

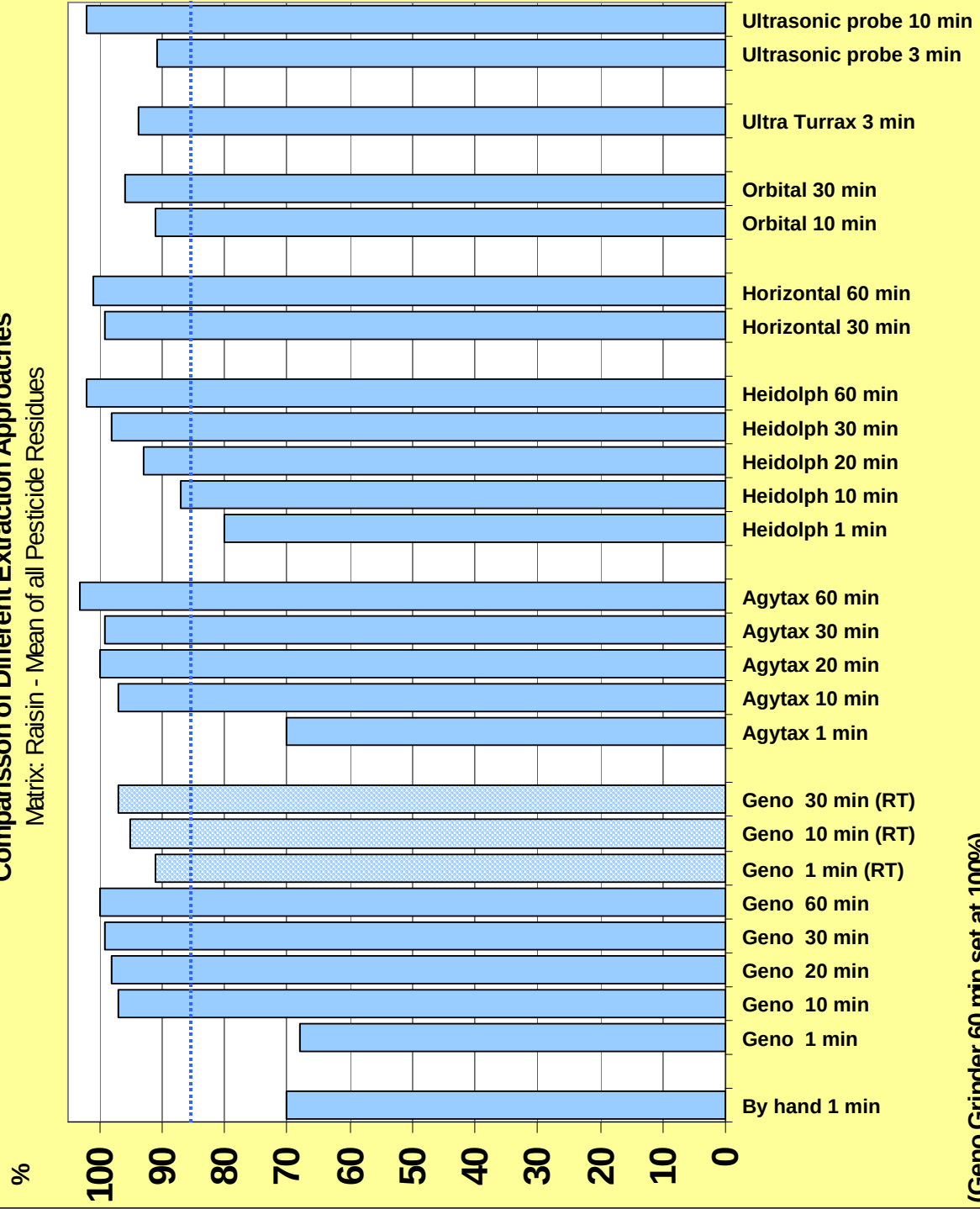
**Complementary pictures
belonging to poster PA 136**

Presented at EPRW 2010

Michelangelo Anastassiades et al.

