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## A NOTE ON THE TIME OF PLANTING OF VETIVER

Vetiver grass (*Vetiveria zizanioides*) an important oil yielding crop is grown purely as a rainfed crop in S. India. Since good quality oil is contained in the rootlets developed after flowering, the maturity of the roots influences the yield. A crop planted during the rainy month will flower during the same season next year. However, planting late in the rainy months results in the production of coarse roots which yield an inferior quality of oil. Therefore an experiment was undertaken in the Lemongrass Research Station, Odakkali, during the year 1964-65 to 1970-71 to determine the best month for planting vetiver to get the maximum yield of roots and oil. The design adopted was a 6x4 R. B. D. and the treatments consisted of planting the crop in the months of May to October.

The yield of roots and oil under different treatments are given in Table 1 and Table 2 respectively. The results revealed that there was no significant difference between treatments in the production of roots or oil. However, it is observed that planting the crop in the months of May and June gave slightly higher yield of roots where as June-July planting was better for increased oil production.

Table 1

Yield of roots in Kg/plot

Treatment	1964-65	1966-67	1968-69	1970-71	Total	Mean
May planting	10.9	14.1	18.8	29.1	72.9	18.22
June "	10.8	11.9	25.0	28.0	75.7	18.92
July "	14.8	9.4	20.6	24.3	69.1	17.27
August "	13.7	12.4	11.0	18.6	55.7	13.92
September "	9.8	13.1	21.9	6.0	50.8	12.70
October "	8.4	12.5	17.0	0.7	38.6	9.65

F — Test : Not significant

Table 2  
Yield of oil in cc/plot

Treatment	1964-65	1966-67	1968-69	1970-71	Total	Mean
May planting	41.6	48.5	33	19.0	112.4	28.10
June „	52.5	53.8	39.0	21.0	166.3	41.57
July „	65.00	58.8	62.0	28.3	214.1	53.52
August „	78.8	42.5	40.5	34.3	196.1	49.02
September „	57.0	56.2	47.0	28.0	183.2	47.05
October „	50.0	62.5	52.5	1.0	166.0	41.50

F — Test: Not significant

### സംഗ്രഹം

ഓടക്കാലിലമൺ റിസർച്ച് സ്റ്റേഷനിൽ നടത്തിയ പരീക്ഷണങ്ങളിൽ നിന്നും രാമച്ചം നട്ടുന മാസത്തിനനുസരിച്ചു പേരിന്റെ തുകത്തിലൊ, അതിൽ നിന്നും കിട്ടുന്ന എണ്ണയുടെ അളവിലൊ സാരമായ വ്യത്യാസം വരുന്നില്ലെന്നു കണ്ടു. മേയ് ജൂൺ മാസങ്ങളിൽ നട്ട ചെടികളിൽ നിന്നും കുറച്ചു വേരും ജൂൺ ജൂലായ് മാസങ്ങളിൽ നട്ട ചെടികളിനിന്നും അല്പം എണ്ണയും കൂടുതൽ ലഭിച്ചു.

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