $POS^*$ ) + $7_{POS}$ + ((( $9^p,0$ ) + $5$ ), $9$ , $1$
P	$_{ m None}$	አንድ ፩	ኛ + ( <b>ነ</b> ት, $PLU$ ) + (( <b>ሌ</b> ት+ $[DEF]_{\Lambda,h}$ ), $POS^{\star\star}$ ) + <b>ን</b> + ((( <b>ም</b> , <b>ሰ</b> ) + <b>ና</b> ), <b>ማ</b> , <b>ሳ</b> )
(ስ,በ,ከ,ስል፡አንድ፡አስክ፡)	None	<i>አንድ</i> ,፩	ኛ + ( <b>ነ</b> ት, $PLU$ ) + (( <b>ሌ</b> ት+ $[DEF]_{\Lambda, h}$ ), $POS^{\star\star}$ ) + ((( <b>ም</b> ስ) + <b>ና</b> ), <b>ማ</b> ሳ)
( <b>h</b> , <b>f</b> )	+አለ፡	አንድ	$\mathbf{R} + (((\mathbf{P}^{\mathbf{p}}, \mathbf{h}) + \mathbf{f}), \mathbf{P}, \mathbf{h})$
( <b>ħ</b> , <b>f</b> )	+አለ፡	አንድ,፩	ኛ + ( <b>ነ</b> ት, $PLU$ ) + (( <b>ሌ</b> ት + $DEF$ ), $POS^{\star\star}$ ) + ((( <b>ም</b> , <b>ሰ</b> ) + <b>ና</b> ), <b>ማ</b> , <b>ሳ</b> )
Ω	+አለ፥	<i>አንድ</i> ጀ	ኛ + PLU + (ኢት + DEF) + $(((\mathbf{P},\mathbf{\hat{h}}) + \mathbf{f}),\mathbf{\P},\mathbf{\hat{h}})$
$(None, \mathbf{\Omega})$	None	አንድ ፩	$\mathcal{P} + (\mathcal{G}^{\mathbf{v}}, \mathbf{h}, \mathcal{G}^{\mathbf{v}}, \mathbf{h})$
(None, <b>∩</b> , <b>ħ</b> )	None	አንድ	$[\mathbf{P}] + ((\mathbf{P}^{\mathbf{v}}, \mathbf{\hat{\mathbf{h}}}) + \mathbf{\mathcal{D}} + \mathbf{\mathbf{f}}), (\mathbf{\mathcal{D}} + (((\mathbf{P}^{\mathbf{v}}, \mathbf{\hat{\mathbf{h}}}) + \mathbf{\mathbf{f}}), \mathbf{\mathbf{\mathbf{f}}}))$
$(\mathrm{None}, \mathbf{\Omega}, \mathbf{h})$	None	አንድ, <u>ጀ</u>	$\mathbf{\ddot{r}} + \mathrm{PLU} + [\mathrm{DEF}] + (\mathbf{P}, \mathbf{\dot{n}}) + 2 + (((\mathbf{P}, \mathbf{\dot{n}}) + \mathbf{\dot{r}}), \mathbf{\dot{q}}, \mathbf{\dot{n}})^{2}$

 $\star$  POS requires both  $\ref{f}$  and  $\ref{f}$ . POS can not follow after a prefix on one unless

#### Derived Adjectives of Indefinite Quantity (አንዳንድ)

Allowable Prefixes	Required Midfix	Adjective Stem	Allowable Suffixes
(None, <b>₽</b> )	None	አንዳንድ	$PLU + DEF + 7 + (((9^{\mathbf{p}}, \mathbf{\hat{n}}) + \mathbf{f}), 9^{\mathbf{p}}, \mathbf{\hat{n}})$
(ስ,በ,ከ,ስል፡እንድ፡)	None	<i>አንዳንድ</i>	$PLU + DEF + (((\mathbf{P}, \mathbf{\hat{n}}) + \mathbf{\hat{r}}), \mathbf{\hat{q}}, \mathbf{\hat{n}})$
$(\mathrm{None}, \mathbf{\Omega}, \mathbf{h})$	None	<i>አንዳንድ</i>	$\text{PLU} + \text{DEF} + (\boldsymbol{q^o}, \boldsymbol{h}) + \boldsymbol{\mathcal{I}} + (((\boldsymbol{q^o}, \boldsymbol{h}) + \boldsymbol{\varsigma}), \boldsymbol{q^o}, \boldsymbol{h})^{\circ}$
(None, <b>₹</b> )	+ <b>እየ</b> +	<i>አንዳ</i> ንድ	$PLU + [DEF, POS^{\star}] + 7 + (((\mathbf{9^o}, \mathbf{\^{0}}) + \mathbf{\^{1}}), \mathbf{\cancel{0}}, \mathbf{\cancel{0}})$
(ስ,በ,ከ,ስል,አንድ)	+ <b>እየ</b> +	<i>አንዳንድ</i>	$[PLU + [DEF, POS^*] + (((\mathbf{q^p}, \hat{\mathbf{h}}) + \hat{\mathbf{f}}), \mathbf{q^p}, \hat{\mathbf{h}})]$
(ከ,የ)	+አለ፡	<i>አንዳ</i> ንድ	$PLU + DEF + (((\mathbf{f}^{\mathbf{p}}, \mathbf{\hat{\Lambda}}) + \mathbf{f}), \mathbf{f}^{\mathbf{p}}, \mathbf{\hat{\Lambda}})$

<sup>★</sup> For all POS except first person singular.

# Derived Adjectives of Indefinite Quantity አንዳንዴ

Allowable Prefixes	Required Midfix	$egin{array}{c} { m Adjective} \ { m Stem} \end{array}$	Allowable Suffixes
None	None	አንዳንዴ	( <b>9</b> °, \hat{\hat{\hat{\hat{\hat{\hat{\hat{

POS in the above can only be one of ላችሁ, ላችን, ሀ, or ሽ.

