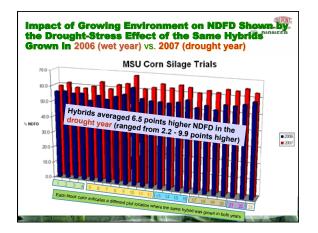
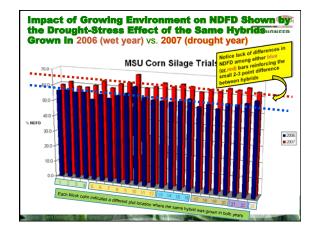




Keys to Good Corn Silage Yields





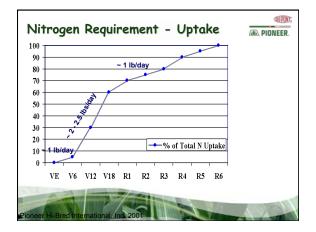


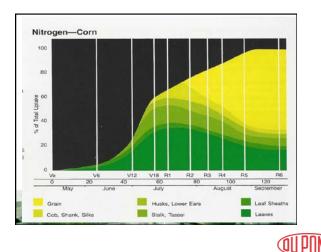
#### Nitrogen Requirement

- 1.2 to 1.3 lbs N per bushel of grain or up to 8 to 9Lbs N per 35% ton.
- Can get by with 0.9 lb N / Bushel if managed well

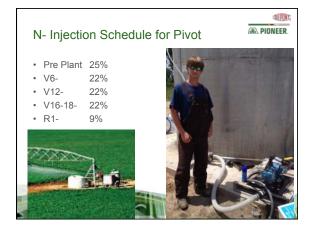
Placement, timing, N source, environment, N credits

Grain per acre	Grain per ton of silage
89 bushols	5.0 bushels
117 bushels	6.0 bushels
124 bushels	6.2 bushels
131 bushels	6.9 bushels
152 bushels	7.5 bushels
160 bushels	8.1 bushels
180 bushels	12.0 bushels

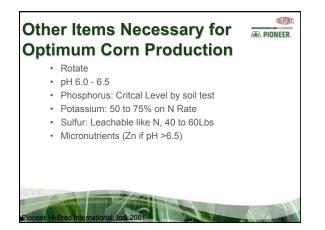


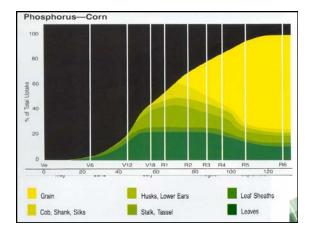


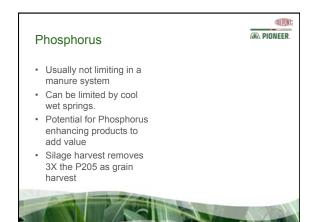
(III) (a). PIONEER.

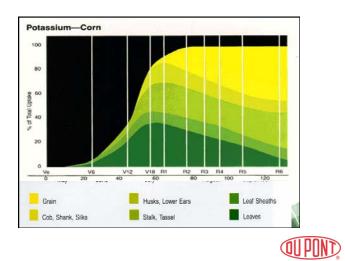






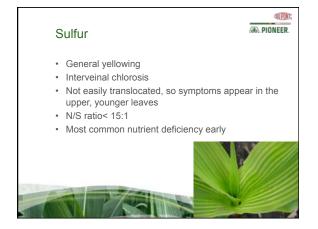








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â	as grain	1 <sup>st</sup> 25 days	2 <sup>nd</sup> 25 days	3 <sup>rd</sup> 25 days	4 <sup>th</sup> 25 days	Last 25 days	Total Ibs. Uptake	
	N	8	35	31	20	6	240	
	P205	7	29	39	27	8	110	
-	K20	9	44	31	14	2	240	-
			1				4/	



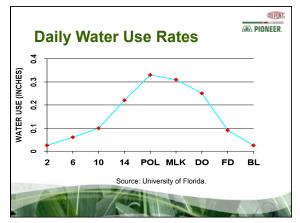




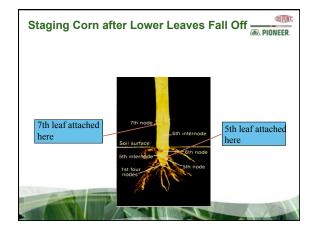


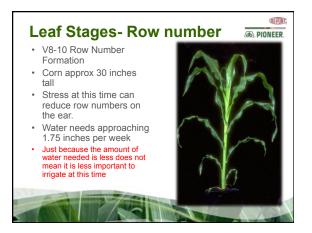






stimated Water Use of Corn during arious Stages of Growth			
Days After Planting	Growth Stage	Inches per Day	Total Water Use (inches)
0-20	seedling	.06	1.2
20-30	5"-10"	.09	.9
30-40	10"-20"	.15	1.5
40-50	20"-50"	.20	2.0
50-60	50"-80"	.21	2.1
60-70	80"-silking	.25	2.5
70-100	silking-grainfill	.33	10.0
100-110	grainfill	.25	2.5
110-120	maturity	.23	2.3
0-120			25.0
	1		











Keys to Good Corn Silage Yields

COLPANY

(a). PIONEER.

#### VT – Tassel Stage

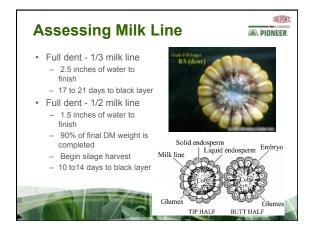
- Tassels emerge silks 2-3 days later
- · Pollen shed 10-14 days later
- Tassel emergence and silking is the heart of the critical stage of water usage

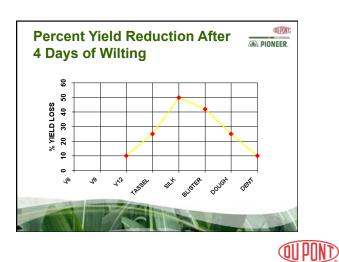














Soil Texture	Inches per Foot
Coarse sand	0.5
Very fine sand	1.2
Very fine sandy loam	1.9
Silt loam	2.1
Silty loam	2.6
Clay	2.8