Comparison of Different Extraction Approaches

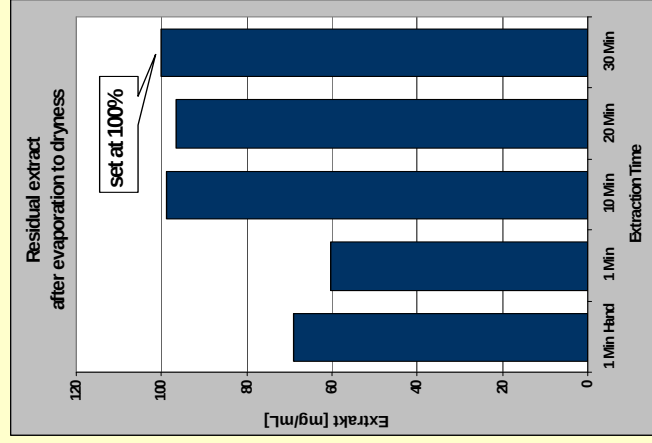
Matrix: Raisin - Mean of all Pesticide Residues



(Geno Grinder 60 min set at 100%)

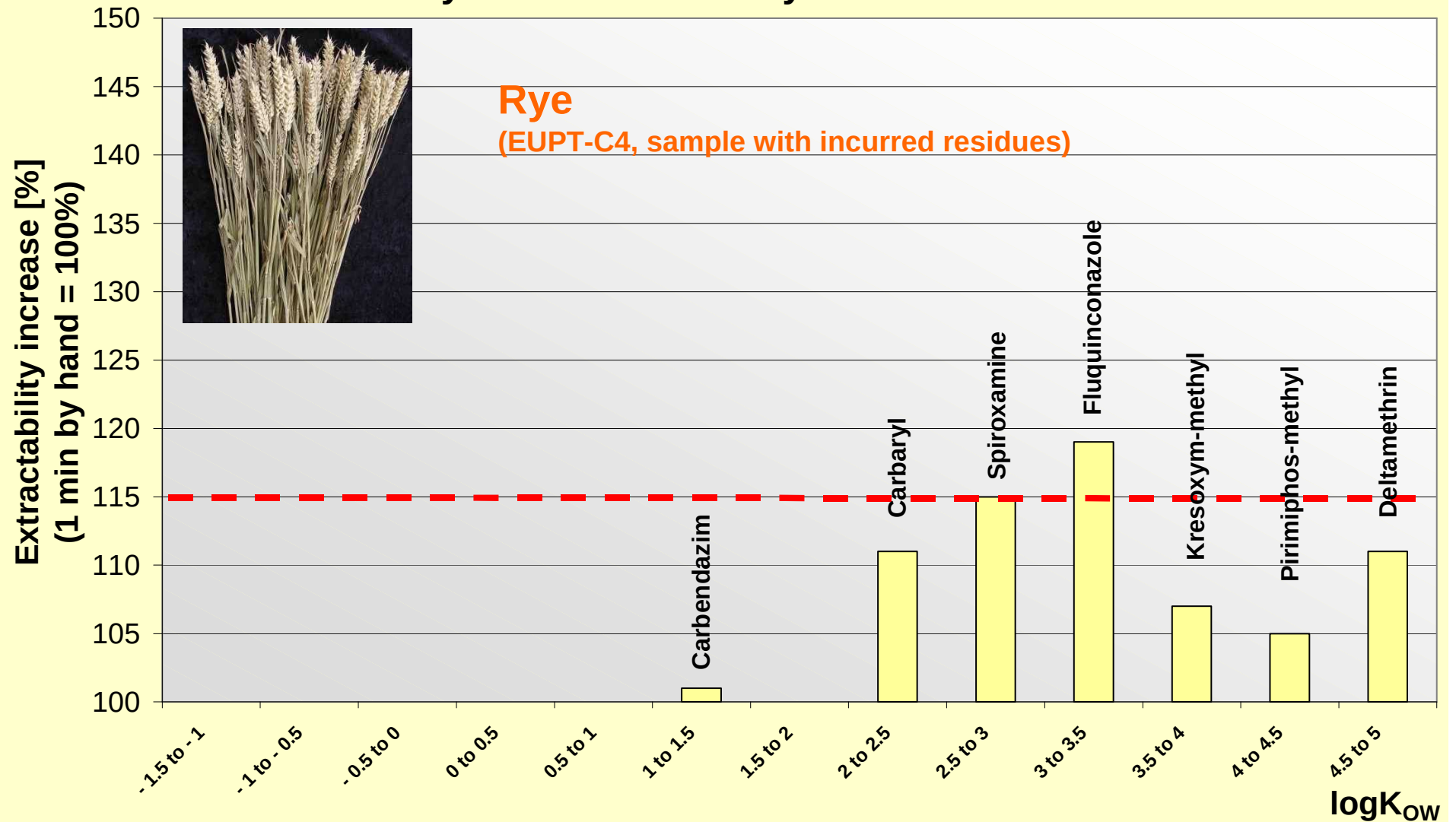
