**Notes for video 7.5.:** <http://tinyurl.com/rr480/video/effectsize>



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|  | Table 1. Gains of Variety A compared to B and C  for pre-determined confidence levels  Confidence in larger gains (kg/ha)  Improvement  A over B  A over C  0.95  179  173  0.75  200  193  0.50  212  205  0.25  224  217 |  |  |
|  |  |  |
|  |  |  |

Table 2. Probability of achieving pre-determined 
gains by variety A! over control varieties B and C. 
Probability of gain (%) 
Improvement 
A over B 
A over C 
35% 
0.96 
0.93 
0.69 
0.52 
45% 
0.16 
0.08 