

NIR-Analysis

System solution for crop analysis

The presentation of the harvested material has a significant influence on the quality of the NIR analysis data. The important advantage of the NIR system solution is a result of the controlled passage of the harvested material past the NIR measuring head. This ensures that a representative analysis of the entire plot can be secured. The presentation of harvested material is suited for all kinds of crops from rapeseed to grain and legumes to grain maize. Subsequently, the Easy Harvest crop software automatically allocates the NIR analysis information to the respective plot and stores the data.

As a standard, the WINTERSTEIGER NIR system solution is equipped with POLYTEC contact measuring instruments. Other NIR measuring instruments are available upon request.



Your benefits summed up:

- Achieve representative NIR measurements through optimal presentation of harvested material
- Suitable for use with all crops
- Easy to operate and control with the Easy Harvest crop software
- All measurement results stored in one harvest file in .xls or .csv format

The NIR system solution integrates itself perfectly into the process on the plot combine.

With the Easy Harvest crop software, all processes are controlled from a touchscreen and the data is linked to the harvest file.

Field	trial	plots deep	plots wide	plot ID	moisture	weight	test weight	user	NIR_moisture_value	NIR_protein_value	NIR_oil_value
ww_loch_14	early_10	1	1	10_101	6,81	4,25	77,56	david	6,83	18,57	44,29
ww_loch_14	early_10	1	2	10_102	6,70	4,33	75,23	david	6,60	19,38	44,09
ww_loch_14	early_10	1	3	10_103	6,95	5,03	78,54	david	6,98	18,67	44,47
ww_loch_14	early_10	1	4	10_104	6,87	5,44	78,78	david	6,87	18,95	43,63
ww_loch_14	early_10	1	5	10_105	7,30	4,60	74,30	david	7,34	18,37	44,13
ww_loch_14	early_10	1	6	10_106	7,31	4,67	75,25	david	7,28	19,37	42,47
ww_loch_14	early_10	1	7	10_107	7,55	4,76	77,12	david	7,98	18,37	43,66
ww_loch_14	early_10	2	1	10_108	7,54	4,68	76,89	david	7,40	19,04	43,05
ww_loch_14	early_10	2	2	10_109	6,81	5,11	78,56	david	6,73	17,99	44,56
ww_loch_14	early_10	2	3	10_110	7,15	4,76	75,34	david	7,10	19,47	43,42
ww_loch_14	early_10	2	4	10_111	7,05	4,38	76,90	david	7,04	19,19	42,82
ww_loch_14	early_10	2	5	10_112	7,26	4,74	78,10	david	7,30	19,85	43,80
ww_loch_14	early_10	2	6	10_113	7,60	5,01	77,55	david	7,54	18,65	44,30
ww_loch_14	early_10	2	7	10_114	7,59	4,84	76,30	david	7,63	19,13	43,76
ww_loch_14	early_10	3	1	10_115	7,80	4,17	75,78	david	6,70	19,37	43,84
ww_loch_14	early_10	3	2	10_116	7,28	4,75	78,01	david	7,28	19,67	42,39
ww_loch_14	early_10	3	3	10_117	6,76	4,94	76,34	david	6,70	19,26	43,61
ww_loch_14	early_10	3	4	10_118	7,22	5,15	75,78	david	7,29	19,70	42,58
ww_loch_14	early_10	3	5	10_119	7,35	3,99	77,30	david	7,27	19,13	43,94
ww_loch_14	early_10	3	6	10_120	7,32	4,63	78,34	david	7,40	18,83	44,00
ww_loch_14	early_10	3	7	10_121	7,66	4,48	76,59	david	7,60	19,87	42,63