Compounds present

- Cyromazin
- Boscalid
- Indoxacarb
- Methoxyfenozide
- Fenhexamide
- Penconazole
- Carbendazim
- Cyromazine



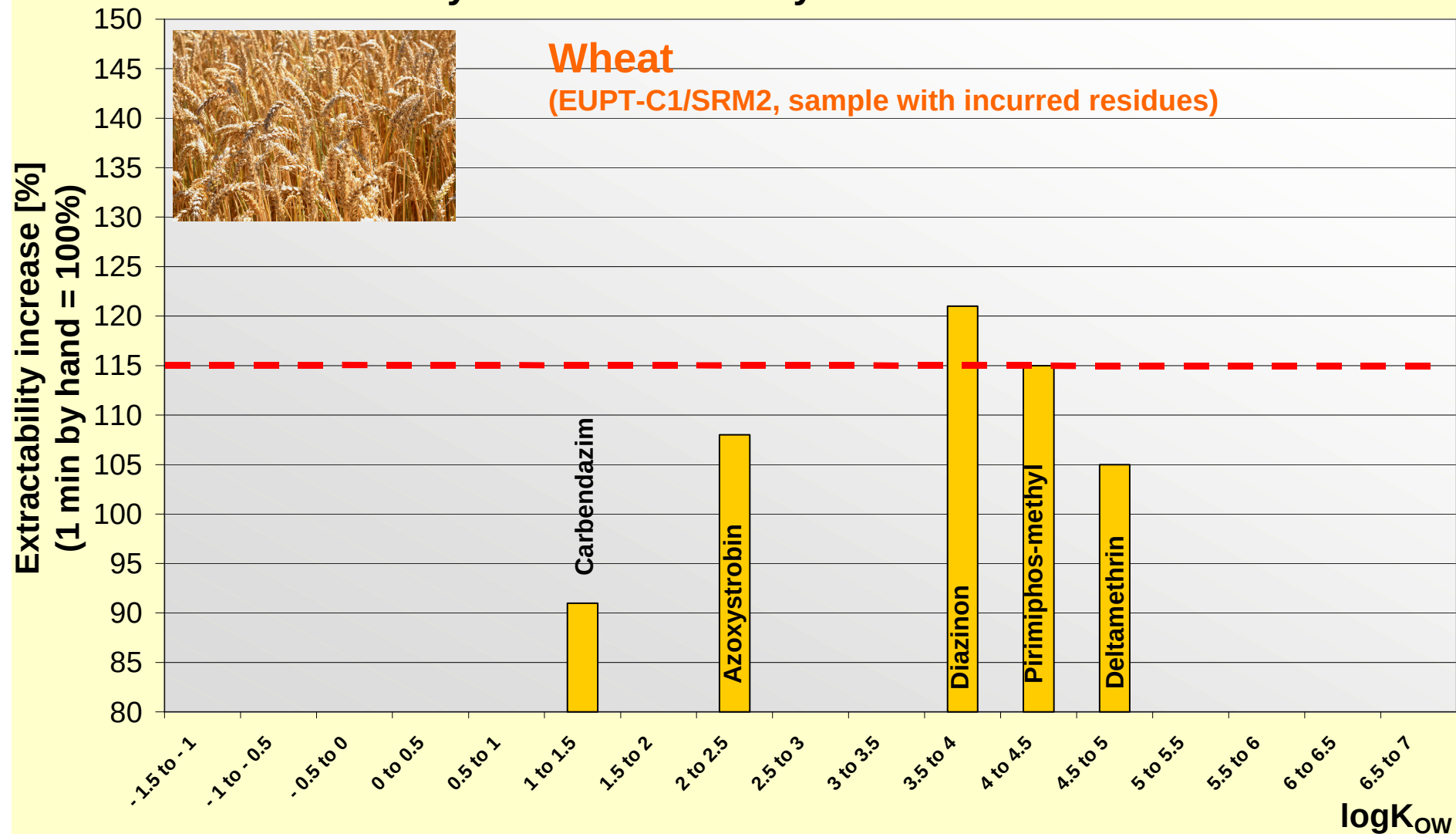
Comparison of extractability using QuEChERS