ነት is present.

<sup>\*\*</sup> POS requires ነት.

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# Derived Adjectives of Specific Quantity

Allowable Prefixes	Required Midfix	Adjective Stem	Allowable Suffixes	
(None, <b>የ</b> ,ለ,በ,ከ,ስል፡,አንድ፡)	None	Number + 🖺 🕅	$(((\boldsymbol{g^p}, \boldsymbol{h}) + \boldsymbol{\varsigma}), \boldsymbol{q^q}, \boldsymbol{h})$	
$(None, \mathbf{\ell})$	None	Number + 🔑	$PLU + [DEF] + 7 + (((9^{\mathbf{p}}, \mathbf{\hat{n}}) + \mathbf{\hat{r}}), 9, \mathbf{\hat{n}})$	
(ለ,በ,ከ,ሰል፡,እንድ፡,እስክ፡)	None	Number + 🔑	$PLU + [DEF] + (((9^{\mathbf{p}}, \mathbf{\hat{n}}) + \mathbf{\hat{r}}), \mathbf{\hat{q}}, \mathbf{\hat{n}})$	
(የ,ለ,በ,ከ,ኢስክ፥)	None	Number + <b>ル</b>	$(((\boldsymbol{\mathcal{G}^{o}},\boldsymbol{\wedge}) + \boldsymbol{\varsigma}), \boldsymbol{\mathcal{G}^{o}}, \boldsymbol{\wedge})$	
( <b>ħ</b> , <b>P</b> )	+አለ፥	Number + 🖰 🎢	$(((\boldsymbol{g^{p}},\boldsymbol{h})+\boldsymbol{\varsigma}),\boldsymbol{\sigma},\boldsymbol{h})$	
( <b>ħ,f</b> )	+አለ፥	Number + <b>ル</b>	( <b>%</b> , <b>1</b> , <b>1</b> )	

<sup>\*</sup> PLU does not follow \* h3\$ which is singular.

#### Derived Adjectives of Specific Quantity $\geq 2$ and fractions

		<u> </u>	
Allowable Prefixes	Required Midfix	Adjective Stem	Allowable Suffixes
(None, <b>₹</b> )	None	Quantity	$\mathbf{r}^{\star}$ + (ነት,PLU) + (DEF,POS $^{\star}$ ) + ን + (((ም.ስ) + ና), $\mathbf{r}^{\star}$ ,ሳ)
(ለ,በ,ከ,ስል፡እንድ፡እስክ፡)	None	Quantity	$\mathbf{r}^{\mathbf{r}} + (\mathbf{r}^{\mathbf{r}}, \mathrm{PLU}) + \mathrm{DEF} + (((\mathbf{r}^{\mathbf{r}}, \mathbf{h}) + \mathbf{r}), \mathbf{r}^{\mathbf{r}}, \mathbf{h})$
$(\mathrm{None}, \mathbf{\hat{n}}, \mathbf{\hat{n}})$	None	Quantity	$\mathbf{G} + \mathrm{PLU} + [\mathrm{DEF}] + (\mathbf{G}^{\mathbf{p}}, \mathbf{\hat{\mathbf{h}}}) + \mathbf{\mathcal{I}} + (((\mathbf{G}^{\mathbf{p}}, \mathbf{\hat{\mathbf{h}}}) + \mathbf{\mathcal{I}}), \mathbf{\mathcal{I}}, \mathbf{\hat{\mathbf{h}}})^{2}$
P	+ <b>እየ</b> +	Quantity	$\mathbf{G} + PLU + DEF + \mathbf{J} + ((\mathbf{GP}, \mathbf{\Lambda}) + \mathbf{G}), \mathbf{GP}, \mathbf{\Lambda})$
(ለ,በ,ከ,ስል፡,እንድ፡,እስክ፡)	+እየ $+$	Quantity	$\mathbf{r}^{\mathbf{r}} + \text{PLU} + \text{DEF} + (((\mathbf{g}^{\mathbf{p}}, \mathbf{h}) + \mathbf{r}), \mathbf{r}^{\mathbf{q}}, \mathbf{h})$
$(None, \mathbf{P})$	+ <b>ስ</b> ነ+	Quantity	$7 + ((\mathbf{9^o}, \mathbf{\hat{n}}) + \mathbf{\hat{r}}), 9, \mathbf{\hat{n}})$
(ከ,አስክ)	+ <b>ስ</b> ነ+	Quantity	$\mathbf{F} + PLU + DEF + (((\mathbf{P}^{\mathbf{p}}, \mathbf{h}) + \mathbf{F}), \mathbf{P}, \mathbf{h})$
( <b>ħ,f</b> )	+አለ፥	Quantity	$\mathbf{F} + (1\mathbf{T}, PLU) + DEF + 7 + ((9^{\mathbf{p}}, \mathbf{h}) + \mathbf{F}), 7, \mathbf{h})$
Ω	+አለ፥	Quantity	$\mathbf{G} + \mathrm{DEF} + (((\mathbf{G}^{\mathbf{p}}, \mathbf{\hat{h}}) + \mathbf{G}), \mathbf{G}^{\mathbf{q}}, \mathbf{\hat{h}})$

\* POS requires ኛ or オオ and does not combine with 3. Note also ኛ + オオ = ヺ゚゚゚゚゚オオ.

# Derivations of the Copula

Allowable Prefixes	Required Midfix	$egin{array}{c} { m Adjective} \ { m Stem} \end{array}$	Allowable Suffixes
None	None	Copula	(ን, <b>ም</b> ,ስ) + ኣ