

## Participatory assessment of potato farming systems, production constraints and cultivar preferences in Uganda

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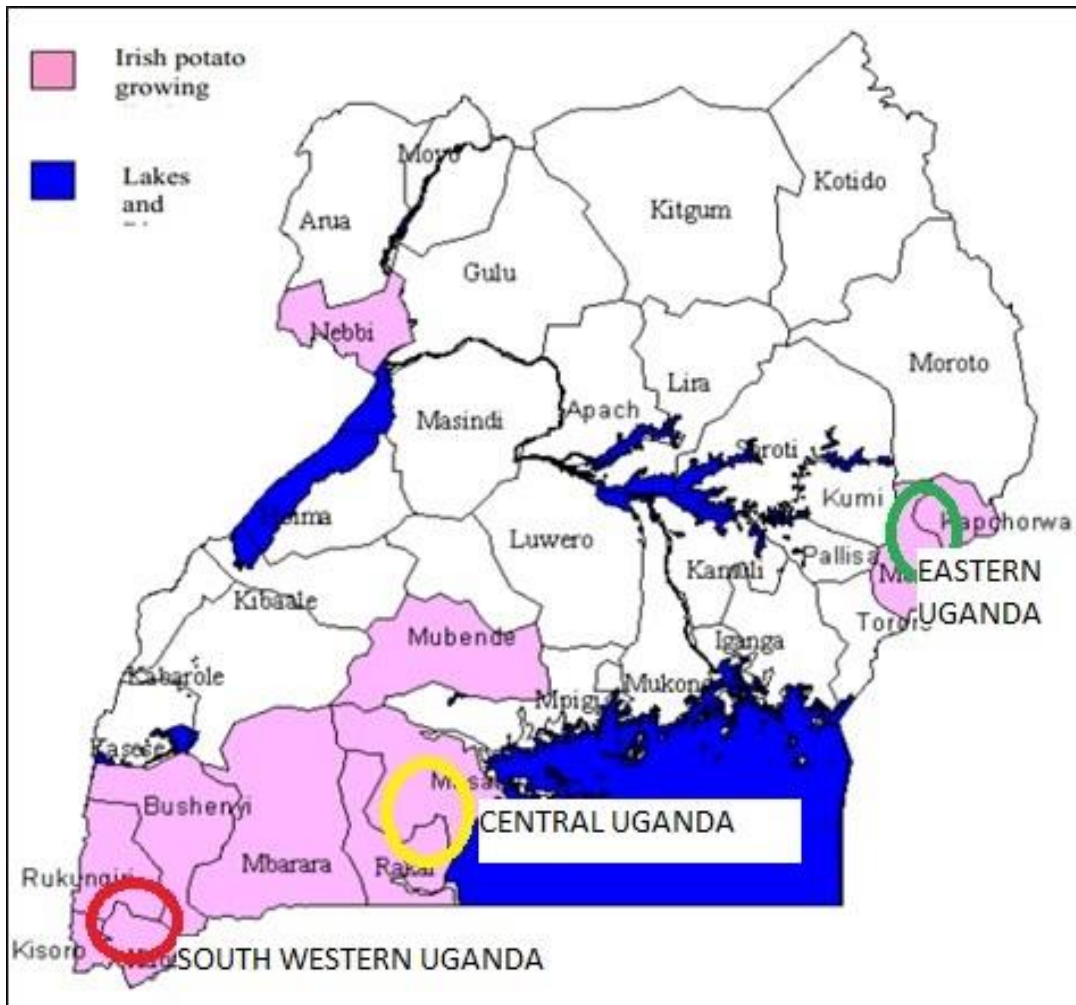


Figure1: Location of the surveyed potato growing areas in Uganda

Supplementary Table 1: Importance of potato (% of respondents) in the eight districts

<b>Region</b>	<b>District</b>	<b>Cash</b>	<b>Food</b>	<b>Both</b>
<b>South Western</b>	Kabale	0.0	1.2	98.8
	Kisoro	0.9	1.8	97.3
	Kanungu	0.0	1.4	98.6
<b>Central</b>	Rakai	4.8	4.8	90.5
	Lwengo	8.9	4.5	86.6
<b>Eastern</b>	Kween	0.0	0.0	100.0
	Kapchorwa	0.0	2.4	97.6
	Mbale	0.0	3.6	96.4
<b>Mean</b>		<b>4.9</b>	<b>3.1</b>	<b>93.3</b>

Supplementary Table 2: Commonly grown potato varieties as ranked by farmers (% of respondents)

	<b>Kabale</b>	<b>Kisoro</b>	<b>Kanungu</b>	<b>Rakai</b>	<b>Lwengo</b>	<b>Kween</b>	<b>Kapchorwa</b>	<b>Mbale</b>
Rwangume	93.3	25.0	98.0	98.4	95.6	33.3	14.3	82.1
Victoria	25.0	6.3	12.9	14.3	2.9	31.3	14.8	50.0
Kinigi	29.9	87.5	34.3	0.0	0.0	0.0	0.0	0.0
Rutuku	1.8	0.0	5.7	0.0	0.0	0.0	0.0	0.0
Rwashaki	9.2	16.1	1.4	0.0	0.0	0.0	0.0	0.0
Kabera	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0
Wanale	0.0	0.0	0.0	0.0	0.0	13.3	2.4	7.1
Kasumali	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0
Sutama	0.0	16.1	0.0	0.0	0.0	0.0	0.0	0.0
Kimuri	5.5	0.0	1.4	0.0	0.0	0.0	0.0	0.0
Petero	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0
Nakpot5	0.0	0.0	0.0	0.0	0.0	13.3	7.1	0.0
Cruza	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
Kabale	0.0	0.0	0.0	3.2	0.0	66.7	97.6	0.0
Singo	0.0	0.0	0.0	1.6	4.4	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	1.5	0.0	2.4	0.0
Makerere	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0

Supplementary Table 3: Decision on when to spray (% of respondents in each district)

<b>Decision</b>	<b>Kabale</b>	<b>Kisoro</b>	<b>Kanungu</b>	<b>Rakai</b>	<b>Lwengo</b>	<b>Kween</b>	<b>Kapchorwa</b>	<b>Mbale</b>
After germination	61.6	81.6	63.7	2.4	19.4	30.6	16.4	12.5
Before 1st weeding	0.0	0.0	0.0	0.0	1.0	0.0	5.5	0.0
After weeding	13.2	13.2	5.5	42.9	25.5	41.7	36.4	46.9
At flowering	7.4	1.8	9.9	29.8	19.4	5.6	14.5	6.3
After flowering	5.8	0.9	13.2	19.0	20.4	2.8	7.3	3.1
When it is humid	1.6	0.0	6.6	1.2	4.1	0.0	0.0	3.1
NA	5.3	1.8	1.1	4.8	9.2	5.6	7.3	6.3
When symptoms appear	5.3	0.9	0.0	0.0	1.0	13.9	12.7	21.9