1 min by hand vs. 20 min by automated shaker



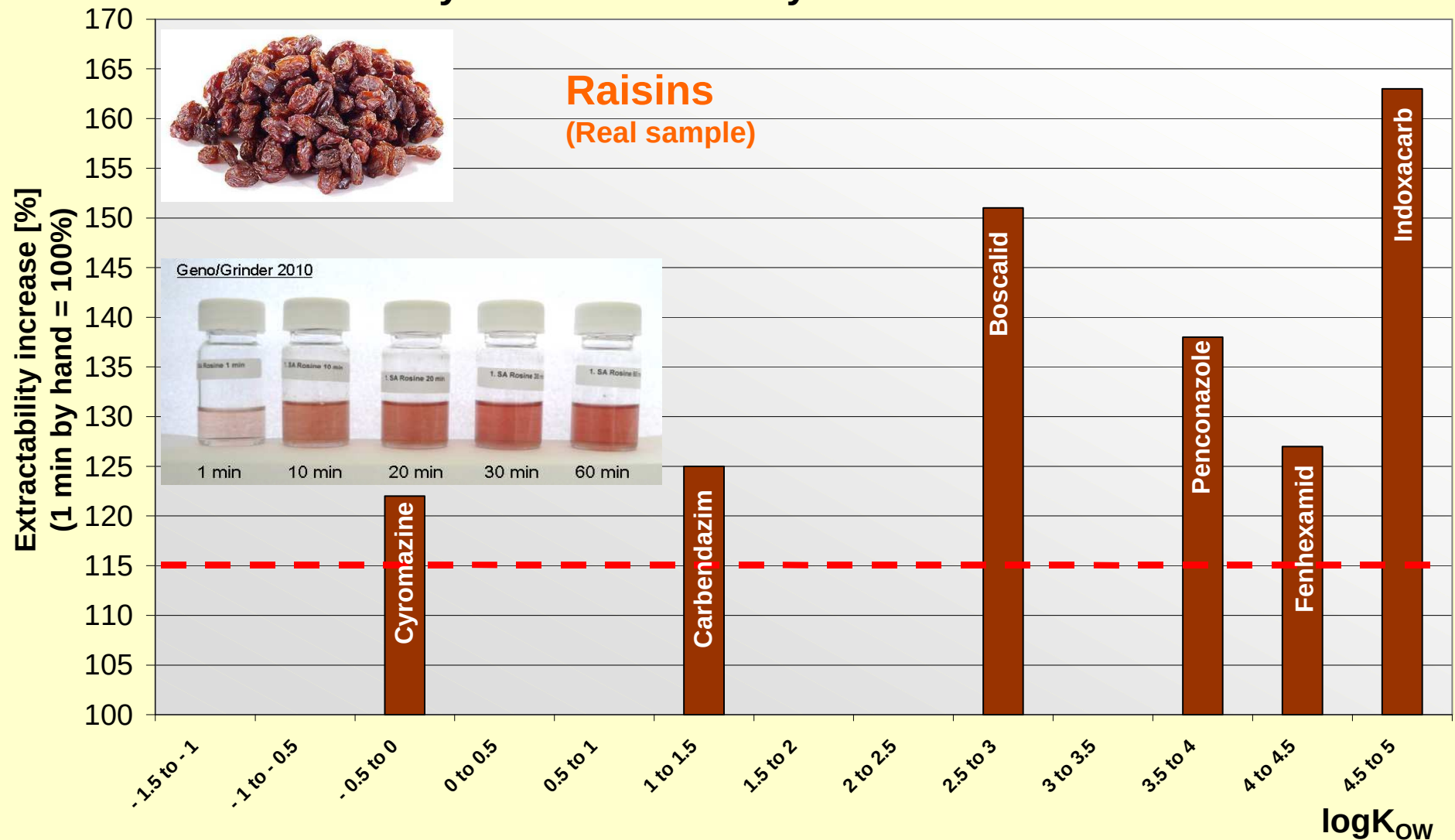
Comparison of extractability using QuEChERS

