

Researches Forage Department

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3. رَقِيى ثَعَض انزِشاكِيْث انِّسائِيخ يِي سِجِي انْعَهْف حَطِيْطِ حَطِيْطِ انِّس داانْبِدْأ نَجْعَض انصِفْد ان حَصْنِيخ

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- Fodder beet (*Beta vulgaris* L.) Potentialities as affected by nitrogen and potassium fertilization levels.
- Effect of intercropping patterns of teosinte with cowpea on yield, quality and their competitive relationships.
- Using cytoplasmic male sterility in producing forage pearl millet hybrids.
- Inter and intra competition among teosinte and cowpea plants under four intercropping patterns.

- Developing the productivity of base populations using family selection within local and introduced varieties of alfalfa (*Medicago sativa* L.).



- Response of pearl millet forage yield to three cycles of recurrent selection.

- 1- Studies on genetic behavior of sorghum – sudan grass hybrids under saline irrigation water.
- 2- Efficiency of selection for synthetic variety in farmer seed lots of Egyptian clover "*Trifolium alexandrinum* L."

- 1- Study of genetic behavior of interspecific crosses of Maize- Teosinte.
- 2- Combining ability of forage yield for sorghum – sudangrass hybrids under water stress using line x tester.
- 3- Evaluation of selected forage pearl millet germplasm for yield and yield components traits.

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