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ERGONOMIC EVALUATION OF SEED PLACEMENT TUBE FOR COTTON DIBBLING OVER CONVENTIONAL METHOD

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A. Mrunalini

ABSTRACT

A field experimental study was conducted to evaluate the performance of seed placement tube for cotton dibbling over conventional method with six women subjects as users of technology. Variables observed were physical characteristics, time for area covered while dibbling, postural analysis as per OWAS, RULA, postural shifts, its duration and repetitive strain index. Results revealed that the use of seed placement tube could save about 24 minutes and one could cover an additional area of 176sq.m over manual hand dibbling method.

Article Indexed in



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Introduction

In India, rural women play a significant role in agriculture and other agro based activities. The daily work schedule of rural women is very demanding and arduous. It was estimated that during peak period, women work every day for about 8-9 hours in agriculture and 4 hours in household activities.

A Good Introduction :-

Importance of the expected results to the general inquiry Extremely briefly depict the exploratory configuration and how it achieved the expressed destinations.

Materials

Field experimental design was selected with six subjects as users of technology for the study. Conventional dibbling against the use of seed placement tube were the treatments compared.

A Good Materials :-

Materials may be accounted for in a different passage or else they may be distinguished alongside your systems. Inc or supplies that are not generally found in research centers.

Result

Physical characteristics: The mean age was reported as 34 years and stature 153 cm. All the subjects were categorized as having mesomorph body type and with no previous medical ailments.

A Good Result :-

Results are as per aims and objective and useful to further research .

Conclusion

It can be concluded that the use of seed placement tube could save about 24 minutes over hand dibbling method and one could cover an additional area of 176sq.m. Overall, the seed placement tube could reduce OWAS score to (1) indicating that postural correction could take place and further relieved the forward trunk flexion with high frequency.

A Good Conclusion :-

Thus, the research have wider scope for new academician and research scholars.

References

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A Good References :-

There are Places where the Author A. Mrunalini Need to Cite a Reference, but Have Not

SUMMARY OF ARTICLE

No.		Very High	High	Average	Low	Very Low
1.	Interest of the topic to the readers	✓				
2.	Originally & Novelty of the ideas		✓			
3.	Importance of the proposed ideas	✓				
4.	Timelines			✓		
5.	Sufficient information to support the assertions made & conclusion drawn	✓				
6.	Quality of writing (Organization, Clarity, Accuracy Grammer)	✓				
7.	References & Citation (Up-to-date, Appropriate Sufficient)					

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REVIEWER COMMENTS

- The presentation is pertinent and hypothesis based.
- Sufficient data about the past study discoveries is displayed for perusers to take after the present study method of reasoning and strategies.

Authorized Signature

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Review Editor

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