1 min by hand vs. 20 min by automated shaker



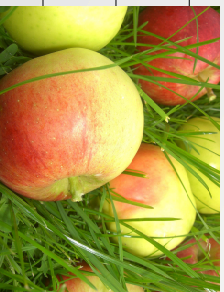
Comparison of extractability using QuEChERS

1 min by hand vs. 20 min by automated shaker

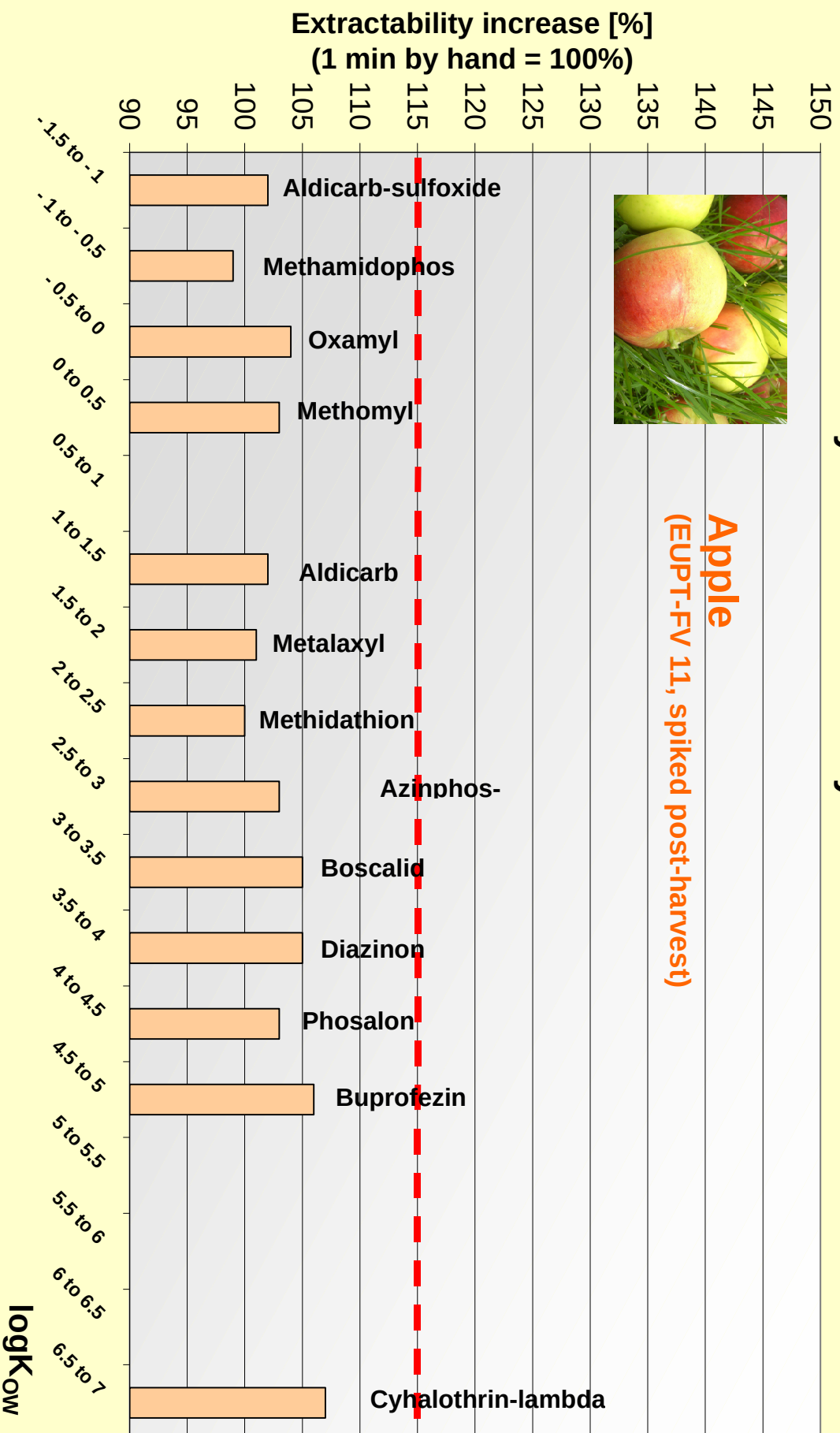


Comparison of extractability using QUECHERS

1 min by hand vs. 20 min by automated shaker

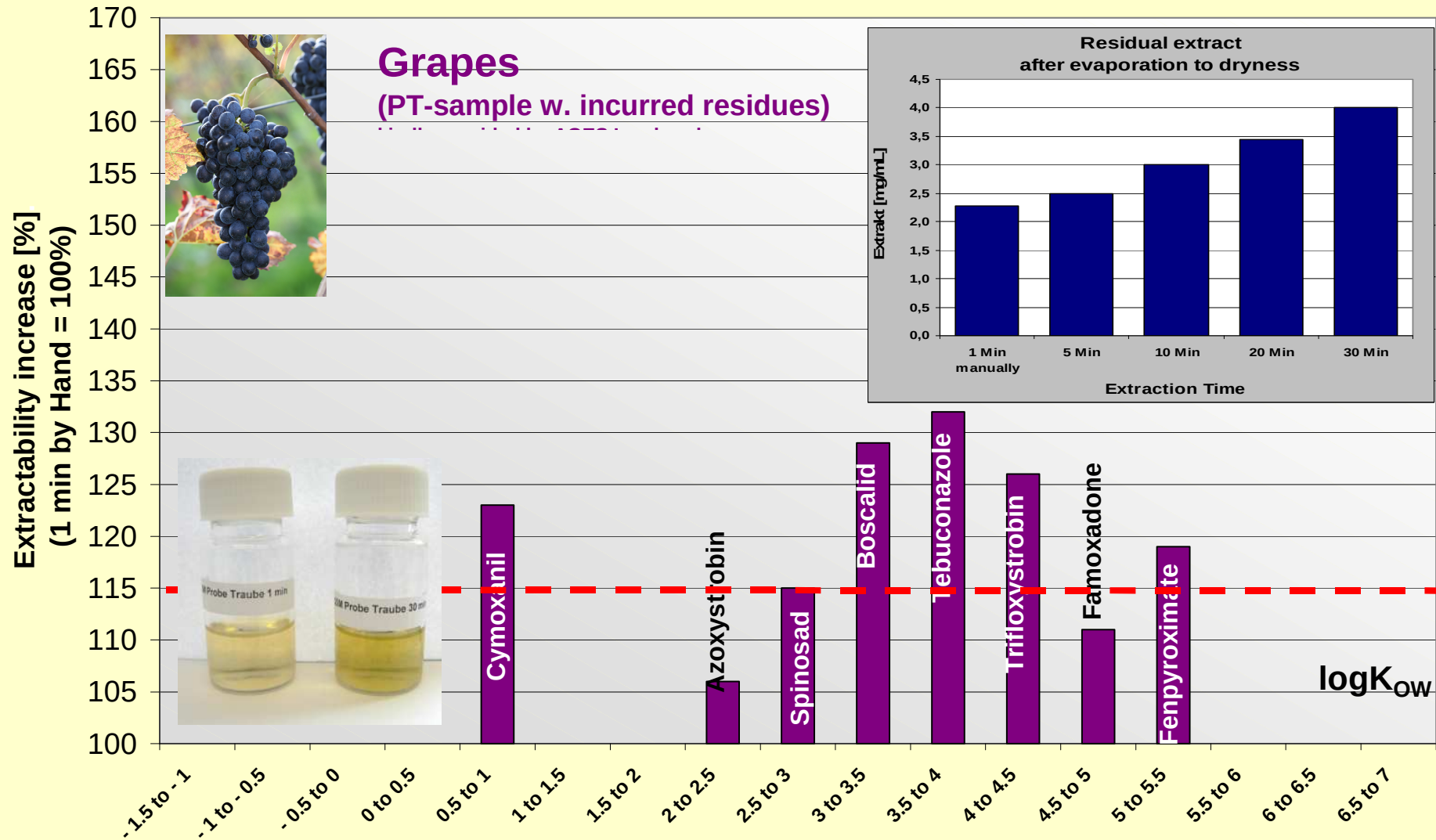


Apple
(EUPY-FV 11, spiked post-harvest)



