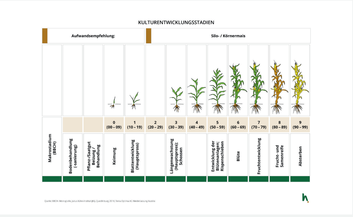
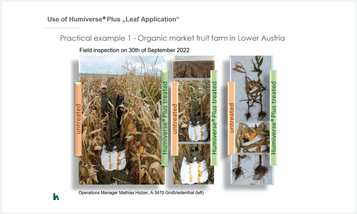
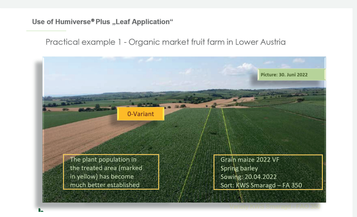
Corn

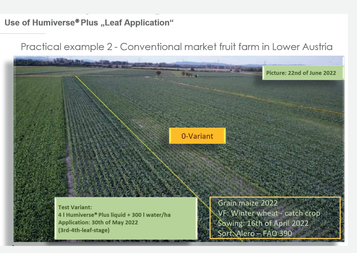

KULTURENTWICKLUNGSSTADIEN
Aufwandsempfehlung:
Silo / Körnermais
Mutterkorn Infektion
Blattdüngung (Lowilong)
Wachstumsregulierung
Krönung
Blattapplikation Spurenelemente
Blattapplikation Stickstoff
Blattapplikation Spurenelemente Stickstoff
Blüte
Fruchtwasserblüte
Gelb und Teigreife
Abstechen
0 (00–09)
1 (10–19)
2 (20–29)
3 (30–39)
4 (40–49)
5 (50–59)
6 (60–69)
7 (70–79)
8 (80–89)
9 (90–99)
Quelle DMC® Merkblatt „Kurz-Info Mais" Landbauforum, S.7 Nach Hoja M. Mediendienst Agrofarb

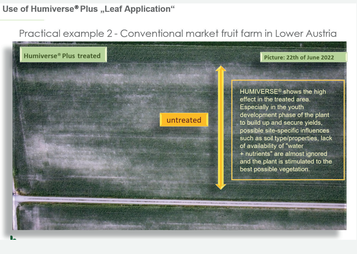
Bildaufnahme 20.06.2022
Humiverse zeigt auch hier die hohe Wirkung in der behandelten Fläche (unten) gegenüber der unbehandelten Fläche (oben). Einzelstängen haben sich kräftiger ausgebildet. Bessere Ausbildung in der vegetativen Phase sind für die generativen Phase beste Voraussetzung in Ertrag und Qualität. Schneller Reihenschluss und Bodenbedeckung verhindert u.a. Verdunstung der verfügbaren Bodenwasserv. Beschattung verringert Unkrautdruck (Wiederverunkrautung), verhindert direkte (UV-) Sonneneinstrahlung auf den Boden, kühlt die Bodentemperatur herab und Bodenlebewesen sind länger aktiv.
Körnermais 2022
VF: Sommergerste
Aussaat 20.04.2022
Sorte:KWS Smaragd – FAO 350

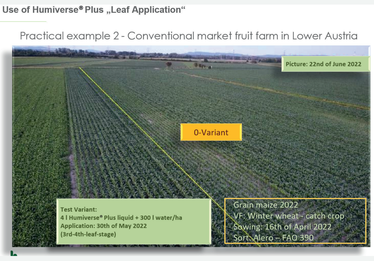
Practical example 1 - Organic market fruit farm in Lower Austria
Test Variant:
4 l Humiverse® Plus liquid + 300 l water/ha
Application: 28.05 2022 (3rd-4th-leaf-stage)
Picture: 20th of June 2022
0-Variant
Neighbour field
Grain maize 2022 VF
Spring barley
Sowing: 20.04.2022
Sort: KWS Smaragd – FA 350

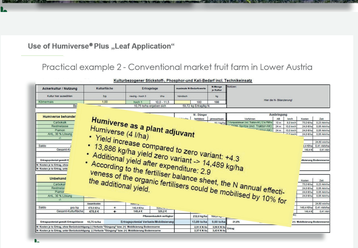

Use of Humiverse® Plus „Leaf Application"
Practical example 1 - Organic market fruit farm in Lower Austria
Field inspection on 30th of September 2022
untreated
untreated
untreated
Humiverse® Plus treated
untreated
untreated
Humiverse® Plus treated
Operations Manager Mathias Hütter, A-3670 Großrudersdorf (left)

