Supplementary Table 1. Kochia control and biomass production estimated marginal means as influenced by herbicide treatment registered for use in five different crops.

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| Crop | Herbicide treatment | Visual control estimate | Biomass production |
|  |  | --- % --- | --- g m-2 --- |
| Corn | isoxaflutole + tembotrione + atrazine | 98 | 25 |
|  | acetochlor +atrazine + topramezone | 99 | 10 |
|  | saflufenacil + dimethenamid-P + dicamba + diflufenzopyr | 98 | 52 |
| Soybean | sulfentrazone + imazethapyr + fluthiacet | 93 ab1 | 42 |
|  | flumioxazin + lactofen | 85 b | 76 |
|  | metribuzin + S-metolachlor + lactofen | 96 a | 45 |
| Sugarbeet | ethofumesate + phenmedipham +  desmedipham + ethofumesate | 34 | 240 |
|  | ethofumesate + phenmedipham + desmedipham +  ethofumesate + triflusulfuron | 44 | 222 |
|  | ethofumesate  phenmedipham + desmedipham +  ethofumesate + triflusulfuron | 43 | 228 |
| Wheat | pyrasulfatole + bromoxynil | 86 a | 104 |
|  | fluroxypyr + bromoxynil | 87 a | 56 |
|  | dicamba + thifensulfuron + tribenuron + metsulfuron | 75 b | 125 |
| Fallow | dicamba | 93 a | 64 |
|  | saflufenacil | 83 b | 105 |
|  | 2,4-D + carfentrazone | 86 ab | 110 |

1Kochia control estimates within a crop followed by the same letter are not statistically different according to Tukey-adjusted pairwise comparisons of estimated marginal means (alpha = 0.05).