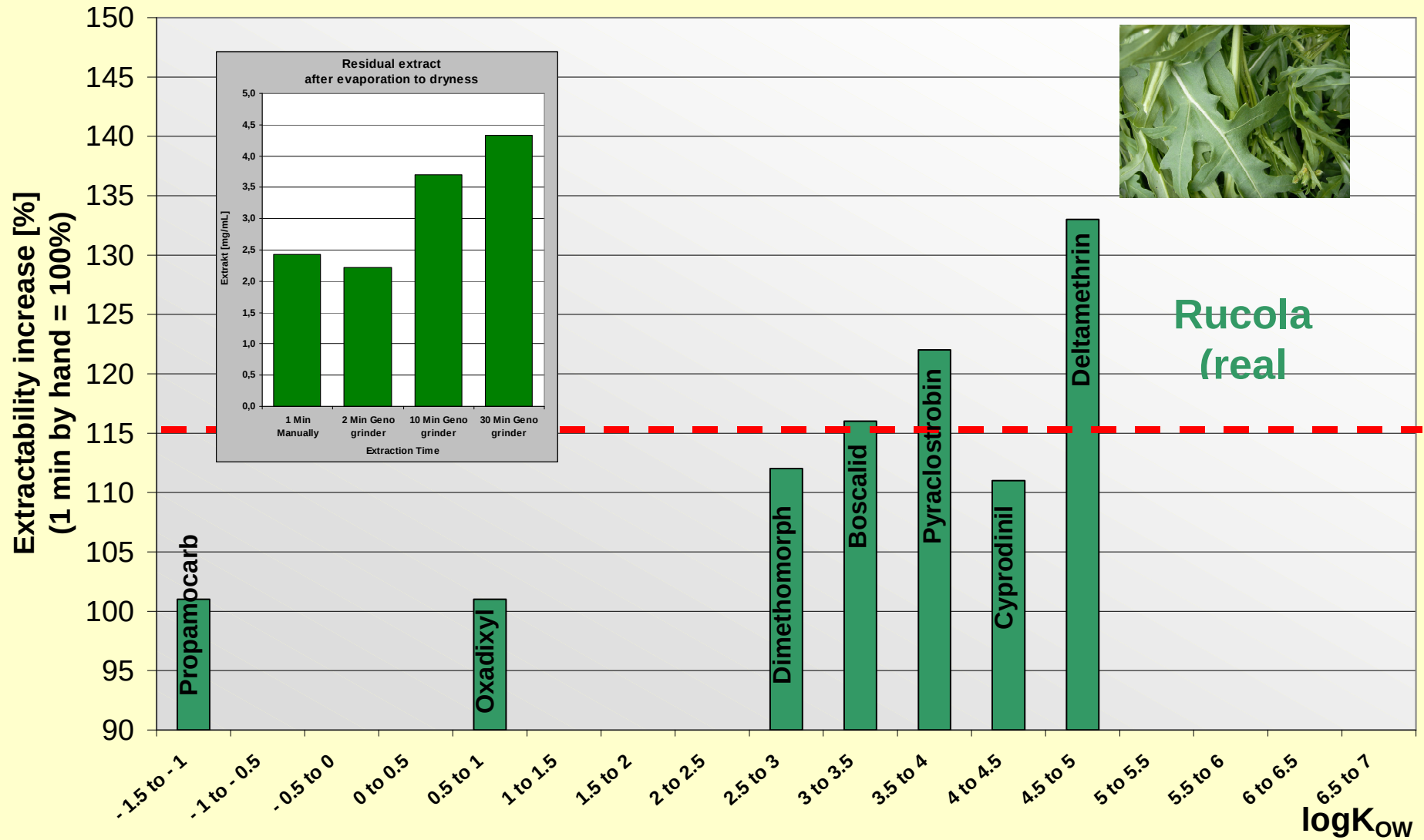
Comparison of extractability using QuEChERS

1 min by hand vs. 20 min by automated shaker (Geno Grinder)

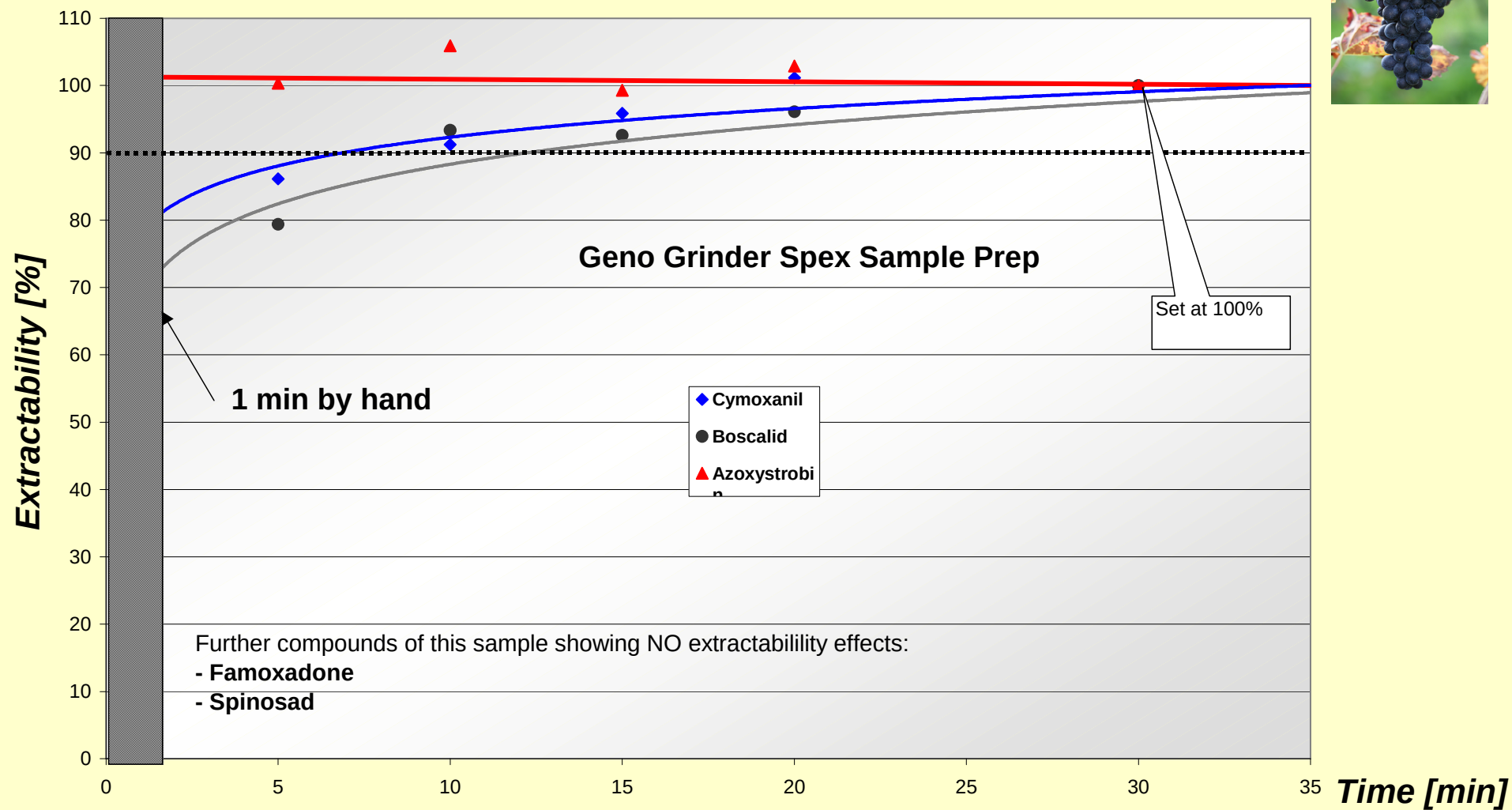


Comparison of extractability using QuEChERS

1 min by hand vs. 20 min by automated shaker



PT-Grape w. incurred residues



Extraction equipment employed within this study



Geno Grinder
Spex Sample Prep



Biosan Multi RS-60



Horizontal shaker



Rotation shaker



Heidolph Multi Reax



Agytax®

Ultra Turrax



Ultrasonic probe



By hand