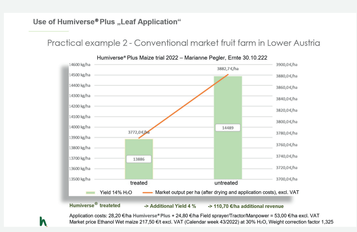

Use of Humiverse® Plus „Leaf Application"
Practical example 1 - Organic market fruit farm in Lower Austria
Picture: 30. Juni 2022
0-Variant
The plant population in the treated area (marked in yellow) has become much better established
Grain maize 2022 VF
Spring barley
Sowing: 20.04.2022
Sort: KWS Smaragd – FA 350


Use of Humiverse® Plus „Leaf Application"
Practical example 2 - Conventional market fruit farm in Lower Austria
Picture: 22nd of June 2022
0-Variant
Test Variant:
4 l Humiverse® Plus liquid + 300 l water/ha
Application: 30th of May 2022
(3rd-4th-leaf-stage)
Grain maize 2022
VF: Winter wheat - catch crop
Sowing: 16th of April 2022
Sort: Alero – FAO 390


Use of Humiverse® Plus „Leaf Application"
Practical example 2 - Conventional market fruit farm in Lower Austria
Humiverse® Plus treated
Picture: 22th of June 2022
untreated
HUMIVERSE® shows the high effect in the treated area. Especially in the youth development phase of the plant to build up and secure yields, possible site-specific influences such as soil typeproperties, lack of availability of "water + nutrients" are almost ignored and the plant is stimulated to the best possible vegetation.


Use of Humiverse® Plus „Leaf Application"
Practical example 2 - Conventional market fruit farm in Lower Austria
Picture: 22nd of June 2022
0-Variant
Test Variant:
4 l Humiverse® Plus liquid + 300 l water/ha
Application: 30th of May 2022
(3rd-4th-leaf-stage)
Grain maize 2022
VF: Winter wheat - catch crop
Sowing: 16th of April 2022
Sort: Alero – FAO 390


Use of Humiverse® Plus „Leaf Application"
Practical example 2 - Conventional market fruit farm in Lower Austria
Kulturbezogener Stickstoff-, Phosphor- und Kali-Bedarf (inc. Texttabelle)
Humiverse as a plant adjuvant
Humiverse (4 l/ha)
• Yield increase compared to zero variant: +4.3
• 13,886 kg/ha yield zero variant -> 14,488 kg/ha
• Additional yield zero variant
• Additional yield after expenditure: 2.9
• According to the fertiliser balance sheet, the N annual effectiveness of the organic fertilisers could be mobilised by 10% for the additional yield.


Use of Humiverse® Plus „Leaf Application"
Practical example 2 - Conventional market fruit farm in Lower Austria
Humiverse® Plus Maize trial 2022 – Marianne Pegler, Ernte 30.10.22
6600 kg/ha
6500 kg/ha
6400 kg/ha
6300 kg/ha
6200 kg/ha
6100 kg/ha
6000 kg/ha
5900 kg/ha
5800 kg/ha
5700 kg/ha
5600 kg/ha
5500 kg/ha
3772,05 €/ha
3882,7 €/ha
13886
14488
treated
untreated
3900,0 €/ha
3880,0 €/ha
3860,0 €/ha
3840,0 €/ha
3820,0 €/ha
3800,0 €/ha
3780,0 €/ha
3760,0 €/ha
3740,0 €/ha
3720,0 €/ha
3700,0 €/ha
Yield 14% H2O
Market output per ha (after drying and application costs), excl. VAT
Humiverse® treated
-> Additional Yield 4 %
-> 110,70 €/ha additional revenue
Application costs: 28,20 €/ha Humiverse®Plus + 24,80 €/ha Field sprayer/Tractor/Manpower = 53,00 €/ha excl. VAT
Market price Ethanol Wet maize 217,50 €/t excl. VAT (Calendar week 43/2022) at 30% H2O, Weight correction factor 1,325