



























2. Inhibition of ear development and silk emergence

- ear and silk growth are very sensitive indicators of plant stress, particularly water stress.
- Inhibition of ear and silk growth results in asynchrony between pollen shed and silk emergence





















"What is Yield" Duvick (1997)		
Trait	slope	r ²
Tassel weight	0.05 g/year	-0.70
Silk delay	6 GDU/year	-0.61
Ears/100 plants	0.2/year	0.74
Kernels/ear	1.1 kernels/year	-0.11
Not root lodged	0.9%/year	0.68































