

ISU Armstrong R&D Farm

September, 2002



The Armstrong Farm suffered from drought, and none of the vines reached the top wire.

2,4-D Injury: Vines at the Horticulture Farm were exposed to drift in late August 2002. The injury was rated on a scale of 1 (no apparent injury) to 5 (very severe injury).

None
1



Slight
2



Moderate
3



Very
Severe
5



2,4-D Injury Rating*

following a exposure in early September

Cynthiana	4.5 a	Marquis	3.5 bc	Chambourcin	1.3 ef
Vanessa	4.2 a	Edelweiss	3.4 bc	La Crosse	1.1 ef
Traminette	3.9 ab	Foch	3.1 c	Frontenac	1.1 ef
Reliance	3.9 ab	St. Croix	2.3 d	Seyval	1.0 f
Mars	3.6 bc	Vignole	1.6 e		

*Means followed by the same letter are not significantly different.

Rating Scale:

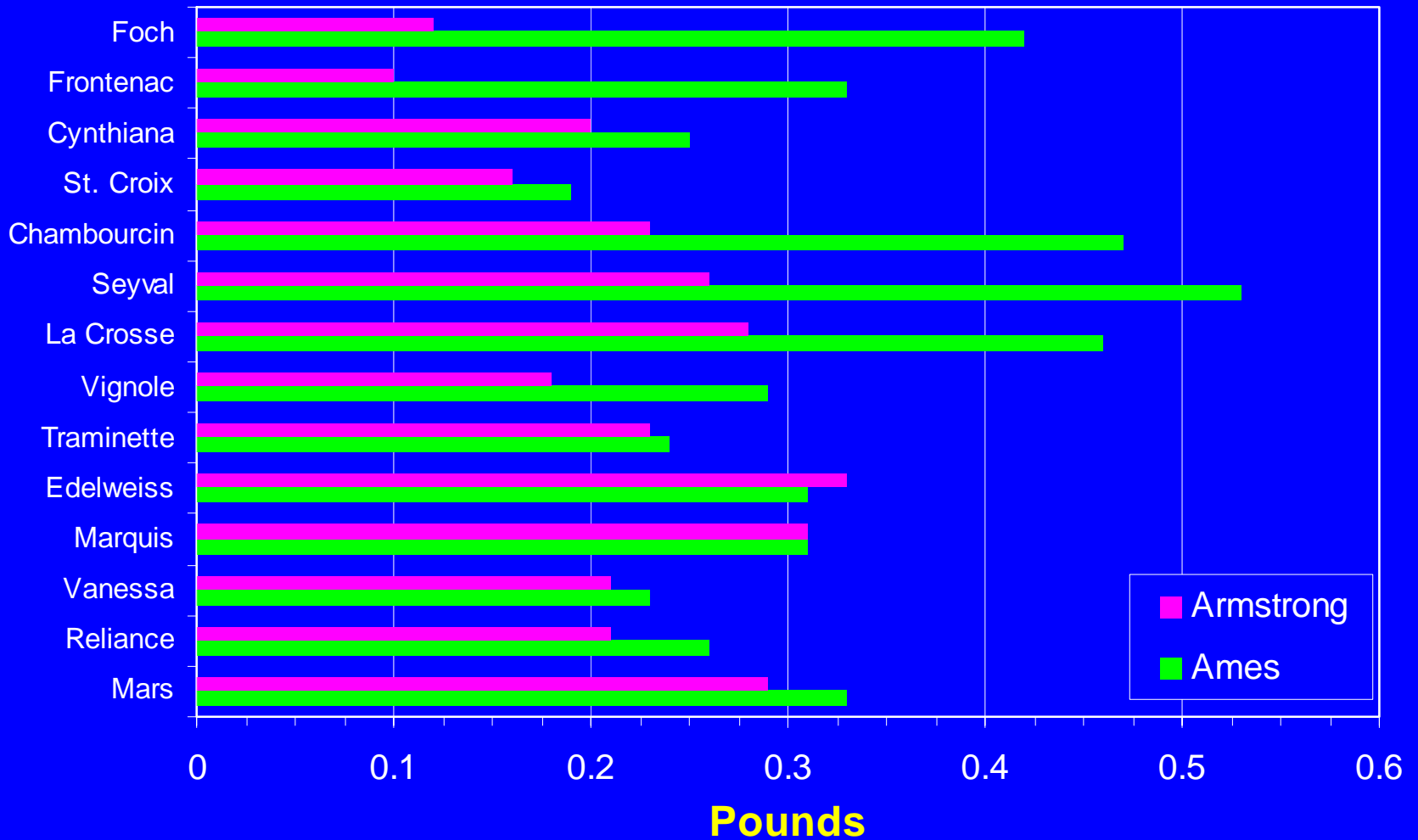
1 = no apparent injury; 2 = slight symptoms of abnormal venation; 3 = moderate; 4 = severe; 5 = very severe.

