Tabla Suplementaria. Colonización micorrícico-arbuscular de *Vicia villosa* para las dos diluciones de suelo (1:2, 1:32) de cada uno de los usos utilizados como inóculo: pastizal natural (PN), rotación de cultivo (RC) y monocultivo (MC), durante tres fechas de cosecha (15, 30 y 60 días a partir del inicio del experimento) en cada área geográfica: Bengolea, Monte Buey, Pergamino y Viale. Los valores son la media ± error estándar (n = 4). Resultados del ANAVA entre los usos de suelo dentro de cada área geográfica. Letras diferentes indican diferencias significativas según el test aposteriori LSD Fisher (*P*< 0.05).

Supplementary Table. Arbuscular mycorrhizal fungi (AMF) colonization of *Vicia villosa* for two soil dilutions (1: 2, 1:32) of each of the uses used as inoculum: (NG) natural grassland, (CR) crop rotation and (MC) monoculture, during three harvest dates (15, 30 and 60 days from the beginning of the experiment) in each geographical area: Bengolea, Monte Buey, Pergamino and Viale. The values are the mean ± standard error (n = 4). ANAVA results among land uses within each geographical area. Different letters indicate significant differences according to the Fisher LSD a posteriori test (*P*<0.05).

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Localidad geográfica | 1:2 | 15 días |  |  | 30 días |  |  | 60 días |  |  |
| Usos de suelo | me±ee | F | *P* | me±ee | F | *P* | me±ee | F | *P* |
| Bengolea | PN | 5.98±2.18 a | 4.00 | \* | 36.61±10.59 | 2.77 | ns | 2.22±13.84 | 0.22 | ns |
|  | RC | 1.89±0.72 ab |  |  | 21.70±3.50 |  |  | 24.29±7.01 |  |  |
|  | MC | 0.83±0.53 b |  |  | 15.70±1.09 |  |  | 34.05±9.39 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Monte Buey | PN | 0.16±0.16 | 0.81 | ns | 2.50±0.53 b | 15.81 | \*\* | 4.18±0.99 | 2.76 | ns |
|  | RC | 0.40±0.40 |  |  | 2.60±1.06 b |  |  | 5.32±1.10 |  |  |
|  | MC | 2.98±2.98 |  |  | 27.92±6.27 a |  |  | 24.92±12.06 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Pergamino | PN | 28.71±6.74 | 0.55 | ns | 44.27±13.75 | 0.89 | ns | 32.28±8.08 | 1.72 | ns |
|  | RC | 27.97±4.59 |  |  | 28.17±1.26 |  |  | 17.18±4.99 |  |  |
|  | MC | 37.00±8.42 |  |  | 37.74±5.49 |  |  | 34.75±8.22 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Viale | PN | 12.17±3.12 | 1.60 | ns | 15.82±4.61 a | 5.23 | \* | 19.86±8.01 | 0.80 | ns |
|  | RC | 10.24±5.20 |  |  | 6.52±0.75 b |  |  | 9.69±3.54 |  |  |
|  | MC | 3.57±1.22 |  |  | 3.82±0.94 b |  |  | 22.49±9.77 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Localidad geográfica | 1:32 | 15 días |  |  | 30 días |  |  | 60 días |  |  |
| Usos de suelo | me±ee | F | *P* | me±ee | F | *P* | me±ee | F | *P* |
|  |  |  |  |  |  |  |  |  |  |  |
| Bengolea | PN | 0.78±0.78 | 1.00 | ns | 13.99±1.10 a | 13.70 | \*\* | 14.17±5.67 | 0.63 | ns |
|  | RC | 0.00±0.00 |  |  | 4.89±1.19 c |  |  | 13.46±7.23 |  |  |
|  | MC | 0.00±0.00 |  |  | 9.65±1.39 b |  |  | 21.32±5.63 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Monte Buey | PN | 0.00±0.00 |  | ns | 0.00±0.00 b | 7.43 | \* | 2.13±0.22 b | 25.50 | \*\*\* |
|  | RC | 0.00±0.00 |  |  | 2.90±1.99 ab |  |  | 4.49±1.56 b |  |  |
|  | MC | 0.00±0.00 |  |  | 6.52±0.59 a |  |  | 19.23±2.76 a |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Pergamino | PN | 15.41±4.60 | 0,24 | ns | 11.42±3.36 b | 9,51 | \*\* | 12.38±2.50 | 1.19 | ns |
|  | RC | 11.87±3.18 |  |  | 10.98±2.68 b |  |  | 14.07±5.88 |  |  |
|  | MC | 15.85±5.32 |  |  | 37.04±7.20 a |  |  | 23.14±6.61 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Viale | PN | 2.82±0.61 ab | 4,88 | \* | 7.51±2.23 | 1.61 | ns | 22.33±12.16 | 1.31 | ns |
|  | RC | 5.91±2.24 a |  |  | 6.88±3.64 |  |  | 5.29±2.53 |  |  |
|  | MC | 0.00±0.00 b |  |  | 1.71±0.83 |  |  | 17.20±4.54 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |