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UNIVERSITÉ DE FRESBURG
UNIVERSITÄT FRIEDRICH-SCHLEGEL
FOOD RESEARCH & INNOVATION CENTER

Welcome to the mini symposium!

Science-based solutions for sustainable agriculture

Organized by the Food Research & Innovation Center
(FRIC) in collaboration with the Biology Department



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Smart Farming

Use of Plant Microbiomes in Agriculture

Mini-symposium: Science-based Solutions for Sustainable Agriculture, University of Fribourg; 14.11.2024

Klaus Schlaeppli – Plant Microbe Interactions, Environmental Sciences, University of Basel

© Agroscope (Gabriela Brändle, Urs Zihlmann), LANAT (An)

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Periodic

	1	2																	118																	
1	H hydrogen 1.00794																		118																	
2	Li lithium 6.941	3	Be beryllium 9.012182											12																						
3	Na sodium 22.98976928	4	Mg magnesium 24.304											20																						
4	K potassium 39.0983	5	Ca calcium 40.078	6	Sc scandium 44.955912	7	Ti titanium 47.88	8	V vanadium 50.9415	9	Cr chromium 51.9961	10	Mn manganese 54.938045	11	Fe iron 55.845	12	Ni nickel 58.6934	13	Cu copper 63.546	14	Zn zinc 65.38	15	Ga gallium 69.723	16	Ge germanium 72.64	17	As arsenic 74.9216	18	Se selenium 78.96	19	Br bromine 79.904	36				
5	Rb rubidium 85.4678	10	Sr strontium 87.62	11	Y yttrium 88.90584	12	Zr zirconium 91.224	13	Nb niobium 92.90638	14	Mo molybdenum 95.94	15	Tc technetium [98]	16	Ru ruthenium 101.07	17	Rh rhodium 102.9055	18	Pd palladium 106.42	19	Ag silver 107.8682	20	Cd cadmium 112.411	21	In indium 114.818	22	Sn tin 118.710	23	Sb antimony 121.757	24	Te tellurium 127.6	25	I iodine 126.905	54		
6	Cs cesium 132.90545196	28	Ba barium 137.327	29	La lanthanum [138.905]	30	Hf hafnium 178.49	31	Ta tantalum 180.94788	32	W tungsten 183.84	33	Re rhenium 186.207	34	Os osmium 190.23	35	Ir iridium 192.222	36	Pt platinum 195.084	37	Au gold 196.966569	38	Hg mercury 200.59	39	Tl thallium 204.3833	40	Pb lead 207.2	41	Bi bismuth 208.9804	42	Po polonium [209]	43	At astatine [210]	86		
7	Fr francium [223]	50	Ra radium [226]	51	Ac actinium [227]	52	Rf rutherfordium [261]	53	Db dubnium [262]	54	Sg seaborgium [266]	55	Bh bohrium [264]	56	Hs hassium [277]	57	Mt meitnerium [268]	58	Ds darmstadtium [271]	59	Uu unbinilium [285]	60	Uub unbinilium [285]	61	Uut ununilium [286]	62	Uuq ununnilium [289]	63	Uubk unbinilium [288]	64	Uuh unhexilium [292]	65	Uus unseptilium [293]	66	Uup unpentilium [294]	118

metals

transition metals

nonmetals

metalloids

lanthanides

actinides

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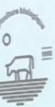


Proaktiv die Herausforderungen des Klimawandels meistern



Ruth und Christoph Schmid-Kohli
Ferme de La Faye
1763 Granges-Paccot

Ferme de La Faye
Klimawettbewerb Kt. Freiburg 2024



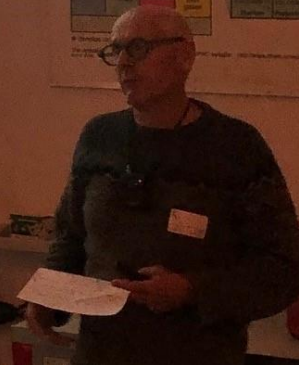
Ferme de La Faye

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1763 Granges-Paccot

Klimawettbewerb Kt. Freiburg 2024

Periodic Table of the Elements





SP6A in *S. tuberosum* ssp. *tuberosum* shows a basal to apical expression pattern in stems



SP6A in *S. tuberosum* ssp. *tuberosum* shows a basal to apical expression pattern in stems