Spring 2003

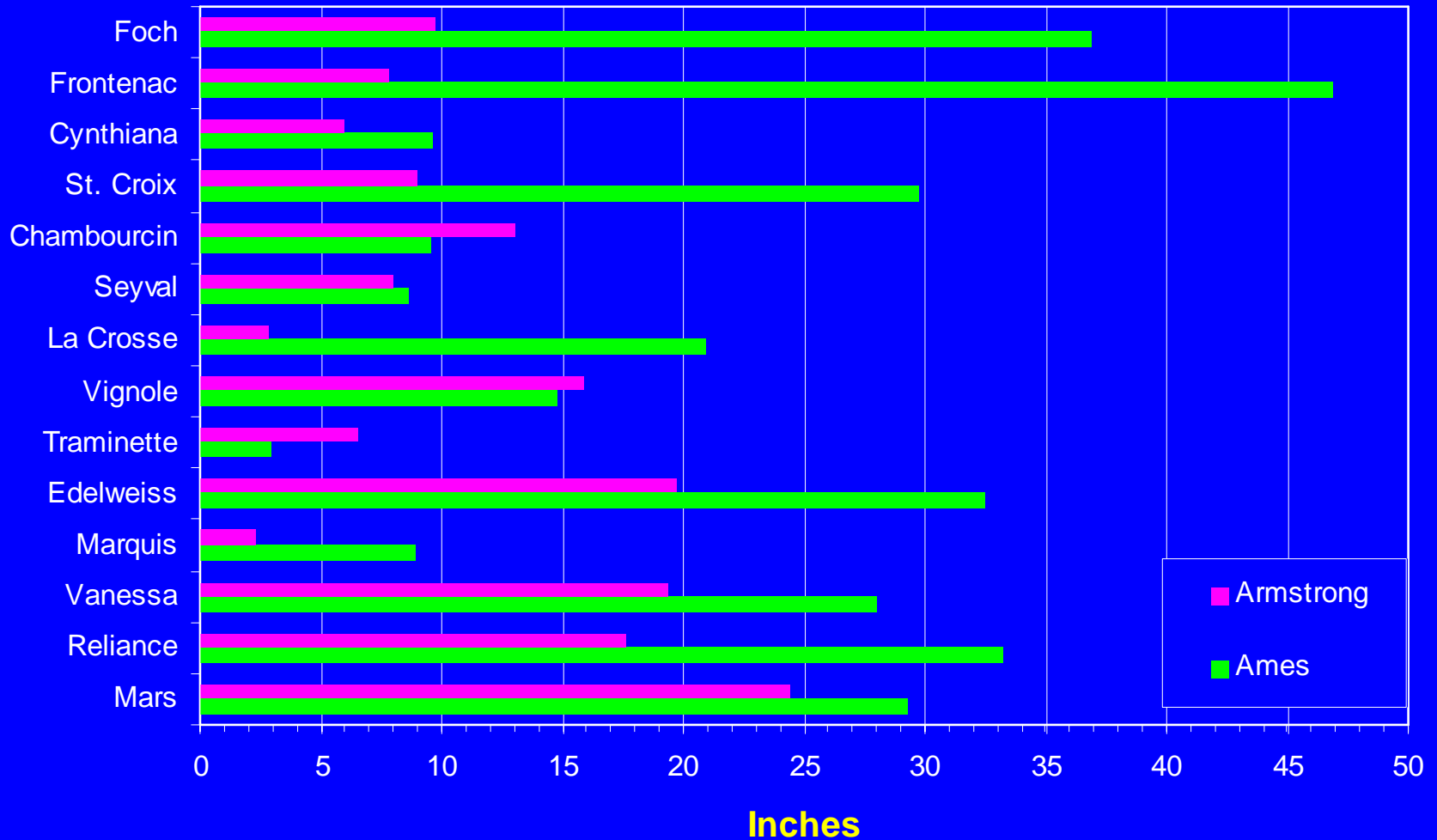


The vines were pruned to live tissue that was $5/16$ inch in diameter and the weight of the prunings recorded. A considerable amount of cane die-back was noted during pruning. After bud-break, the height of highest emerging bud was recorded.

2003 Pruning Weights



Height of Bud Emergence



ISU Horticulture Farm

August 2003



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September, 2003



2003 Wine Grape Cultivar Trial

Supported by an
IDALS Specialty Crops Grant
awarded to the
Iowa Grape Growers Association
and contracted to the
ISU Horticulture Dept.

“Adaptability of New Wine Grape
Cultivars to Iowa”

2003 Wine Grape Cultivar Trial Planting Sites

