

|              |   |                        |
|--------------|---|------------------------|
| control      | → | statement control      |
|              | → | ifst control           |
|              | → | loop control           |
|              | → | set control            |
|              | → | ε                      |
| statement    | → | ID args DELIM          |
| args         | → | ID args                |
|              | → | get args               |
|              | → | eval args              |
|              | → | ε                      |
| ifst         | → | IF eval branch         |
| branch       | → | control maybe_branch   |
| maybe_branch | → | ELSE control END       |
|              | → | ELIF eval branch       |
|              | → | END                    |
| loop         | → | WHILE eval control END |
| set          | → | SET ID [=] ID          |
| get          | → | \$ ID                  |
| getn         | → | # ID                   |
| eval         | → | ( aexpr )              |
| aexprlv      | → | op                     |
| aexprorv     | → | + op                   |
|              | → | - op                   |
|              | → | * op                   |
|              | → | / op                   |
|              | → | % op                   |
|              | → | < op                   |
|              | → | > op                   |
|              | → | >= op                  |
|              | → | <= op                  |
|              | → | == op                  |
|              | → | != op                  |
|              | → | ε                      |
| op           | → | NUMBER                 |
|              | → | ' ID '                 |
|              | → | get                    |
|              | → | getn                   |

## Legend:

|                    |                  |
|--------------------|------------------|
| <code>tele</code>  | non-terminal     |
| <code>TELE</code>  | tokens           |
| <code>boxed</code> | set of terminals |
| $\epsilon$         | empty string     |