



????????????????????

2????????????????1963????×????????1973????????????9.6????13.0????  
????2.5??14.5%?15%??  
????????????????5?????,????45????????????????????????????  
????????????????

3????????????95????????????????5—5.5????????????  
????6.0??  
????????17%????????92.3%????5??6????4?5????40? 50??

4????8????????????????--????????,????‘?’ ,????,??  
????????????,????,????,????????????????????????  
??12.9????????6??  
??????

????????\*\*????????????????????????????????????\*\*????  
????????\*\*????????????????????????????????????

5??15.7  
5%????????7.5????C????22.578????4.2??6????  
????????20????90????????????

6????????10.85????14.2????????????2.24????  
????????????14.8%??5????3-5????  
????????????

7?????:????????1993????????14.5????2??  
????4????11????????????  
????????22.6??17.4??1.3????90.3??

8????????2002????????10????12????  
????91.2????5????5?7????

?????????? ?

9????????4.8?5????  
????4????7-10????  
????

10????4????“????”????9????11????

????????????????????17%????????????????????6????????????  
????????????????3????????????????????

11????????????????????3?5????????????????????

12????????????????????1965????×????????????????????  
????????????????????8???? 12????????????????????,????  
????????????????????16.5%??6????????????????????  
??  
????????????????????????????????????

13????????????????8.0????12.0????????????????????  
????????????????15%?17%????????????93%????6????????  
????????????????????3????5?6????????5?  
????20.0????????????????????

????????????

14?????:????(Brooks)????×??(Ranier×Early  
Burlat)????9?4 g????13?0  
g????(??)????3?1  
cm????[2]????96?10%????(??)199?7 g/mm<sup>2</sup>????2?3????  
????17?00%????60%????97%????28%????17?5????2?2?????0?  
5????30????

15????—?:????2500????  
????11-13????  
??17.9? ?14.6????0.78????6????2-3????  
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