Asarag aɣelnaw ɣef tesleḍt tawurnant n tutlayin tigamanin : Icqirwen & Isnasen TALN, 2025.

4-5 Unbir 2025 Bgayet,lezzayer.

AZWEL N UMAGRAD-NWEN S TEFRANSIST (AD YETTWARU SƔUR UMESKAR)

## Aɣara akked yisem n umaru11\*, Aɣara akked yisem n umaru 22, akked Aɣara akked yisem n umaru 33

1Tazdayt1 (Taseddawit/ Tanaremt, Tamdint, Tamurt)

1*Tansa :* [email1@example.com](mailto:email1@example.com)

2 Tazdayt 2 (Taseddawit/ Tanaremt, Tamdint, Tamurt)

2 *Tansa :* [email2@example.com](mailto:email2@example.com)

3 Tazdayt 3 (Taseddawit/ Tanaremt, Tamdint, Tamurt)

## 3 *Tansa :* [email3@example.com](mailto:email3@example.com)

\****Ameskar amazzan***

**Agzul**

**Amnir i tira n ugzul :** Agzul ilaq ad yili d tasemlilt n leqdic-nwen s talɣa timanit seg 150-250 n wawalen.

Ilaq ad yesɛu :

* Tamukrist akked wazal-is.
* Anekmar/tarrayt tagejdant.
* Igemmaḍ isura iɣer tessawḍem (wi i yufan ad yili s tmuɣli tasmektant).
* Taggrayt tagejdant neɣ azerrer.

Ur ssemraset ara tibdar akked tzegzilin ur nettwafham ara. Ilaq ad yili d awezlan, ijebbed ɣer tɣuri.

**AWALEN - ISURA :** *(Amnir : i wakken ad nessismel amagrad-nwen, fernet 3 ɣer 5 n wawalen-isura iwatan s tefransist ara t-id igelmen. Bḍut-ten s wagaz-tafrayt. Amedya tasleḍt tawurnant n tmeslayt ; tasleḍt n yiḥulfan ; almad s usikel.)*

# Tazwart

***Amnir i tira n tezwart :*** Bdut s wazal i yesɛa usentel : iwacu tamukrist-a tesɛa azal ? Snekdet s tewzel asatal d leqdicat i d-yellan yakan fell-as, sbeyynet-d lixṣaṣ i yellan d wayen i tgemnem ad d-ternum. Fket-d srid iswan-nwen, ssisemlet timerniwin-nwen timuzzigin. Ɣer taggara glemt-d taɣessa n umagrad. Ɛerḍet amek ara tili tegzemt-a fessuset akken i tt-yettraju yimeɣri.

# Tasnarrayt / Anekmar

***Amnir i tira n tesnarrayt :*** Gelmet-d s telqayt anekmar-nwen, awarzim, tasegda, rtg., i uḍman n tezmart n uɛiwed n usufeɣ. Sbadut-d akken iwata izemlen d tmiḍranin - tisura. Sfuklet-d ifranen-nwen isnarayanen. Smerset tigdiwin (s usiḍen akked usegzi) akked tugniwin (tasarut i usbadu d uwehhi deg uḍris, akken i tella di tugna [1](#_bookmark0)) i usegzi iwatan. Bedret-d, ma ilaq allalen d yiɣbula i yesɛan azal.

Adeg i tugna 1

Tugna 1 : amedya n tsarut n tugna i d-igelmen tasegda neɣ akala.

# Tirmitin d yigemmaḍ

***Amnir i tira n tirmitin akked yigemmaḍ :*** Gelmet-d tirmit-nwen :

* + **Isallen n yinefkan** : aɣbalu, tulmisin, beṭṭu.
  + **Isfernen** : asfukel n ufran.
  + **Lsisan igejdanen (Baselines) / tarrayin tisrewsanin** : aglam d uwalem.
  + **Tigin** : Aɣewwar unnig, tiɣbula i yettwasxedmen.

Senkedt-d igemmaḍ akken iwata, a wi yufan ad ilin s tfelwiyin (amedya n tfelwit [1](#_bookmark1)) d yizamulen. Sbeyynet-d igemmaḍ isnamkanen. Erret azal i teṣleḍt d usegzi n yigemmaḍ : ɣef wacu i d-ttawin ? Srewset ɣer lsisan igejdanen. Bedret-d tilisa n uskazal-nwen.

Tafelwit 1 : amedya n tsarut n tfelwit i d-yessenkaden igemmaḍ.

|  |  |  |
| --- | --- | --- |
| Tarrayt | Anekmar 1 | Anekmar 2 |
| Lsisan Igejdanen A | XX.X | YY.Y |
| Tarrayt-nneɣ | **ZZ.Z** | **WW.W** |

# Taggrayt

***Amnir i tira n tegrayt :*** Ssisemlet timerniwin tisura n umagrad-nwen, s tririt ɣef tmukrist i d-tbedrem deg tezwart. Jemɛet-d igemmaḍ igejdanen d wayen iɣer tessawḍem deg tirmitin-nwen. Mmeslayet-d s tewzel ɣef wayen i d-yegla leqdic-nwen. Smektit-d tilisa tigejdanin. Ssumret-d iwellihen ibanen ara yilin d leqdicat n yimal i yebnan ɣef yigemmaḍ-nwen neɣ ɣef lexṣaṣ i twalam. Ur d-ttaket ara igemmaḍ imaynuten dagi.

# Tiɣbula

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2. Amnadi C. (aseggas). *Aswel n udlis.* Imsiẓreg.